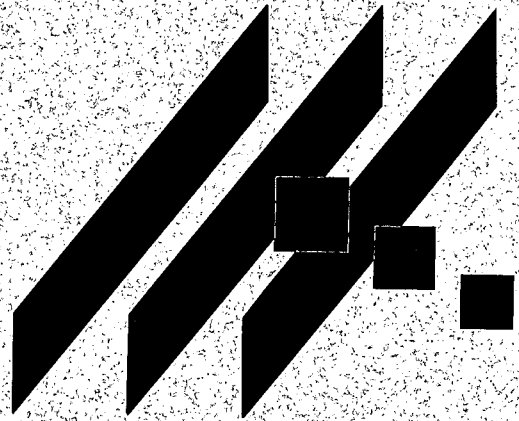


M K E C E N G I N E E R I N G C O N S U L T A N T S , I N C



DRAINAGE REPORT

FOR

**MEDITERRANEAN PLAZA ADDITION
LOT SPLIT - LOT 9, BLOCK 2**

JULY 2003

**Drainage Report for
Mediterranean Plaza Addition Lot Split – Lot 9, Block 2
Wichita, Sedgwick County, Kansas**

Location

The subject property is Lot 9, Block 2, Mediterranean Plaza Addition, Wichita, Sedgwick County, Kansas. The proposed development is located southeast of K-96 and northeast of Cypress Street.

Pre-developed Conditions

Current Development

The site is platted as part of the Mediterranean Plaza Addition. Currently, nothing has been developed on the site.

Current Landform and Slope

An existing pond occupies approximately $\frac{3}{4}$ of the site, as shown in the pond map in Appendix A. A drainage ditch runs from north to south across the site, from the pond to 2-6'x4' RCB's. An earthen plug has been constructed in the drainage ditch to prevent water from escaping the pond through the ditch. The outlet of the pond is 2-5'x6' RCB's. There is another existing pond downstream and south of Cypress Street. This pond outflows into a third pond that is even further south, on the Heartspring property.

Current Runoff Characteristics

An existing pond occupies approximately $\frac{3}{4}$ of the site. The pond's outlet is 2-5'x6' RCB's under Cypress Street. A drainage ditch crosses the site from north to south, from the pond to 2-6'x4' RCB's under Cypress Street. A plug has been constructed in the drainage ditch to block outflow from the pond. An existing TR-20 run has been developed for the area that includes the recent development of the Kansas Spine Hospital upstream of the site. The TR-20 output is found in Appendix B. The ponds north (Pond IV) and south (Pond III) of Cypress Street are combined into one pond in the model. Additional models were created to verify this modeling technique. The area of the north pond was taken out of the model and the model was run to determine a tailwater-rating curve for the boxes between the ponds. An HY-8 model was created to determine the effect of the existing flow on the boxes. The ponds will overtop the street in the 100-year design flow under existing conditions. This additional TR-20 model and HY-8 model verify that the two ponds, Ponds III and IV, act as one pond during the 100-year design event and can be modeled this way. Downstream of the ponds at Cypress Street is a pond in Heartspring, included in the model as Pond I. The normal pool elevation, 100-year water surface elevation, and peak outflow under existing conditions are shown in Table 1.

Table 1. Existing Pond information.

	Normal Pool	100-Year WSEL	Peak Discharge
Ponds North and South of Cypress	213.0	218.9	265
Heartspring Ponds	208.0	216.0	190

Developed Conditions

Proposed Development

The lot will be divided into three tracts. Tracts #1 and #2 are just under 1 acre in size. They will be used for commercial development. Tract #3 is over 5 acres in size and will include the existing pond. The site is shown in the Lot Split found in Appendix C.

Proposed Landform and Slope

The drainage ditch going from the existing pond north of Cypress Street to the RCB under Cypress Street will be filled in and used for parking lot. Final slopes in the development have not been determined, but the minimum will be 0.4% on the commercial lot.

Proposed Runoff Characteristics

A new TR-20 model was created to model proposed changes to the site, Appendix D. The area of the existing drainage ditch was taken out of the area of the Cypress Ponds. This model was run to reflect changes on the Cypress and Heartspring ponds created by the development. The normal pool elevation, 100-year water surface elevation, and peak outflow of both ponds are shown in Table 2.

Table 1. Existing Pond information.

	Normal Pool	100-Year WSEL	Peak Discharge
Ponds North and South of Cypress	213.0	219.1	276
Heartspring Ponds	208.0	216.2	193

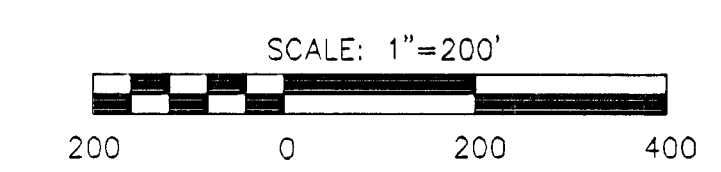
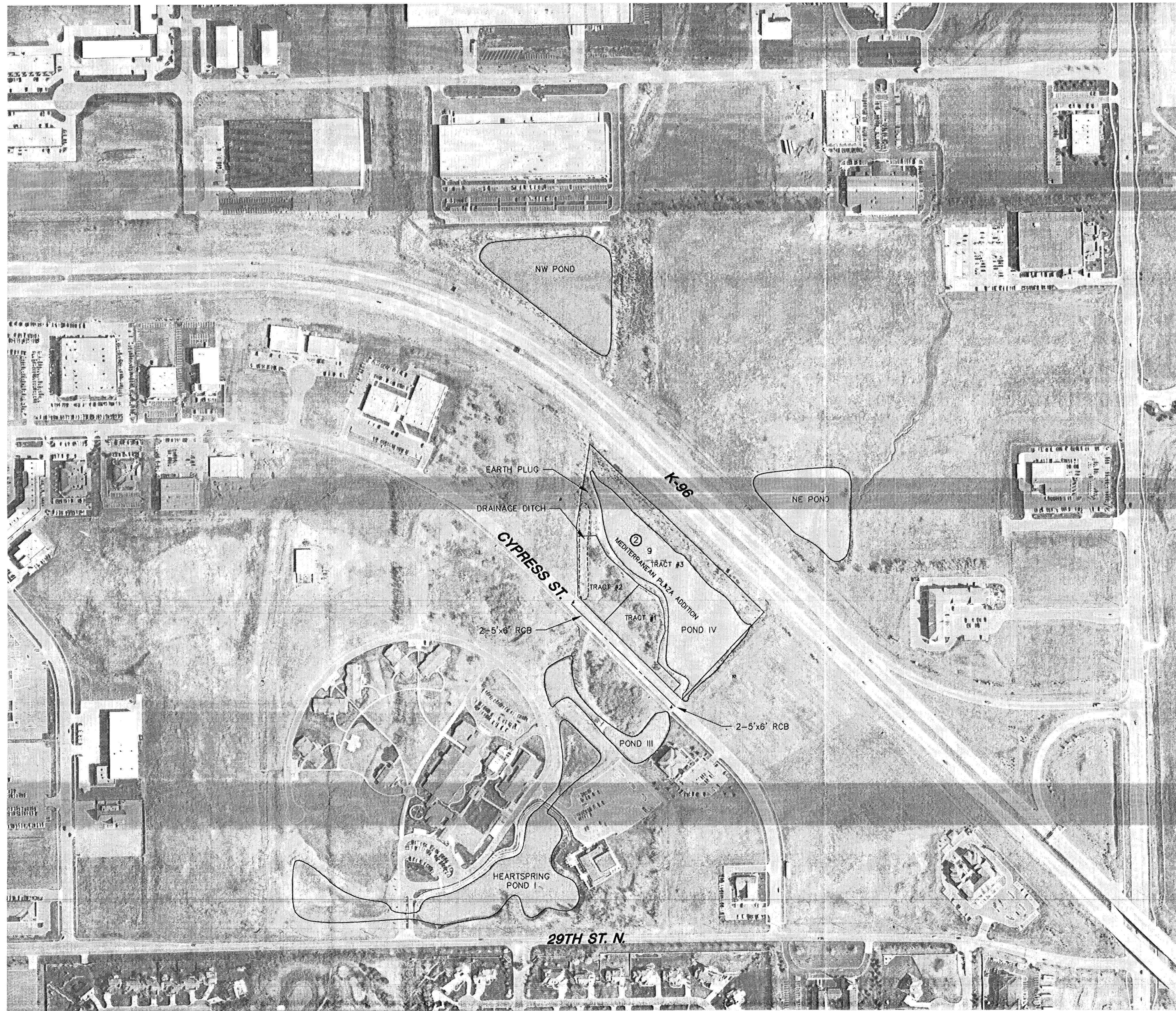
Summary

Mediterranean Plaza Lot 9, Block 2 is going to be divided into three Tracts. Two tracts are approximately 1 acre and the third tract is over 5 acres. Tract's #1 and #2 will be used for commercial development. Tract #3 will remain unchanged as an existing pond. The pond on this site is north of Cypress Street. It drains to the south into another pond south of Cypress Street. This pond drains into a third pond located in Heartspring. A TR-20 model has been generated to model existing conditions, before the lot split occurs. This model has the ponds north and south of Cypress Street acting as one pond. Additional models were created and modified to verify that the two ponds are indeed acting as one pond during the 100-year design event.

A drainage ditch crosses the site from Tract #3 to Tract #2. This drainage ditch will be filled in under proposed conditions. Another TR-20 model has been run to analyze the

existing pond and ponds downstream of the site. Results from the two models show that the overall runoff from the ponds at Cypress Street increases from 265 to 276 cfs while the 100-year water surface elevation increases from 218.9 to 219.1 feet. After routing through the detention pond at Heartspring, the peak discharge increases from 190 to 193 cfs and the 100-year WSEL increases from 216.0 to 216.2 feet. Outflow from the Mediterranean Plaza Addition has increased by 3 cfs by eliminating this drainage ditch. The increased flow is 1.6% of the existing flow and will have a negligible effect during the 100-year design storm.

**APPENDIX A
POND MAP**



H:\CIVIL\03057\DMCADRNG\PONDMAP.DWG



MEDITERRANEAN PLAZA		
PROJECT NAME		
POND MAP		
SHEET TITLE		
KLA	KLA	GJA
DESIGN BY.	DRAWN BY.	CHECKED BY.
JUNE 2003	03057	1 / 1
DATE	JOB NO.	SHEET/OF

**APPENDIX B
EXISTING TR-20 OUTPUT**

1

*****80-80 LIST OF INPUT DATA FOR TR-20 HYDROLOGY*****

JOB TR-20 SUMMARY NPLOTS
TITLE 014 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100-YR 6-HR
TITLE MDTFZL04 19 SEPT 2002 8' RECT. WEIR 24-HR ZONE 5

Table with 6 columns: ID, DIMHYD, and 5 numerical columns. Rows include values for DIMHYD (e.g., .0, 1.0, .59) and ENDTBL 4 DIMHYD (e.g., .000, .470, 1.000).

Table with 6 columns: ID, ADDHYD, RESVOR, RUNOFF, and 3 numerical columns. Rows include values for ADDHYD (e.g., 4 045, 4 146) and RESVOR (e.g., 45 5, 28 4).

*****80-80 LIST OF INPUT DATA (CONTINUED)*****

Table with 6 columns: ID, RAINFL, and 5 numerical columns. Rows include values for RAINFL (e.g., 0.0000, 0.0166) and ENDTBL 5 RAINFL 7 (e.g., 0.08333, 0.0033).

*****80-80 LIST OF INPUT DATA (CONTINUED)*****

Table with 6 columns: ID, ADDHYD, RESVOR, RUNOFF, and 3 numerical columns. Rows include values for ADDHYD (e.g., 4 051, 4 102) and RESVOR (e.g., 51 7, 51 7).

*****80-80 LIST OF INPUT DATA (CONTINUED)*****

Table with 6 columns: ID, RAINFL, and 5 numerical columns. Rows include values for RAINFL (e.g., 0.000, 0.018) and ENDTBL 5 RAINFL 8 (e.g., 0.5).

*****80-80 LIST OF INPUT DATA (CONTINUED)*****

Table with 6 columns: ID, COMPUT, ENDCMP, and 5 numerical columns. Rows include values for COMPUT (e.g., 7 044, 7 044) and ENDCMP (e.g., 1, 1).

*****80-80 LIST OF INPUT DATA (CONTINUED)*****

Table with 6 columns: ID, RAINFL, and 5 numerical columns. Rows include values for RAINFL (e.g., 0.0, 0.028) and ENDTBL 5 RAINFL 9 (e.g., 0.5).

*****80-80 LIST OF INPUT DATA (CONTINUED)*****

Table with 6 columns: ID, COMPUT, ENDCMP, and 5 numerical columns. Rows include values for COMPUT (e.g., 7 044, 7 044) and ENDCMP (e.g., 1, 1).

*****80-80 LIST OF INPUT DATA (CONTINUED)*****

Table with 6 columns: ID, STRUCT, and 5 numerical columns. Rows include values for STRUCT (e.g., 28, 216.5) and ENDTBL 3 STRUCT (e.g., 45).

*****80-80 LIST OF INPUT DATA (CONTINUED)*****

Table with 6 columns: ID, COMPUT, ENDCMP, and 5 numerical columns. Rows include values for COMPUT (e.g., 7 044, 7 044) and ENDCMP (e.g., 1, 1).

*****80-80 LIST OF INPUT DATA (CONTINUED)*****

Table with 6 columns: ID, STRUCT, and 5 numerical columns. Rows include values for STRUCT (e.g., 45, 221.6) and ENDTBL 3 STRUCT (e.g., 49).

*****80-80 LIST OF INPUT DATA (CONTINUED)*****

Table with 6 columns: ID, COMPUT, ENDCMP, and 5 numerical columns. Rows include values for COMPUT (e.g., 7 044, 7 044) and ENDCMP (e.g., 1, 1).

*****80-80 LIST OF INPUT DATA (CONTINUED)*****

Table with 6 columns: ID, STRUCT, and 5 numerical columns. Rows include values for STRUCT (e.g., 49, 213.0) and ENDTBL 3 STRUCT (e.g., 51).

*****80-80 LIST OF INPUT DATA (CONTINUED)*****

Table with 6 columns: ID, COMPUT, ENDCMP, and 5 numerical columns. Rows include values for COMPUT (e.g., 7 044, 7 044) and ENDCMP (e.g., 1, 1).

*****80-80 LIST OF INPUT DATA (CONTINUED)*****

Table with 6 columns: ID, STRUCT, and 5 numerical columns. Rows include values for STRUCT (e.g., 51, 208.0) and ENDTBL 3 STRUCT (e.g., 1044).

*****80-80 LIST OF INPUT DATA (CONTINUED)*****

Table with 6 columns: ID, COMPUT, ENDCMP, and 5 numerical columns. Rows include values for COMPUT (e.g., 7 044, 7 044) and ENDCMP (e.g., 1, 1).

COMPUTED PEAK RATE FACTOR = 256.08
COMPUTED PEAK RATE FACTOR = 484.00
EXECUTIVE CONTROL INCREM MAIN TIME INCREMENT = .08 HOURS
EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 2-YR 6-H
STARTING TIME = .00 RAIN DEPTH = 2.52 RAIN DURATION = 1.00
ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
ALTERNATE NO.=11 STORM NO. = 1 RAIN TABLE NO. = 7
OPERATION RESVOR STRUCTURE 51
PEAK TIME (HRS) PEAK DISCHARGE (CFS) PEAK ELEVATION (FEET)
5.61 53.5 210.34
HYDROGRAPH POINTS FOR ALTERNATE =11, STORM = 1
HRS MAIN TIME INCREMENT = .08 hr, DRAINAGE AREA = .37 SQ.MI.
1.75 CFS 0 1 1 1 1 2 3
2.42 CFS 5 8 10 12 14 16 18 20
3.08 CFS 22 24 26 28 30 32 34 36

ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
ALTERNATE NO.=15 STORM NO.= 5 RAIN TABLE NO.= 7

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 6

OPERATION RESVOR STRUCTURE 51

Table with columns: PEAK TIME(HRS), PEAK DISCHARGE(CFS), PEAK ELEVATION(FEET), HRS, MAIN TIME INCREMENT, HYDROGRAPH POINTS FOR ALTERNATE =15, DRAINAGE AREA = .37 SQ.MI., STORM = 5. Rows show flow rates from 1.25 CFS to 21.25 CFS.

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 2-YR TYP
STARTING TIME = .00 RAIN DEPTH = 3.48 RAIN DURATION= 1.00
ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
ALTERNATE NO.=21 STORM NO.= 1 RAIN TABLE NO.= 2

OPERATION RESVOR STRUCTURE 51

Table with columns: PEAK TIME(HRS), PEAK DISCHARGE(CFS), PEAK ELEVATION(FEET), HRS, MAIN TIME INCREMENT, HYDROGRAPH POINTS FOR ALTERNATE =21, DRAINAGE AREA = .37 SQ.MI., STORM = 1. Rows show flow rates from 6.25 CFS to 9.50 CFS.

TR20

MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
02/21/** MDTPL04 19 SEPT 2002 8' RECT. WEIR 24-HR ZONE 5 10/01/90
11:25:17 PASS 5 PAGE 7

Table with columns: DURATION(HRS), FLOW(CFS). Rows show flow rates from 21.92 CFS to 23.25 CFS.

RUNOFF ABOVE BASEFLOW OF .00 CFS
4.12 WATERSHED INCHES; 977 CFS-HRS; 80.8 ACRE-FEET.

Table with columns: DURATION(HRS), FLOW(CFS). Rows show flow rates from 21.92 CFS to 23.25 CFS.

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 5

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 100-YR 6
STARTING TIME = .00 RAIN DEPTH = 5.94 RAIN DURATION= 1.00
ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
ALTERNATE NO.=16 STORM NO.= 6 RAIN TABLE NO.= 7

OPERATION RESVOR STRUCTURE 51

Table with columns: PEAK TIME(HRS), PEAK DISCHARGE(CFS), PEAK ELEVATION(FEET), HRS, MAIN TIME INCREMENT, HYDROGRAPH POINTS FOR ALTERNATE =16, DRAINAGE AREA = .37 SQ.MI., STORM = 6. Rows show flow rates from 1.17 CFS to 13.17 CFS.

TR20

MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
02/21/** MDTPL04 19 SEPT 2002 8' RECT. WEIR 24-HR ZONE 5 10/01/90
11:25:17 PASS 6 PAGE 8

Table with columns: DURATION(HRS), FLOW(CFS). Rows show flow rates from 13.83 CFS to 23.83 CFS.

RUNOFF ABOVE BASEFLOW OF .00 CFS
4.64 WATERSHED INCHES; 1147 CFS-HRS; 94.8 ACRE-FEET.

Table with columns: DURATION(HRS), FLOW(CFS). Rows show flow rates from 21.92 CFS to 23.25 CFS.

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 7

TR20

MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
02/21/** MDTPL04 19 SEPT 2002 8' RECT. WEIR 24-HR ZONE 5 10/01/90
11:25:17 PASS 8 PAGE 10

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 5-YR TYP
STARTING TIME = .00 RAIN DEPTH = 4.55 RAIN DURATION= 1.00
ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
ALTERNATE NO.=22 STORM NO.= 2 RAIN TABLE NO.= 2

OPERATION RESVOR STRUCTURE 51

Table with columns: PEAK TIME(HRS), PEAK DISCHARGE(CFS), PEAK ELEVATION(FEET), HRS, MAIN TIME INCREMENT, HYDROGRAPH POINTS FOR ALTERNATE =22, DRAINAGE AREA = .37 SQ.MI., STORM = 2. Rows show flow rates from 5.08 CFS to 9.75 CFS.

TR20

MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
02/21/** MDTPL04 19 SEPT 2002 8' RECT. WEIR 24-HR ZONE 5 10/01/90
11:25:17 PASS 8 PAGE 10

Table with columns: DURATION(HRS), FLOW(CFS). Rows show flow rates from 13.83 CFS to 25.75 CFS.

26.42 CFS	14	13	13	13	13	13	12	12
27.08 CFS	12	12	11	11	11	11	11	10
27.75 CFS	10	10	10	10	9	9	9	9
28.42 CFS	9	8	8	8	8	8	8	7

TR20
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
 02/21/** MDTPLZL04 19 SEPT 2002 8' RECT. WEIR 24-HR ZONE 5 10/01/90
 11:25:17 PASS 8 PAGE 11

29.08 CFS	7	7	7	7	7	6	6	6
29.75 CFS	6	6	6	6	5	5	5	5
30.42 CFS	5	5	5	5	5	4	4	4
31.08 CFS	4	4	4	4	4	4	4	3
31.75 CFS	3	3	3	3	3	3	3	3
32.42 CFS	3	3	3	3	2	2	2	2
33.08 CFS	2	2	2	2				

RUNOFF ABOVE BASEFLOW OF .00 CFS
 3.48 WATERSHED INCHES; 825 CFS-HRS; 68.2 ACRE-FEET.

DURATION (HRS)	3	6	9	12	15	18	21	24
FLOW (CFS)	86	55	32	21	13	8	5	3

DURATION (HRS) 24
 FLOW (CFS) 2 TRUNCATED

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 8

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 10-YR TY
 STARTING TIME = .00 RAIN DEPTH = 5.25 RAIN DURATION = 1.00
 ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
 ALTERNATE NO.=23 STORM NO.= 3 RAIN TABLE NO.= 2

OPERATION RESVOR STRUCTURE 51

PEAK TIME (HRS)	14.67	PEAK DISCHARGE (CFS)	123.7	PEAK ELEVATION (FEET)	213.07
HYDROGRAPH POINTS FOR ALTERNATE =23, STORM = 3					
HRS	MAIN TIME INCREMENT = .08 hr,		DRAINAGE AREA = .37 SQ. MI.		
4.50 CFS	0	1	1	1	1
5.17 CFS	1	1	1	1	1
5.83 CFS	1	1	1	1	1
6.50 CFS	1	1	1	1	1
7.17 CFS	2	2	2	2	2
7.83 CFS	3	3	3	3	3
8.50 CFS	4	4	4	4	4
9.17 CFS	5	5	5	5	5
9.83 CFS	6	6	6	6	6
10.50 CFS	7	7	7	7	7
11.17 CFS	8	8	8	8	8
11.83 CFS	9	9	9	9	9
12.50 CFS	10	10	10	10	10
13.17 CFS	11	11	11	11	11
13.83 CFS	12	12	12	12	12

TR20
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
 02/21/** MDTPLZL04 19 SEPT 2002 8' RECT. WEIR 24-HR ZONE 5 10/01/90
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14.50 CFS	123	124	124	124	123	123	122
15.17 CFS	121	121	120	119	118	117	116
15.83 CFS	113	112	111	109	108	106	105
16.50 CFS	102	101	99	98	96	94	93
17.17 CFS	90	88	86	85	83	82	80
17.83 CFS	77	76	75	73	72	71	69
18.50 CFS	67	66	64	63	62	61	60
19.17 CFS	58	57	56	55	54	53	52
19.83 CFS	50	49	48	47	46	45	44
20.50 CFS	43	42	42	41	40	39	38
21.17 CFS	37	37	36	35	34	33	33
21.83 CFS	33	32	32	31	31	30	30
22.50 CFS	29	29	28	28	27	27	27
23.17 CFS	26	26	26	25	25	25	24
23.83 CFS	24	24	23	23	23	22	22
24.50 CFS	22	21	21	21	20	20	20
25.17 CFS	19	19	19	18	18	18	17
25.83 CFS	17	17	17	16	16	16	15
26.50 CFS	15	15	15	14	14	14	13
27.17 CFS	13	13	13	12	12	12	11
27.83 CFS	11	11	11	11	10	10	10
28.50 CFS	10	9	9	9	9	8	8
29.17 CFS	8	8	8	8	7	7	7
29.83 CFS	7	7	6	6	6	6	6
30.50 CFS	6	5	5	5	5	5	5
31.17 CFS	5	4	4	4	4	4	4
31.83 CFS	4	4	4	3	3	3	3
32.50 CFS	3	3	3	3	3	3	3
33.17 CFS	2	2					

RUNOFF ABOVE BASEFLOW OF .00 CFS
 4.15 WATERSHED INCHES; 984 CFS-HRS; 81.3 ACRE-FEET.

DURATION (HRS)	3	6	9	12	15	18	21	24
FLOW (CFS)	103	66	37	24	15	9	6	3

DURATION (HRS) 26
 FLOW (CFS) 2 TRUNCATED

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 9

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 25-YR TY
 STARTING TIME = .00 RAIN DEPTH = 6.10 RAIN DURATION = 1.00
 ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
 ALTERNATE NO.=24 STORM NO.= 4 RAIN TABLE NO.= 2

TR20
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
 02/21/** MDTPLZL04 19 SEPT 2002 8' RECT. WEIR 24-HR ZONE 5 10/01/90
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OPERATION RESVOR STRUCTURE 51

PEAK TIME (HRS)	14.70	PEAK DISCHARGE (CFS)	148.9	PEAK ELEVATION (FEET)	214.04
HYDROGRAPH POINTS FOR ALTERNATE =24, STORM = 4					
HRS	MAIN TIME INCREMENT = .08 hr,		DRAINAGE AREA = .37 SQ. MI.		
3.92 CFS	0	1	1	1	1
4.58 CFS	1	1	1	1	1

5.25 CFS	1	1	1	1	1	1	1	1
5.92 CFS	1	2	2	2	2	2	2	2
6.58 CFS	2	2	2	2	2	3	3	3
7.25 CFS	3	3	3	3	3	4	4	4
7.92 CFS	4	4	4	4	4	5	5	5
8.58 CFS	5	5	5	5	5	6	6	6
9.25 CFS	6	6	6	6	6	7	7	7
9.92 CFS	7	7	7	7	7	8	8	8
10.58 CFS	8	8	8	8	8	9	9	9
11.25 CFS	9	9	9	9	9	10	10	10
11.92 CFS	10	10	10	10	10	11	11	11
12.58 CFS	11	11	11	11	11	12	12	12
13.25 CFS	12	12	12	12	12	13	13	13
13.92 CFS	13	13	13	13	13	14	14	14
14.58 CFS	14	14	14	14	14	15	15	15
15.25 CFS	15	15	15	15	15	16	16	16
15.92 CFS	16	16	16	16	16	17	17	17
16.58 CFS	17	17	17	17	17	18	18	18
17.25 CFS	18	18	18	18	18	19	19	19
17.92 CFS	19	19	19	19	19	20	20	20
18.58 CFS	20	20	20	20	20	21	21	21
19.25 CFS	21	21	21	21	21	22	22	22
19.92 CFS	22	22	22	22	22	23	23	23
20.58 CFS	23	23	23	23	23	24	24	24
21.25 CFS	24	24	24	24	24	25	25	25
21.92 CFS	25	25	25	25	25	26	26	26
22.58 CFS	26	26	26	26	26	27	27	27
23.25 CFS	27	27	27	27	27	28	28	28
23.92 CFS	28	28	28	28	28	29	29	29
24.58 CFS	29	29	29	29	29	30	30	30
25.25 CFS	30	30	30	30	30	31	31	31
25.92 CFS	31	31	31	31	31	32	32	32
26.58 CFS	32	32	32	32	32	33	33	33
27.25 CFS	33	33	33	33	33	34	34	34
27.92 CFS	34	34	34	34	34	35	35	35
28.58 CFS	35	35	35	35	35	36	36	36
29.25 CFS	36	36	36	36	36	37	37	37
29.92 CFS	37	37	37	37	37	38	38	38
30.58 CFS	38	38	38	38	38	39	39	39
31.25 CFS	39	39	39	39	39	40	40	40

TR20
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
 02/21/** MDTPLZL04 19 SEPT 2002 8' RECT. WEIR 24-HR ZONE 5 10/01/90
 11:25:17 PASS 10 PAGE 14

31.92 CFS	4	4	4	4	4	4	4	4
32.58 CFS	3	3	3	3	3	3	3	3
33.25 CFS	3							

RUNOFF ABOVE BASEFLOW OF .00 CFS
 4.97 WATERSHED INCHES; 1177 CFS-HRS; 97.3 ACRE-FEET.

DURATION (HRS)	3	6	9	12	15	18	21	24
FLOW (CFS)	124	78	45	27	17	11	7	4

DURATION (HRS) 26
 FLOW (CFS) 3 TRUNCATED

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 10

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 50-YR TY
 STARTING TIME = .00 RAIN DEPTH = 6.98 RAIN DURATION = 1.00
 ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
 ALTERNATE NO.=25 STORM NO.= 5 RAIN TABLE NO.= 2

OPERATION RESVOR STRUCTURE 51

PEAK TIME (HRS)	14.75	PEAK DISCHARGE (CFS)	173.5	PEAK ELEVATION (FEET)	215.03
HYDROGRAPH POINTS FOR ALTERNATE =25, STORM = 5					
HRS	MAIN TIME INCREMENT = .08 hr,		DRAINAGE AREA = .37 SQ. MI.		
3.50 CFS	0	1	1	1	1
4.17 CFS	1	1	1	1	1
4.83 CFS	1	1	1	1	1
5.50 CFS	2	2	2	2	2
6.17 CFS	2	3	3	3	3
6.83 CFS	3	4	4	4	4
7.50 CFS	5	5	5	5	5
8.17 CFS	6	7	7	7	7
8.83 CFS	8	9	9	9	9
9.50 CFS	11	11	11	11	11
10.17 CFS	14	14	14	14	14
10.83 CFS	18	18	18	18	18
11.50 CFS	24	24	24	24	24
12.17 CFS	34	34	34	34	34
12.83 CFS	47	47	47	47	47
13.50 CFS	64	64	64	64	64
14.17 CFS	91	91	91	91	91
14.83 CFS	124	124	124	124	124
15.50 CFS	167	167	167	167	167

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 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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16.17 CFS	153	151	149	147	145	143	141	138
16.83 CFS	136	134	132	129	127	125	123	121
17.50 CFS	119	116	114	112	110	108	106	104
18.17 CFS	102	101	99	97	95	93	91	89
18.83 CFS	87	86	84	82	80	79	77	76
19.50 CFS	74	73	71	70	69	67	66	65
20.17 CFS	64	62	61	60	59	58	57	56
20.83 CFS	55	54	53	52	51	50	49	48
21.50 CFS	48	47	46	45	44	43	42	41
22.17 CFS	42	41	40	40	39	38	37	36
22.83 CFS	37	36	35	35	34	34	33	33
23.50 CFS	33	32	32	32	31	31	31	30
24.17 CFS	30	29	29	29	28	28	27	27
24.83 CFS	27	26	26	26	25	25	24	24
25.50 CFS	23	23	23	23	22	22	21	21
26.17 CFS	20	20	20	20	19	19	18	18
26.83 CFS	18	17	17	17	16	16	16	16
27.50 CFS	15	15	15	14	14	14	14	14
28.17 CFS	13	13	13	12	12	12	12	12
28.83 CFS	11	11	11	11	10	10	10	10
29.50 CFS	9	9	9	9	9	8	8	8
30.17 CFS	8	8	7	7	7	7	7	7
30.83 CFS	7	6	6	6	6	6	6	6
31.50 CFS	5	5	5	5	5	5	5	5
32.17 CFS	4	4	4	4	4	4	4	4
32.83 CFS	4	4	3	3	3	3	3	3

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 10-YR TY
 STARTING TIME = .00 RAIN DEPTH = 5.25 RAIN DURATION= 1.00
 ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
 ALTERNATE NO.=33 STORM NO.= 3 RAIN TABLE NO.= 9

OPERATION RESVOR STRUCTURE 51

PEAK TIME(HRS)	PEAK DISCHARGE(CFS)				PEAK ELEVATION(FEET)			
14.64	123.0				213.04			
HYDROGRAPH POINTS FOR ALTERNATE =33, STORM = 3								
HRS	MAIN TIME INCREMENT = .08 hr.				DRAINAGE AREA = .37 SQ.MI.			
4.50 CFS	0	1	1	1	1	1	1	1
5.17 CFS	1	1	1	1	1	1	1	1
5.83 CFS	1	1	1	1	1	1	1	1
6.50 CFS	1	1	2	2	2	2	2	2
7.17 CFS	2	2	2	2	2	3	3	3
7.83 CFS	3	3	3	3	3	4	4	4
8.50 CFS	4	4	4	4	5	5	5	5
9.17 CFS	5	6	6	6	6	7	7	7
9.83 CFS	7	7	8	8	8	8	9	9
10.50 CFS	9	10	10	10	11	11	12	12
11.17 CFS	13	13	14	14	15	16	18	20
11.83 CFS	25	29	35	40	46	51	55	59
12.50 CFS	63	67	72	76	80	84	88	92
13.17 CFS	95	98	101	104	107	109	111	113
13.83 CFS	115	117	118	119	120	121	122	122
14.50 CFS	123	123	123	123	123	122	122	121
15.17 CFS	120	120	119	118	117	116	115	113
15.83 CFS	112	111	110	108	107	105	104	103
16.50 CFS	101	100	98	97	95	93	92	90
17.17 CFS	89	87	86	84	83	81	80	78
17.83 CFS	77	75	74	73	71	70	69	67
18.50 CFS	66	65	64	63	61	60	59	58
19.17 CFS	57	56	55	54	53	52	51	50
19.83 CFS	49	49	48	47	46	45	44	44
20.50 CFS	43	42	41	41	40	39	39	38

25.92 CFS	19	19	18	18	18	18	17	17
26.58 CFS	17	16	16	16	16	15	15	15
27.25 CFS	14	14	14	14	13	13	13	13
27.92 CFS	12	12	12	12	11	11	11	11
28.58 CFS	11	10	10	10	10	9	9	9
29.25 CFS	9	9	9	8	8	8	8	8
29.92 CFS	7	7	7	7	7	7	6	6
30.58 CFS	6	6	6	6	6	5	5	5
31.25 CFS	5	5	5	5	5	5	4	4
31.92 CFS	4	4	4	4	4	4	4	4
32.58 CFS	3	3	3	3	3	3	3	3
33.25 CFS	3							

RUNOFF ABOVE BASEFLOW OF .00 CFS
 4.97 WATERSHED INCHES; 1177 CFS-HRS; 97.3 ACRE-FEET.

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DURATION (HRS)	3	6	9	12	15	18	21	24
FLOW(CFS)	123	78	45	28	18	11	7	4
DURATION (HRS)	26							
FLOW(CFS)	3 TRUNCATED							

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 16

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 50-YR TY
 STARTING TIME = .00 RAIN DEPTH = 6.98 RAIN DURATION= 1.00
 ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
 ALTERNATE NO.=35 STORM NO.= 5 RAIN TABLE NO.= 9

OPERATION RESVOR STRUCTURE 51

PEAK TIME(HRS)	PEAK DISCHARGE(CFS)				PEAK ELEVATION(FEET)			
14.71	172.9				214.99			
HYDROGRAPH POINTS FOR ALTERNATE =35, STORM = 5								
HRS	MAIN TIME INCREMENT = .08 hr.				DRAINAGE AREA = .37 SQ.MI.			
3.50 CFS	0	1	1	1	1	1	1	1
4.17 CFS	1	1	1	1	1	1	1	1
4.83 CFS	1	1	1	1	1	1	1	1
5.50 CFS	2	2	2	2	2	2	2	2
6.17 CFS	2	3	3	3	3	3	3	3
6.83 CFS	3	4	4	4	4	4	4	4
7.50 CFS	5	5	5	5	5	6	6	6
8.17 CFS	6	7	7	7	7	8	8	8
8.83 CFS	8	9	9	9	10	10	10	11
9.50 CFS	11	11	12	12	12	13	13	13
10.17 CFS	14	14	15	15	16	16	17	17
10.83 CFS	18	18	19	20	20	21	22	23
11.50 CFS	25	26	29	30	33	39	46	53
12.17 CFS	68	75	81	87	93	99	104	109
12.83 CFS	114	119	124	129	133	138	142	146
13.50 CFS	149	153	156	158	161	163	165	167
14.17 CFS	169	170	171	172	172	173	173	173
14.83 CFS	173	172	172	171	170	169	168	167
15.50 CFS	166	164	163	161	159	158	156	154
16.17 CFS	152	150	148	146	144	141	139	137
16.83 CFS	135	132	130	128	126	124	122	119
17.50 CFS	117	115	113	111	109	107	105	103
18.17 CFS	101	100	98	96	94	92	90	88
18.83 CFS	86	85	83	81	80	78	76	75
19.50 CFS	73	72	71	69	68	67	65	64

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20.17 CFS	63	62	61	60	58	57	56	55
20.83 CFS	54	53	52	52	51	50	49	48
21.50 CFS	47	47	46	45	44	44	43	42
22.17 CFS	42	41	40	40	39	38	38	37
22.83 CFS	37	36	36	35	35	34	34	33
23.50 CFS	33	33	32	32	31	31	31	30
24.17 CFS	30	29	29	29	28	28	27	27
24.83 CFS	27	26	26	25	25	24	24	24
25.50 CFS	23	23	23	22	22	21	21	21
26.17 CFS	20	20	20	19	19	19	18	18
26.83 CFS	18	17	17	17	16	16	16	15
27.50 CFS	15	15	15	14	14	14	14	13
28.17 CFS	13	13	13	12	12	12	12	11
28.83 CFS	11	11	11	10	10	10	10	10
29.50 CFS	9	9	9	9	9	8	8	8
30.17 CFS	8	8	7	7	7	7	7	7
30.83 CFS	6	6	6	6	6	6	6	6
31.50 CFS	5	5	5	5	5	5	5	5
32.17 CFS	4	4	4	4	4	4	4	4
32.83 CFS	4	4	3	3	3	3	3	3

RUNOFF ABOVE BASEFLOW OF .00 CFS
 5.82 WATERSHED INCHES; 1380 CFS-HRS; 114.0 ACRE-FEET.

DURATION (HRS)	3	6	9	12	15	18	21	24
FLOW(CFS)	146	93	52	32	20	13	8	5
DURATION (HRS)	26							
FLOW(CFS)	3 TRUNCATED							

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 17

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 100-YR TY
 STARTING TIME = .00 RAIN DEPTH = 7.80 RAIN DURATION= 1.00
 ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
 ALTERNATE NO.=36 STORM NO.= 6 RAIN TABLE NO.= 9

*** WARNING - DISCHARGE EXCEEDS HIGHEST RATING POINT FOR STRUCTURE 51,
 VALUE EXTRAPOLATED. ***

OPERATION RESVOR STRUCTURE 51

PEAK TIME(HRS)	PEAK DISCHARGE(CFS)				PEAK ELEVATION(FEET)			
14.78	190.4				216.02			
5.92 CFS	1	2	2	2	2	2	2	2
6.58 CFS	2	2	2	2	3	3	3	3
7.25 CFS	3	3	3	4	4	4	4	4
7.92 CFS	4	4	5	5	5	5	6	6
8.58 CFS	6	6	6	6	7	7	7	7
9.25 CFS	8	8	8	8	9	9	9	10
9.92 CFS	10	10	10	11	11	12	12	12
10.58 CFS	13	13	14	14	15	15	16	16
11.25 CFS	17	18	19	19	21	23	26	31
11.92 CFS	37	48	50	57	62	67	73	78
12.58 CFS	83	88	93	98	102	106	110	114
13.25 CFS	118	121	125	128	131	133	136	138
13.92 CFS	140	142	143	145	146	147	147	148
14.58 CFS	148	148	148	148	147	146	145	144
15.25 CFS	144	143	142	141	140	138	137	135
15.92 CFS	133	132	130	128	127	125	123	121
16.58 CFS	120	118	116	114	112	111	109	107
17.25 CFS	105	103	102	100	98	96	95	93
17.92 CFS	91	89	87	86	84	82	81	79
18.58 CFS	78	76	75	73	72	70	69	68
19.25 CFS	66	65	64	63	62	60	59	58
19.92 CFS	57	56	55	54	53	52	51	50
20.58 CFS	50	49	48	47	46	45	44	44
21.25 CFS	43	42	42	41	40	40	39	38
21.92 CFS	38	37	37	36	35	35	34	34
22.58 CFS	33	33	33	32	32	31	31	30
23.25 CFS	30	30	29	29	29	28	28	28
23.92 CFS	27	27	27	26	26	26	25	25
24.58 CFS	25	24	24	24	23	23	22	22
25.25 CFS	22	21	21	21	20	20	20	19

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14.00 CFS	125	126	127	127	128	128	128	128
14.67 CFS	128	128	127	127	126	125	124	123
15.33 CFS	122	121	120	119	117	116	115	113
16.00 CFS	112	110	109	107	106	104	103	101
16.67 CFS	100	98	96	95	93	91	90	88
17.33 CFS	86	85	83	82	80	79	77	76
18.00 CFS	74	73	71	70	69	68	66	65
18.67 CFS	64	63	61	60	59	58	57	56
19.33 CFS	55	54	53	52	51	50	49	48
20.00 CFS	47	47	46	45	44	43	42	42
20.67 CFS	41	40	39	39	38	37	36	36
21.33 CFS	35	34	34	33	33	32	32	31

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 22

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 50-YR Z0
 STARTING TIME = .00 RAIN DEPTH = 6.98 RAIN DURATION= 1.00
 ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
 ALTERNATE NO.=45 STORM NO.= 5 RAIN TABLE NO.= 8

OPERATION RESVOR STRUCTURE 51

PEAK TIME(HRS)	PEAK DISCHARGE(CFS)	PEAK ELEVATION(FEET)						
14.60	177.8	215.28						
HYDROGRAPH POINTS FOR ALTERNATE =45, STORM = 5								
HRS	MAIN TIME INCREMENT = .08 hr,	DRAINAGE AREA = .37 SQ. MI.						
4.50 CFS	0	1	1	1	1	1	1	1
5.17 CFS	1	1	1	1	1	1	1	1
5.83 CFS	1	1	1	1	1	1	1	1
6.50 CFS	2	1	1	1	1	2	2	2
7.17 CFS	3	2	2	2	2	3	3	3
7.83 CFS	5	5	5	4	4	4	4	4
8.50 CFS	7	7	7	7	5	6	6	6
9.17 CFS	9	9	10	10	8	8	8	9
9.83 CFS	12	13	13	13	14	14	15	15
10.50 CFS	16	17	17	18	19	19	20	21
11.17 CFS	22	24	25	27	29	32	35	40
11.83 CFS	47	54	62	70	79	86	93	99
12.50 CFS	104	110	115	120	126	131	136	141
13.17 CFS	146	150	154	157	161	164	166	169
13.83 CFS	171	173	174	175	176	177	177	177
14.50 CFS	178	178	178	178	177	177	177	176
15.17 CFS	175	174	173	172	170	169	167	165
15.83 CFS	163	161	159	157	155	153	150	148
16.50 CFS	146	144	141	139	136	134	132	129
17.17 CFS	127	125	123	120	118	116	114	112
17.83 CFS	110	108	106	104	102	100	98	96
18.50 CFS	94	92	90	88	86	85	83	81
19.17 CFS	80	78	76	75	73	72	70	69
19.83 CFS	68	66	65	64	62	61	60	59
20.50 CFS	58	57	56	55	54	53	52	51
21.17 CFS	50	49	48	47	46	45	44	43
21.83 CFS	43	42	41	40	39	39	38	37
22.50 CFS	37	36	35	35	34	33	33	32
23.17 CFS	32	31	30	30	29	29	28	28
23.83 CFS	27	27	26	26	26	25	25	24
24.50 CFS	24	23	23	22	22	22	21	21

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 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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22.00 CFS	30	30	29	29	28	28	28	27
22.67 CFS	27	26	26	25	25	24	24	24
23.33 CFS	23	23	23	22	22	21	21	21
24.00 CFS	20	20	20	19	19	19	19	18
24.67 CFS	18	18	17	17	17	17	16	16
25.33 CFS	16	15	15	15	15	14	14	14
26.00 CFS	14	13	13	13	13	12	12	12
26.67 CFS	12	11	11	11	11	11	10	10
27.33 CFS	10	10	10	9	9	9	9	9
28.00 CFS	8	8	8	8	8	7	7	7
28.67 CFS	7	7	7	6	6	6	6	6
29.33 CFS	6	6	6	5	5	5	5	5
30.00 CFS	5	5	5	4	4	4	4	4
30.67 CFS	4	4	4	4	4	3	3	3
31.33 CFS	3	3	3	3	3	3	3	3
32.00 CFS	3	3	2	2	2	2	2	2
32.67 CFS	2	2	2	2	2	2	2	2

RUNOFF ABOVE BASEFLOW OF .00 CFS
 4.16 WATERSHED INCHES; 985 CFS-HRS; 81.4 ACRE-FEET.

DURATION (HRS)	3	6	9	12	15	18	21	24
FLOW (CFS)	107	67	38	22	13	8	5	3
DURATION (HRS)	26							
FLOW (CFS)	2 TRUNCATED							

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 21

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 25-YR Z0
 STARTING TIME = .00 RAIN DEPTH = 6.10 RAIN DURATION= 1.00
 ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
 ALTERNATE NO.=44 STORM NO.= 4 RAIN TABLE NO.= 8

OPERATION RESVOR STRUCTURE 51

PEAK TIME(HRS)	PEAK DISCHARGE(CFS)	PEAK ELEVATION(FEET)						
14.54	153.9	214.24						
HYDROGRAPH POINTS FOR ALTERNATE =44, STORM = 4								
HRS	MAIN TIME INCREMENT = .08 hr,	DRAINAGE AREA = .37 SQ. MI.						
4.92 CFS	0	1	1	1	1	1	1	1
5.58 CFS	1	1	1	1	1	1	1	1
6.25 CFS	1	1	1	1	1	1	2	2
6.92 CFS	2	2	2	2	2	2	3	3
7.58 CFS	3	3	3	3	3	4	4	4

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 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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8.25 CFS	4	4	5	5	5	5	6	6
8.92 CFS	6	6	7	7	7	7	8	8
9.58 CFS	8	9	9	9	10	10	11	11
10.25 CFS	11	12	12	13	13	14	14	15
10.92 CFS	15	16	17	18	19	20	21	23
11.58 CFS	25	28	32	38	45	51	59	65
12.25 CFS	72	77	83	88	93	98	103	107
12.92 CFS	112	116	120	124	127	131	134	137
13.58 CFS	140	142	145	147	148	150	151	152
14.25 CFS	153	153	154	154	154	154	153	153
14.92 CFS	152	152	151	150	149	147	146	144
15.58 CFS	143	141	140	138	136	134	133	131
16.25 CFS	129	127	125	123	121	119	117	115
16.92 CFS	114	112	110	108	106	104	102	101
17.58 CFS	99	97	95	93	91	90	88	86
18.25 CFS	84	83	81	79	78	76	75	73
18.92 CFS	72	70	69	68	66	65	64	63
19.58 CFS	61	60	59	58	57	56	55	54
20.25 CFS	53	52	51	50	49	48	47	46
20.92 CFS	45	45	44	43	42	41	40	40
21.58 CFS	39	38	38	37	36	35	35	34
22.25 CFS	34	33	32	32	31	31	30	30
22.92 CFS	29	29	28	28	27	27	26	26
23.58 CFS	25	25	25	24	24	23	23	23
24.25 CFS	22	22	21	21	21	20	20	20
24.92 CFS	19	19	19	18	18	18	17	17
25.58 CFS	17	16	16	16	16	15	15	15
26.25 CFS	14	14	14	14	13	13	13	13
26.92 CFS	12	12	12	12	11	11	11	11
27.58 CFS	11	10	10	10	10	9	9	9
28.25 CFS	9	9	8	8	8	8	8	8
28.92 CFS	7	7	7	7	7	6	6	6
29.58 CFS	6	6	6	6	6	5	5	5
30.25 CFS	5	5	5	5	5	4	4	4
30.92 CFS	4	4	4	4	4	4	4	3
31.58 CFS	3	3	3	3	3	3	3	3
32.25 CFS	3	3	3	3	2	2	2	2
32.92 CFS	2	2	2	2	2	2	2	2

RUNOFF ABOVE BASEFLOW OF .00 CFS
 4.97 WATERSHED INCHES; 1179 CFS-HRS; 97.5 ACRE-FEET.

DURATION (HRS)	3	6	9	12	15	18	21	24
FLOW (CFS)	127	81	45	25	15	10	6	3
DURATION (HRS)	25							
FLOW (CFS)	2 TRUNCATED							

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 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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25.17 CFS	20	20	20	19	19	19	18	18
25.83 CFS	18	17	17	17	16	16	16	15
26.50 CFS	15	15	15	14	14	14	13	13
27.17 CFS	13	13	12	12	12	12	11	11
27.83 CFS	11	11	10	10	10	10	10	9
28.50 CFS	9	9	9	9	8	8	8	8
29.17 CFS	8	8	7	7	7	7	7	7
29.83 CFS	6	6	6	6	6	6	6	5
30.50 CFS	5	5	5	5	5	5	5	4
31.17 CFS	4	4	4	4	4	4	4	4
31.83 CFS	4	3	3	3	3	3	3	3
32.50 CFS	3	3	3	3	3	3	3	3
33.17 CFS	2	2	2	2	2	2	2	2

RUNOFF ABOVE BASEFLOW OF .00 CFS
 5.83 WATERSHED INCHES; 1382 CFS-HRS; 114.2 ACRE-FEET.

DURATION (HRS)	3	6	9	12	15	18	21	24
FLOW (CFS)	150	96	52	29	18	11	7	4
DURATION (HRS)	26							
FLOW (CFS)	2 TRUNCATED							

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 23

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 100-YR Z
 STARTING TIME = .00 RAIN DEPTH = 7.80 RAIN DURATION= 1.00
 ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
 ALTERNATE NO.=46 STORM NO.= 6 RAIN TABLE NO.= 8

*** WARNING - DISCHARGE EXCEEDS HIGHEST RATING POINT FOR STRUCTURE 49, VALUE EXTRAPOLATED. ***

*** WARNING - DISCHARGE EXCEEDS HIGHEST RATING POINT FOR STRUCTURE 51, VALUE EXTRAPOLATED. ***

OPERATION RESVOR STRUCTURE 51

PEAK TIME(HRS)	PEAK DISCHARGE(CFS)	PEAK ELEVATION(FEET)						
14.64	196.7	216.39						
HYDROGRAPH POINTS FOR ALTERNATE =46, STORM = 6								
HRS	MAIN TIME INCREMENT = .08 hr,	DRAINAGE AREA = .37 SQ. MI.						
4.17 CFS	0	1	1	1	1	1	1	1
4.83 CFS	1	1	1	1	1	1	1	1
5.50 CFS	1	1	1	1	1	2	2	2

TR20 -----
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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6.17 CFS	2	2	2	2	2	3	3	3
6.83 CFS	3	3	4	4	4	4	4	5
7.50 CFS	5	5	5	6	6	6	6	7
8.17 CFS	7	7	8	8	8	9	9	9
8.83 CFS	10	10	10	11	11	12	12	12
9.50 CFS	13	13	14	14	15	15	16	16
10.17 CFS	17	17	18	19	19	20	21	22
10.83 CFS	23	23	24	26				

20.17 CFS	71	70	68	67	66	64	63	62
20.83 CFS	61	59	58	57	56	55	54	53
21.50 CFS	52	51	50	49	48	47	46	46
22.17 CFS	45	44	43	42	41	40	40	39
22.83 CFS	38	37	37	36	35	35	34	33
23.50 CFS	33	32	32	31	31	30	29	29
24.17 CFS	28	28	27	27	26	26	25	25
24.83 CFS	24	24	23	23	23	22	22	21
25.50 CFS	21	20	20	20	19	19	18	18
26.17 CFS	18	17	17	17	16	16	16	16
26.83 CFS	15	15	15	14	14	14	14	13
27.50 CFS	13	13	12	12	12	12	11	11
28.17 CFS	11	11	11	10	10	10	9	9
28.83 CFS	9	9	9	9	8	8	8	8
29.50 CFS	8	7	7	7	7	7	7	6
30.17 CFS	6	6	6	6	6	6	5	5
30.83 CFS	5	5	5	5	5	5	4	4
31.50 CFS	4	4	4	4	4	4	4	4
32.17 CFS	4	3	3	3	3	3	3	3
32.83 CFS	3	3	3	3	3	3	3	3

RUNOFF ABOVE BASEFLOW OF .00 CFS
6.63 WATERSHED INCHES; 1572 CFS-HRS; 129.9 ACRE-FEET.

1 TR20 -----
MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
02/21/** MDTPZL04 19 SEPT 2002 8' RECT. WEIR 24-HR ZONE 5 10/01/90
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DURATION (HRS)	3	6	9	12	15	18	21	24	
FLOW (CFS)	175	110	59	33	20	13	8	4	
DURATION (HRS)	27	3 TRUNCATED							
FLOW (CFS)	3	3 TRUNCATED							

1 TR20 -----
MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
02/21/** MDTPZL04 19 SEPT 2002 8' RECT. WEIR 24-HR ZONE 5 10/01/90
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
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RAINFALL OF 2.52 inches AND 6.00 hr DURATION, BEGINS AT .0 hrs.
RAINTABLE NUMBER 7, AMC 2
MAIN TIME INCREMENT .08 HOURS

ALTERNATE 11 STORM 1							
XSECTION 44	RUNOFF	.06	1.63	---	2.55	79	1316.7
XSECTION 45	RUNOFF	.00	2.46	---	2.32	7	*****
XSECTION 45	ADDHYD	.07	1.66	---	2.55	80	1142.9
STRUCTURE 45	RESVOR	.07	1.66	222.82	2.89	35	500.0
XSECTION 146	RUNOFF	.00	1.87	---	2.47	7	*****
XSECTION 146	ADDHYD	.07	1.67	---	2.86	37	528.6
XSECTION 46	RUNOFF	.00	1.87	---	2.47	7	*****
XSECTION 46	ADDHYD	.07	1.68	---	2.83	39	557.1
XSECTION 27	RUNOFF	.18	1.71	---	2.57	216	1200.0
XSECTION 28	RUNOFF	.00	2.46	---	2.32	14	*****
XSECTION 28	ADDHYD	.18	1.73	---	2.56	218	1211.1
STRUCTURE 28	RESVOR	.18	1.73	219.45	3.13	61	338.9
XSECTION 132	RUNOFF	.00	1.88	---	2.51	7	*****
XSECTION 132	ADDHYD	.18	1.73	---	3.12	63	350.0
XSECTION 32	RUNOFF	.00	1.88	---	2.51	7	*****
XSECTION 32	ADDHYD	.19	1.74	---	3.11	64	336.8
XSECTION 133	ADDHYD	.26	1.72	---	3.03	99	380.8
XSECTION 47	RUNOFF	.02	1.63	---	2.49	22	1100.0
XSECTION 147	RUNOFF	.00	2.46	---	2.32	15	*****
XSECTION 148	ADDHYD	.02	1.83	---	2.37	29	1450.0
XSECTION 100	ADDHYD	.28	1.73	---	3.00	106	378.6
XSECTION 49	RUNOFF	.04	1.13	---	2.50	37	925.0
XSECTION 149	RUNOFF	.00	2.46	---	2.32	7	*****
XSECTION 150	ADDHYD	.04	1.20	---	2.49	39	975.0
XSECTION 101	ADDHYD	.32	1.66	---	2.52	124	387.5
STRUCTURE 49	RESVOR	.32	1.66	214.49	3.85	67	209.4
XSECTION 50	RUNOFF	.04	1.13	---	2.50	40	1000.0
XSECTION 51	RUNOFF	.00	2.46	---	2.32	5	*****

1 TR20 -----
MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
02/21/** MDTPZL04 19 SEPT 2002 8' RECT. WEIR 24-HR ZONE 5 10/01/90
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
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RAINFALL OF 3.42 inches AND 6.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE 11 STORM 1							
XSECTION 51	ADDHYD	.04	1.19	---	2.50	42	1050.0
XSECTION 102	ADDHYD	.37	1.61	---	3.71	71	191.9
STRUCTURE 51	RESVOR	.37	1.61	210.34	5.61	54	145.9
ALTERNATE 12 STORM 2							
XSECTION 44	RUNOFF	.06	2.46	---	2.54	119	1983.3
XSECTION 45	RUNOFF	.00	3.34	---	2.32	10	*****
XSECTION 45	ADDHYD	.07	2.49	---	2.53	121	1728.6
STRUCTURE 45	RESVOR	.07	2.49	223.34	2.84	59	842.9
XSECTION 146	RUNOFF	.00	2.75	---	2.47	10	*****

XSECTION 146	ADDHYD	.07	2.51	---	2.81	62	885.7
XSECTION 46	RUNOFF	.00	2.75	---	2.47	10	*****
XSECTION 46	ADDHYD	.07	2.52	---	2.77	65	928.6
XSECTION 27	RUNOFF	.18	2.55	---	2.57	322	1788.9
XSECTION 28	RUNOFF	.00	3.34	---	2.32	18	*****
XSECTION 28	ADDHYD	.18	2.58	---	2.56	325	1805.6
STRUCTURE 28	RESVOR	.18	2.58	220.39	2.99	119	661.1
XSECTION 132	RUNOFF	.00	2.75	---	2.51	10	*****
XSECTION 132	ADDHYD	.18	2.58	---	2.97	121	672.2
XSECTION 32	RUNOFF	.00	2.75	---	2.51	10	*****
XSECTION 32	ADDHYD	.19	2.58	---	2.95	124	652.6
XSECTION 133	ADDHYD	.26	2.57	---	2.89	186	715.4
XSECTION 47	RUNOFF	.02	2.44	---	2.48	33	1650.0
XSECTION 147	RUNOFF	.00	3.34	---	2.32	20	*****
XSECTION 148	ADDHYD	.02	2.67	---	2.37	42	2100.0
XSECTION 100	ADDHYD	.28	2.57	---	2.84	198	707.1
XSECTION 49	RUNOFF	.04	1.87	---	2.50	63	1575.0
XSECTION 149	RUNOFF	.00	3.34	---	2.32	9	*****

1 TR20 -----
MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
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RAINFALL OF 4.02 inches AND 6.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE 12 STORM 2							
XSECTION 150	ADDHYD	.04	1.95	---	2.49	65	1625.0
XSECTION 101	ADDHYD	.32	2.49	---	2.73	224	700.0
STRUCTURE 49	RESVOR	.32	2.49	215.55	3.76	115	359.4
XSECTION 50	RUNOFF	.04	1.87	---	2.50	68	1700.0
XSECTION 51	RUNOFF	.00	3.34	---	2.32	7	*****
XSECTION 51	ADDHYD	.04	1.93	---	2.49	70	1750.0
XSECTION 102	ADDHYD	.37	2.43	---	3.66	122	329.7
STRUCTURE 51	RESVOR	.37	2.43	211.63	5.30	87	235.1
ALTERNATE 13 STORM 3							
XSECTION 44	RUNOFF	.06	3.03	---	2.54	145	2416.7
XSECTION 45	RUNOFF	.00	3.93	---	2.32	11	*****
XSECTION 45	ADDHYD	.07	3.06	---	2.53	147	2100.0
STRUCTURE 45	RESVOR	.07	3.06	223.68	2.82	76	1085.7
XSECTION 146	RUNOFF	.00	3.34	---	2.47	12	*****
XSECTION 146	ADDHYD	.07	3.08	---	2.80	79	1128.6
XSECTION 46	RUNOFF	.00	3.34	---	2.47	12	*****
XSECTION 46	ADDHYD	.07	3.09	---	2.77	83	1185.7
XSECTION 27	RUNOFF	.18	3.13	---	2.56	393	2183.3
XSECTION 28	RUNOFF	.00	3.34	---	2.32	22	*****
XSECTION 28	ADDHYD	.18	3.15	---	2.55	396	2200.0
STRUCTURE 28	RESVOR	.18	3.15	221.05	2.96	153	850.0
XSECTION 132	RUNOFF	.00	3.34	---	2.51	12	*****
XSECTION 132	ADDHYD	.18	3.16	---	2.94	156	866.7
XSECTION 32	RUNOFF	.00	3.34	---	2.51	12	*****
XSECTION 32	ADDHYD	.19	3.16	---	2.93	159	836.8
XSECTION 133	ADDHYD	.26	3.14	---	2.86	240	923.1
XSECTION 47	RUNOFF	.02	3.01	---	2.48	40	2000.0

1 TR20 -----
MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
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RAINFALL OF 4.63 inches AND 6.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE 13 STORM 3							
XSECTION 147	RUNOFF	.00	3.93	---	2.32	23	*****
XSECTION 148	ADDHYD	.02	3.23	---	2.37	51	2550.0
XSECTION 100	ADDHYD	.28	3.15	---	2.82	254	907.1
XSECTION 49	RUNOFF	.04	2.39	---	2.49	80	2000.0
XSECTION 149	RUNOFF	.00	3.93	---	2.32	11	*****
XSECTION 150	ADDHYD	.04	2.47	---	2.48	84	2100.0
XSECTION 101	ADDHYD	.32	3.06	---	2.64	295	921.9
STRUCTURE 49	RESVOR	.32	3.06	216.22	3.78	145	453.1
XSECTION 50	RUNOFF	.04	2.39	---	2.49	87	2175.0
XSECTION 51	RUNOFF	.00	3.93	---	2.32	9	*****
XSECTION 51	ADDHYD	.04	2.45	---	2.49	90	2250.0
XSECTION 102	ADDHYD	.37	2.99	---	3.67	153	413.5
STRUCTURE 51	RESVOR	.37	2.99	212.49	5.30	109	294.6
ALTERNATE 14 STORM 4							
XSECTION 44	RUNOFF	.06	3.62	---	2.54	172	2866.7
XSECTION 45	RUNOFF	.00	4.53	---	2.32	13	*****
XSECTION 45	ADDHYD	.07	3.65	---	2.53	175	2500.0
STRUCTURE 45	RESVOR	.07	3.65	224.00	2.80	94	1342.9
XSECTION 146	RUNOFF	.00	3.94	---	2.47	14	*****

XSECTION 146	ADDHYD	.07	3.67	---	2.78	99	1414.3
XSECTION 46	RUNOFF	.00	3.94	---	2.47	14	*****
XSECTION 46	ADDHYD	.07	3.68	---	2.75	104	1485.7
XSECTION 27	RUNOFF	.18	3.72	---	2.56	463	2572.2
XSECTION 28	RUNOFF	.00	4.53	---	2.32	25	*****
XSECTION 28	ADDHYD	.18	3.75	---	2.56	467	2594.4
STRUCTURE 28	RESVOR	.18	3.74	221.71	2.94	188	1044.4
XSECTION 132	RUNOFF	.00	3.94	---	2.51	14	*****

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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
 A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
 F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

TR20 -----
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
 A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
 F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE			
				ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
ALTERNATE 14 STORM 4							
XSECTION 132	ADDHYD	.18	3.75	---	2.93	192	1066.7
XSECTION 32	RUNOFF	.00	3.94	---	2.51	14	*****
XSECTION 32	ADDHYD	.19	3.75	---	2.91	195	1026.3
XSECTION 133	ADDHYD	.26	3.73	---	2.84	296	1138.5
XSECTION 47	RUNOFF	.02	3.61	---	2.48	47	2350.0
XSECTION 147	RUNOFF	.00	4.53	---	2.32	27	*****
XSECTION 148	ADDHYD	.02	3.83	---	2.37	60	3000.0
XSECTION 100	ADDHYD	.28	3.74	---	2.79	314	1121.4
XSECTION 49	RUNOFF	.04	2.93	---	2.49	98	2450.0
XSECTION 149	RUNOFF	.00	4.53	---	2.32	12	*****
XSECTION 150	ADDHYD	.04	3.02	---	2.48	102	2550.0
XSECTION 101	ADDHYD	.32	3.65	---	2.62	369	1153.1
STRUCTURE 49	RESVOR	.32	3.65	216.88	3.78	175	546.9
XSECTION 50	RUNOFF	.04	2.93	---	2.49	106	2650.0
XSECTION 51	RUNOFF	.00	4.53	---	2.32	10	*****
XSECTION 51	ADDHYD	.04	3.00	---	2.48	110	2750.0
XSECTION 102	ADDHYD	.37	3.57	---	3.67	185	500.0
STRUCTURE 51	RESVOR	.37	3.57	213.38	5.32	132	356.8

RAINFALL OF 5.20 inches AND 6.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE 15 STORM 5

XSECTION 44	RUNOFF	.06	4.17	---	2.54	198	3300.0
XSECTION 45	RUNOFF	.00	5.08	---	2.32	15	*****
XSECTION 45	ADDHYD	.07	4.20	---	2.53	201	2871.4
STRUCTURE 45	RESVOR	.07	4.21	224.29	2.79	112	1600.0
XSECTION 146	RUNOFF	.00	4.50	---	2.47	16	*****
XSECTION 146	ADDHYD	.07	4.22	---	2.77	117	1671.4
XSECTION 46	RUNOFF	.00	4.50	---	2.47	16	*****
XSECTION 46	ADDHYD	.07	4.24	---	2.74	123	1757.1

TR20 -----
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
 A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
 F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE			
				ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
ALTERNATE 15 STORM 5							
XSECTION 27	RUNOFF	.18	4.28	---	2.56	531	2950.0
XSECTION 28	RUNOFF	.00	5.08	---	2.32	28	*****
XSECTION 28	ADDHYD	.18	4.30	---	2.55	536	2977.8
STRUCTURE 28	RESVOR	.18	4.30	222.31	2.93	218	1211.1
XSECTION 132	RUNOFF	.00	4.50	---	2.50	15	*****
XSECTION 132	ADDHYD	.18	4.31	---	2.92	222	1233.3
XSECTION 32	RUNOFF	.00	4.50	---	2.50	15	*****
XSECTION 32	ADDHYD	.19	4.31	---	2.89	227	1194.7
XSECTION 133	ADDHYD	.26	4.29	---	2.82	345	1326.9
XSECTION 47	RUNOFF	.02	4.17	---	2.48	54	2700.0
XSECTION 147	RUNOFF	.00	5.08	---	2.32	30	*****
XSECTION 148	ADDHYD	.02	4.39	---	2.37	68	3400.0
XSECTION 100	ADDHYD	.28	4.30	---	2.77	368	1314.3
XSECTION 49	RUNOFF	.04	3.45	---	2.49	115	2875.0
XSECTION 149	RUNOFF	.00	5.08	---	2.32	14	*****
XSECTION 150	ADDHYD	.04	3.54	---	2.48	120	3000.0
XSECTION 101	ADDHYD	.32	4.20	---	2.61	437	1365.6
STRUCTURE 49	RESVOR	.32	4.20	217.48	3.77	202	631.3
XSECTION 50	RUNOFF	.04	3.45	---	2.49	125	3125.0
XSECTION 51	RUNOFF	.00	5.08	---	2.32	11	*****
XSECTION 51	ADDHYD	.04	3.52	---	2.48	128	3200.0
XSECTION 102	ADDHYD	.37	4.12	---	3.66	213	575.7
STRUCTURE 51	RESVOR	.37	4.12	214.18	5.35	153	413.5

RAINFALL OF 5.94 inches AND 6.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE 16 STORM 6

XSECTION 44	RUNOFF	.06	4.89	---	2.54	230	3833.3
XSECTION 45	RUNOFF	.00	5.81	---	2.32	17	*****
XSECTION 45	ADDHYD	.07	4.93	---	2.53	234	3342.9

TR20 -----
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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ALTERNATE 16 STORM 6

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE			
				ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
STRUCTURE 45	RESVOR	.07	4.93	224.64	2.78	135	1928.6
XSECTION 146	RUNOFF	.00	5.24	---	2.46	18	*****
XSECTION 146	ADDHYD	.07	4.95	---	2.76	141	2014.3
XSECTION 46	RUNOFF	.00	5.24	---	2.46	18	*****
XSECTION 46	ADDHYD	.07	4.96	---	2.73	148	2114.3
XSECTION 27	RUNOFF	.18	5.01	---	2.55	614	3411.1
XSECTION 28	RUNOFF	.00	5.81	---	2.32	32	*****
XSECTION 28	ADDHYD	.18	5.03	---	2.55	620	3444.4
STRUCTURE 28	RESVOR	.18	5.03	223.09	2.93	254	1411.1
XSECTION 132	RUNOFF	.00	5.24	---	2.50	18	*****
XSECTION 132	ADDHYD	.18	5.03	---	2.91	259	1438.9
XSECTION 32	RUNOFF	.00	5.24	---	2.50	18	*****
XSECTION 32	ADDHYD	.19	5.04	---	2.88	265	1394.7
XSECTION 133	ADDHYD	.26	5.06	---	2.80	407	1565.4
XSECTION 47	RUNOFF	.02	4.89	---	2.48	63	3150.0
XSECTION 147	RUNOFF	.00	5.81	---	2.32	35	*****
XSECTION 148	ADDHYD	.02	5.11	---	2.37	79	3950.0
XSECTION 100	ADDHYD	.28	5.02	---	2.75	435	1553.6
XSECTION 49	RUNOFF	.04	4.14	---	2.49	137	3425.0
XSECTION 149	RUNOFF	.00	5.81	---	2.32	16	*****
XSECTION 150	ADDHYD	.04	4.23	---	2.48	142	3550.0
XSECTION 101	ADDHYD	.32	4.92	---	2.60	525	1640.6
STRUCTURE 49	RESVOR	.32	4.93	218.35	3.76	241	753.1
XSECTION 50	RUNOFF	.04	4.14	---	2.49	148	3700.0
XSECTION 51	RUNOFF	.00	5.81	---	2.32	13	*****
XSECTION 51	ADDHYD	.04	4.21	---	2.48	153	3825.0
XSECTION 102	ADDHYD	.37	4.84	---	3.68	254	686.5
STRUCTURE 51	RESVOR	.37	4.84	215.24	5.41	177	478.4

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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
 A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
 F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE			
				ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
ALTERNATE 21 STORM 1							
XSECTION 44	RUNOFF	.06	2.52	---	12.12	98	1633.3
XSECTION 45	RUNOFF	.00	3.54	---	11.86	7	*****
XSECTION 45	ADDHYD	.07	2.56	---	12.12	98	1400.0
STRUCTURE 45	RESVOR	.07	2.56	223.06	12.40	46	657.1
XSECTION 146	RUNOFF	.00	2.81	---	12.05	8	*****
XSECTION 146	ADDHYD	.07	2.57	---	12.37	48	685.7
XSECTION 46	RUNOFF	.00	2.81	---	12.05	8	*****
XSECTION 46	ADDHYD	.07	2.59	---	12.34	51	728.6
XSECTION 27	RUNOFF	.18	2.62	---	12.13	263	1461.1
XSECTION 28	RUNOFF	.00	3.54	---	11.86	13	*****
XSECTION 28	ADDHYD	.18	2.64	---	12.13	265	1472.2
STRUCTURE 28	RESVOR	.18	2.63	219.95	12.52	96	533.3
XSECTION 132	RUNOFF	.00	2.81	---	12.09	8	*****
XSECTION 132	ADDHYD	.18	2.64	---	12.51	98	544.4
XSECTION 32	RUNOFF	.00	2.81	---	12.09	8	*****
XSECTION 32	ADDHYD	.19	2.64	---	12.50	100	526.3
XSECTION 133	ADDHYD	.26	2.62	---	12.45	148	569.2
XSECTION 47	RUNOFF	.02	2.52	---	12.06	27	1350.0
XSECTION 147	RUNOFF	.00	3.54	---	11.86	14	*****
XSECTION 148	ADDHYD	.02	2.77	---	11.99	36	1800.0
XSECTION 100	ADDHYD	.28	2.63	---	12.43	156	557.1
XSECTION 49	RUNOFF	.04	1.92	---	12.07	52	1300.0

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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
 A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
 F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE			
				ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
ALTERNATE 21 STORM 1							
XSECTION 149	RUNOFF	.00	3.54	---	11.86	6	*****
XSECTION 150	ADDHYD	.04	2.00	---	12.05	54	1350.0
XSECTION 101	ADDHYD	.32	2.56	---	12.33	173	540.6
STRUCTURE 49	RESVOR	.32	2.55	215.02	13.22	91	284.4

XSECTION 50	RUNOFF	.04	1.92	---	12.07	57	1425.0
XSECTION 51	RUNOFF	.00	3.54	---	11.86	5	*****
XSECTION 51	ADDHYD	.04	1.98	---	12.06	58	1450.0
XSECTION 102	ADDHYD	.37	2.49	---	13.15	96	259.5
STRUCTURE 51	RESVOR	.37	2.47	210.98	14.72	70	189.2

XSECTION 51	RUNOFF	.00	5.34	---	11.86	8	*****
XSECTION 51	ADDHYD	.04	3.57	---	12.05	104	2600.0
XSECTION 102	ADDHYD	.37	4.17	---	12.11	172	464.9
STRUCTURE 51	RESVOR	.37	4.15	213.07	14.67	124	335.1

RAINFALL OF 4.55 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

RAINFALL OF 6.10 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE 22 STORM 2							
XSECTION 44	RUNOFF	.06	3.54	---	12.11	136	2266.7
XSECTION 45	RUNOFF	.00	4.63	---	11.86	9	*****
XSECTION 45	ADDHYD	.07	3.58	---	12.11	136	1942.9
STRUCTURE 45	RESVOR	.07	3.59	223.55	12.38	68	971.4
XSECTION 146	RUNOFF	.00	3.86	---	12.05	11	*****

ALTERNATE 24 STORM 4							
XSECTION 44	RUNOFF	.06	5.05	---	12.11	190	3166.7
XSECTION 45	RUNOFF	.00	6.21	---	11.86	12	*****
XSECTION 45	ADDHYD	.07	5.09	---	12.11	191	2728.6
STRUCTURE 45	RESVOR	.07	5.09	224.17	12.36	104	1485.7
XSECTION 146	RUNOFF	.00	5.38	---	12.05	15	*****

XSECTION 146	ADDHYD	.07	3.60	---	12.36	72	1028.6
XSECTION 46	RUNOFF	.00	3.86	---	12.05	11	*****
XSECTION 46	ADDHYD	.07	3.62	---	12.32	75	1071.4
XSECTION 27	RUNOFF	.18	3.65	---	12.13	363	2016.7
XSECTION 28	RUNOFF	.00	4.63	---	11.86	17	*****

XSECTION 146	ADDHYD	.07	5.11	---	12.34	109	1557.1
XSECTION 46	RUNOFF	.00	5.38	---	12.05	15	*****

XSECTION 28	ADDHYD	.18	3.67	---	12.13	365	2027.8
STRUCTURE 28	RESVOR	.18	3.66	220.91	12.49	145	805.6
XSECTION 132	RUNOFF	.00	3.86	---	12.08	11	*****
XSECTION 132	ADDHYD	.18	3.67	---	12.47	148	822.2
XSECTION 32	RUNOFF	.00	3.86	---	12.08	11	*****

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XSECTION 32	ADDHYD	.19	3.67	---	12.45	151	794.7
XSECTION 133	ADDHYD	.26	3.66	---	12.41	224	861.5

SUMMARY TABLE 1
SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

ALTERNATE 22 STORM 2							
XSECTION 47	RUNOFF	.02	3.55	---	12.06	38	1900.0
XSECTION 147	RUNOFF	.00	4.63	---	11.86	19	*****
XSECTION 148	ADDHYD	.02	3.81	---	12.00	49	2450.0
XSECTION 100	ADDHYD	.28	3.67	---	12.35	237	846.4
XSECTION 49	RUNOFF	.04	2.86	---	12.07	79	1975.0

ALTERNATE 24 STORM 4							
XSECTION 46	ADDHYD	.07	5.13	---	12.30	114	1628.6
XSECTION 27	RUNOFF	.18	5.16	---	12.13	504	2800.0
XSECTION 28	RUNOFF	.00	6.21	---	11.86	23	*****
XSECTION 28	ADDHYD	.18	5.19	---	12.13	507	2816.7
STRUCTURE 28	RESVOR	.18	5.17	222.23	12.47	214	1188.9

SUMMARY TABLE 1
SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

ALTERNATE 22 STORM 2							
XSECTION 149	RUNOFF	.00	4.63	---	11.86	8	*****
XSECTION 150	ADDHYD	.04	2.96	---	12.05	81	2025.0
XSECTION 101	ADDHYD	.32	3.58	---	12.18	287	896.9
STRUCTURE 49	RESVOR	.32	3.57	216.01	13.24	136	425.0
XSECTION 50	RUNOFF	.04	2.86	---	12.07	85	2125.0

SUMMARY TABLE 1
SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

ALTERNATE 24 STORM 4							
XSECTION 132	RUNOFF	.00	5.39	---	12.08	15	*****
XSECTION 132	ADDHYD	.18	5.18	---	12.45	218	1211.1
XSECTION 32	RUNOFF	.00	5.39	---	12.08	15	*****
XSECTION 32	ADDHYD	.19	5.18	---	12.42	223	1173.7
XSECTION 133	ADDHYD	.26	5.17	---	12.37	335	1288.5

XSECTION 51	RUNOFF	.00	4.63	---	11.86	7	*****
XSECTION 51	ADDHYD	.04	2.94	---	12.06	87	2175.0
XSECTION 102	ADDHYD	.37	3.50	---	13.19	143	386.5
STRUCTURE 51	RESVOR	.37	3.48	212.24	14.64	103	278.4

ALTERNATE 24 STORM 4							
XSECTION 149	RUNOFF	.00	6.21	---	11.86	11	*****
XSECTION 150	ADDHYD	.04	4.38	---	12.05	118	2950.0
XSECTION 101	ADDHYD	.32	5.08	---	12.16	431	1346.9
STRUCTURE 49	RESVOR	.32	5.07	217.34	13.25	195	609.4
XSECTION 50	RUNOFF	.04	4.28	---	12.06	125	3125.0

XSECTION 51	RUNOFF	.00	4.63	---	11.86	7	*****
XSECTION 51	ADDHYD	.04	2.94	---	12.06	87	2175.0
XSECTION 102	ADDHYD	.37	3.50	---	13.19	143	386.5
STRUCTURE 51	RESVOR	.37	3.48	212.24	14.64	103	278.4

ALTERNATE 24 STORM 4							
XSECTION 51	RUNOFF	.00	6.21	---	11.86	9	*****
XSECTION 51	ADDHYD	.04	4.36	---	12.05	127	3175.0
XSECTION 102	ADDHYD	.37	4.99	---	12.11	210	567.6
STRUCTURE 51	RESVOR	.37	4.97	214.04	14.70	149	402.7

RAINFALL OF 5.25 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

RAINFALL OF 6.98 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE 23 STORM 3							
XSECTION 44	RUNOFF	.06	4.22	---	12.11	160	2666.7
XSECTION 45	RUNOFF	.00	5.34	---	11.86	11	*****
XSECTION 45	ADDHYD	.07	4.26	---	12.11	161	2300.0
STRUCTURE 45	RESVOR	.07	4.27	223.84	12.37	85	1214.3
XSECTION 146	RUNOFF	.00	4.55	---	12.05	13	*****

ALTERNATE 25 STORM 5							
XSECTION 44	RUNOFF	.06	5.91	---	12.11	220	3666.7
XSECTION 45	RUNOFF	.00	7.10	---	11.86	14	*****

XSECTION 146	ADDHYD	.07	4.28	---	12.35	89	1271.4
XSECTION 46	RUNOFF	.00	4.55	---	12.05	13	*****
XSECTION 46	ADDHYD	.07	4.30	---	12.32	93	1328.6
XSECTION 27	RUNOFF	.18	4.33	---	12.13	428	2377.8
XSECTION 28	RUNOFF	.00	5.34	---	11.86	20	*****
XSECTION 28	ADDHYD	.18	4.35	---	12.13	430	2388.9
STRUCTURE 28	RESVOR	.18	4.34	221.51	12.47	177	983.3

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ALTERNATE 23 STORM 3							
XSECTION 132	RUNOFF	.00	4.55	---	12.08	12	*****
XSECTION 132	ADDHYD	.18	4.35	---	12.46	191	1005.6
XSECTION 32	RUNOFF	.00	4.55	---	12.08	12	*****
XSECTION 32	ADDHYD	.19	4.35	---	12.44	185	973.7
XSECTION 133	ADDHYD	.26	4.34	---	12.39	275	1057.7

SUMMARY TABLE 1
SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

ALTERNATE 25 STORM 5							
XSECTION 45	ADDHYD	.07	5.96	---	12.11	221	3157.1
STRUCTURE 45	RESVOR	.07	5.96	224.50	12.35	124	1771.4
XSECTION 146	RUNOFF	.00	6.26	---	12.05	17	*****
XSECTION 146	ADDHYD	.07	5.98	---	12.33	130	1857.1
XSECTION 46	RUNOFF	.00	6.26	---	12.05	17	*****

SUMMARY TABLE 1
SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

ALTERNATE 23 STORM 3							
XSECTION 47	RUNOFF	.02	4.23	---	12.06	45	2250.0
XSECTION 147	RUNOFF	.00	5.34	---	11.86	22	*****
XSECTION 148	ADDHYD	.02	4.50	---	12.00	57	2850.0
XSECTION 100	ADDHYD	.28	4.35	---	12.34	291	1039.3
XSECTION 49	RUNOFF	.04	3.49	---	12.06	94	2350.0

SUMMARY TABLE 1
SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

ALTERNATE 25 STORM 5							
XSECTION 46	ADDHYD	.07	5.99	---	12.29	136	1942.9
XSECTION 27	RUNOFF	.18	6.03	---	12.13	584	3244.4
XSECTION 28	RUNOFF	.00	7.10	---	11.86	27	*****
XSECTION 28	ADDHYD	.18	6.06	---	12.13	587	3261.1
STRUCTURE 28	RESVOR	.18	6.04	222.96	12.46	248	1377.8

XSECTION 132	RUNOFF	.00	6.26	---	12.08	17	*****
XSECTION 132	ADDHYD	.18	6.05	---	12.44	253	1405.6
XSECTION 32	RUNOFF	.00	6.26	---	12.08	17	*****
XSECTION 32	ADDHYD	.19	6.05	---	12.42	259	1363.2
XSECTION 133	ADDHYD	.26	6.03	---	12.36	391	1503.8

ALTERNATE 25 STORM 5							
XSECTION 47	RUNOFF	.02	5.91	---	12.06	61	3050.0
XSECTION 147	RUNOFF	.00	7.10	---	11.86	29	*****
XSECTION 148	ADDHYD	.02	6.20	---	11.99	78	3900.0
XSECTION 100	ADDHYD	.28	6.05	---	12.29	417	1489.3
XSECTION 49	RUNOFF	.04	5.12	---	12.06	138	3450.0

XSECTION 149	RUNOFF	.00	5.34	---	11.86	10	*****
XSECTION 150	ADDHYD	.04	3.59	---	12.05	97	2425.0
XSECTION 101	ADDHYD	.32	4.25	---	12.17	351	1096.9
STRUCTURE 49	RESVOR	.32	4.25	216.62	13.25	163	509.4
XSECTION 50	RUNOFF	.04	3.49	---	12.06	102	2550.0

XSECTION 149	RUNOFF	.00	7.10	---	11.86	13	*****
XSECTION 150	ADDHYD	.04	5.23	---	12.05	142	3550.0
XSECTION 101	ADDHYD	.32	5.94	---	12.15	515	1609.4
STRUCTURE 49	RESVOR	.32	5.94	218.09	13.25	229	715.6
XSECTION 50	RUNOFF	.04	5.12	---	12.06	150	3750.0

XSECTION 51	RUNOFF	.00	7.10	---	11.86	11	*****							
XSECTION 51	ADDDHYD	.04	5.20	---	12.05	153	3825.0							
XSECTION 102	ADDDHYD	.37	5.65	---	12.10	253	683.8							
STRUCTURE 51	RESVOR	.37	5.83	215.03	14.75	174	470.3							

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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
 A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
 F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE			
				ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)

RAINFALL OF 7.80 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE 26 STORM 6							
XSECTION 44	RUNOFF	.06	6.72	---	12.11	249	4150.0
XSECTION 45	RUNOFF	.00	7.94	---	11.86	16	*****
XSECTION 45	ADDDHYD	.07	6.76	---	12.11	250	3571.4
STRUCTURE 45	RESVOR	.07	6.77	224.72	12.34	145	2071.4
XSECTION 146	RUNOFF	.00	7.08	---	12.05	19	*****
XSECTION 146	ADDDHYD	.07	6.79	---	12.32	151	2157.1
XSECTION 46	RUNOFF	.00	7.08	---	12.05	15	*****
XSECTION 46	ADDDHYD	.07	6.80	---	12.30	158	2257.1
XSECTION 27	RUNOFF	.18	6.84	---	12.13	662	3677.8
XSECTION 28	RUNOFF	.00	7.94	---	11.86	30	*****
XSECTION 28	ADDDHYD	.18	6.87	---	12.13	666	3700.0
STRUCTURE 28	RESVOR	.18	6.85	223.61	12.46	278	1544.4
XSECTION 132	RUNOFF	.00	7.08	---	12.08	19	*****
XSECTION 132	ADDDHYD	.18	6.86	---	12.44	283	1572.2
XSECTION 32	RUNOFF	.00	7.08	---	12.08	19	*****
XSECTION 32	ADDDHYD	.19	6.86	---	12.42	289	1521.1
XSECTION 133	ADDDHYD	.26	6.85	---	12.35	444	1707.7
XSECTION 47	RUNOFF	.02	6.73	---	12.06	69	3450.0
XSECTION 147	RUNOFF	.00	7.94	---	11.86	32	*****
XSECTION 148	ADDDHYD	.02	7.02	---	12.00	88	4400.0
XSECTION 100	ADDDHYD	.28	6.86	---	12.28	474	1692.9
XSECTION 49	RUNOFF	.04	5.91	---	12.06	158	3950.0
XSECTION 149	RUNOFF	.00	7.94	---	11.86	15	*****
XSECTION 150	ADDDHYD	.04	6.02	---	12.05	163	4075.0

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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
 A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
 F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE			
				ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)

RAINFALL OF 3.48 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE 26 STORM 6							
XSECTION 101	ADDDHYD	.32	6.75	---	12.14	588	1837.5
STRUCTURE 49	RESVOR	.32	6.74	218.97	13.22	269	840.6
XSECTION 50	RUNOFF	.04	5.91	---	12.06	172	4300.0
XSECTION 51	RUNOFF	.00	7.94	---	11.86	12	*****
XSECTION 51	ADDDHYD	.04	5.99	---	12.05	175	4375.0
XSECTION 102	ADDDHYD	.37	6.65	---	12.10	291	786.5
STRUCTURE 51	RESVOR	.37	6.63	216.07	14.81	191	516.2
XSECTION 44	RUNOFF	.06	2.52	---	12.06	80	1333.3
XSECTION 45	RUNOFF	.00	3.52	---	11.87	4	*****
XSECTION 45	ADDDHYD	.07	2.56	---	12.02	83	1185.7
STRUCTURE 45	RESVOR	.07	2.56	223.00	12.36	43	614.3
XSECTION 146	RUNOFF	.00	2.81	---	11.99	6	*****
XSECTION 146	ADDDHYD	.07	2.57	---	12.33	45	642.9
XSECTION 46	RUNOFF	.00	2.81	---	11.99	6	*****
XSECTION 46	ADDDHYD	.07	2.58	---	12.28	48	685.7
XSECTION 27	RUNOFF	.18	2.62	---	12.07	222	1233.3
XSECTION 28	RUNOFF	.00	3.52	---	11.87	8	*****
XSECTION 28	ADDDHYD	.18	2.64	---	12.05	225	1250.0
STRUCTURE 28	RESVOR	.18	2.63	219.87	12.49	90	500.0
XSECTION 132	RUNOFF	.00	2.81	---	12.03	6	*****
XSECTION 132	ADDDHYD	.18	2.63	---	12.48	92	511.1
XSECTION 32	RUNOFF	.00	2.81	---	12.03	6	*****
XSECTION 32	ADDDHYD	.19	2.64	---	12.47	94	494.7
XSECTION 133	ADDDHYD	.26	2.62	---	12.42	140	538.5
XSECTION 47	RUNOFF	.02	2.52	---	12.00	21	1050.0

TR20 -----
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
 A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
 F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE			
				ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)

ID	OPERATION	AREA (SQ MI)	AMOUNT (IN)	ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
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ALTERNATE 31 STORM 1

XSECTION 147	RUNOFF	.00	3.52	---	11.87	8	*****
XSECTION 148	ADDDHYD	.02	2.76	---	11.97	30	1500.0
XSECTION 100	ADDDHYD	.28	2.63	---	12.40	148	528.6
XSECTION 49	RUNOFF	.04	1.92	---	12.00	39	975.0
XSECTION 149	RUNOFF	.00	3.52	---	11.87	4	*****
XSECTION 150	ADDDHYD	.04	2.00	---	11.98	43	1075.0
XSECTION 101	ADDDHYD	.32	2.55	---	12.28	164	512.5
STRUCTURE 49	RESVOR	.32	2.55	214.99	13.21	89	278.1
XSECTION 50	RUNOFF	.04	1.92	---	12.00	42	1050.0
XSECTION 51	RUNOFF	.00	3.52	---	11.87	3	*****
XSECTION 51	ADDDHYD	.04	1.98	---	11.98	45	1125.0
XSECTION 102	ADDDHYD	.37	2.48	---	13.12	95	256.8
STRUCTURE 51	RESVOR	.37	2.47	210.96	14.70	69	186.5

ALTERNATE 32 STORM 2

XSECTION 44	RUNOFF	.06	3.54	---	12.06	112	1866.7
XSECTION 45	RUNOFF	.00	4.60	---	11.87	5	*****
XSECTION 45	ADDDHYD	.07	3.58	---	12.03	115	1642.9
STRUCTURE 45	RESVOR	.07	3.58	223.46	12.33	64	914.3
XSECTION 146	RUNOFF	.00	3.86	---	11.99	8	*****
XSECTION 146	ADDDHYD	.07	3.60	---	12.30	67	957.1
XSECTION 46	RUNOFF	.00	3.86	---	11.99	8	*****
XSECTION 46	ADDDHYD	.07	3.61	---	12.25	71	1014.3
XSECTION 27	RUNOFF	.18	3.65	---	12.07	307	1705.6
XSECTION 28	RUNOFF	.00	4.60	---	11.87	10	*****
XSECTION 28	ADDDHYD	.18	3.67	---	12.05	310	1722.2
STRUCTURE 28	RESVOR	.18	3.66	220.78	12.44	139	772.2
XSECTION 132	RUNOFF	.00	3.86	---	12.03	8	*****

TR20 -----
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
 A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
 F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE			
				ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)

ALTERNATE 32 STORM 2

XSECTION 132	ADDDHYD	.18	3.66	---	12.43	141	783.3
XSECTION 32	RUNOFF	.00	3.86	---	12.03	8	*****
XSECTION 32	ADDDHYD	.19	3.67	---	12.41	144	757.9
XSECTION 133	ADDDHYD	.26	3.65	---	12.36	213	819.2
XSECTION 47	RUNOFF	.02	3.54	---	12.00	29	1450.0
XSECTION 147	RUNOFF	.00	4.60	---	11.87	11	*****
XSECTION 148	ADDDHYD	.02	3.80	---	11.97	41	2050.0
XSECTION 100	ADDDHYD	.28	3.66	---	12.29	227	810.7
XSECTION 49	RUNOFF	.04	2.86	---	12.01	59	1475.0
XSECTION 149	RUNOFF	.00	4.60	---	11.87	5	*****
XSECTION 150	ADDDHYD	.04	2.96	---	11.98	64	1600.0
XSECTION 101	ADDDHYD	.32	3.57	---	12.16	267	834.4
STRUCTURE 49	RESVOR	.32	3.57	215.97	13.21	134	418.8
XSECTION 50	RUNOFF	.04	2.86	---	12.01	63	1575.0
XSECTION 51	RUNOFF	.00	4.60	---	11.87	4	*****
XSECTION 51	ADDDHYD	.04	2.93	---	11.99	68	1700.0
XSECTION 102	ADDDHYD	.37	3.49	---	13.13	141	381.1
STRUCTURE 51	RESVOR	.37	3.48	212.21	14.61	102	275.7

RAINFALL OF 5.25 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE 33 STORM 3

XSECTION 44	RUNOFF	.06	4.22	---	12.06	132	2200.0
XSECTION 45	RUNOFF	.00	5.31	---	11.87	6	*****
XSECTION 45	ADDDHYD	.07	4.26	---	12.03	136	1942.9
STRUCTURE 45	RESVOR	.07	4.26	223.74	12.32	79	1128.6
XSECTION 146	RUNOFF	.00	4.55	---	11.99	10	*****
XSECTION 146	ADDDHYD	.07	4.28	---	12.29	83	1185.7
XSECTION 46	RUNOFF	.00	4.55	---	11.99	10	*****
XSECTION 46	ADDDHYD	.07	4.29	---	12.26	87	1242.9

TR20 -----
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
 A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
 F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE			
				ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)

ALTERNATE 33 STORM 3

XSECTION 27	RUNOFF	.18	4.33	---	12.07	362	2011.1
XSECTION 28	RUNOFF	.00	5.31	---	11.87	12	*****
XSECTION 28	ADDDHYD	.18	4.36	---	12.05	366	2033.3
STRUCTURE 28	RESVOR	.18	4.34	221.36	12.43	169	938.9
XSECTION 132	RUNOFF	.00	4.55	---	12.03	10	*****

Table with columns for XSECTION, STANDARD CONTROL, DRAINAGE AREA, RUNOFF AMOUNT, ELEVATION, TIME, RATE, and RATE (CSM). Includes sections 132, 32, 147, 148, 100, 49, 149, 150, 101, 50, 51, 102, and 51.

RAINFALL OF 6.10 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

Table for ALTERNATE 34 STORM 4, listing XSECTION, STANDARD CONTROL, DRAINAGE AREA, RUNOFF AMOUNT, ELEVATION, TIME, RATE, and RATE (CSM).

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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED. A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES: F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

Main summary table for ALTERNATE 34 STORM 4, listing XSECTION/STRUCTURE ID, STANDARD CONTROL OPERATION, DRAINAGE AREA (SQ MI), RUNOFF AMOUNT (IN), ELEVATION (FT), TIME (HR), RATE (CFS), and RATE (CSM).

TR20 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION 02/21/** MDTFZL04 19 SEPT 2002 8' RECT. WEIR 24-HR ZONE 5 10/01/90 11:25:17 PAGE 55

SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED. A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES: F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

Main summary table for ALTERNATE 35 STORM 5, listing XSECTION/STRUCTURE ID, STANDARD CONTROL OPERATION, DRAINAGE AREA (SQ MI), RUNOFF AMOUNT (IN), ELEVATION (FT), TIME (HR), RATE (CFS), and RATE (CSM).

Table with columns for XSECTION, STANDARD CONTROL, DRAINAGE AREA, RUNOFF AMOUNT, ELEVATION, TIME, RATE, and RATE (CSM). Includes sections 47, 147, 148, 100, 49, 149, 150.

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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED. A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES: F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

Main summary table for ALTERNATE 35 STORM 5, listing XSECTION/STRUCTURE ID, STANDARD CONTROL OPERATION, DRAINAGE AREA (SQ MI), RUNOFF AMOUNT (IN), ELEVATION (FT), TIME (HR), RATE (CFS), and RATE (CSM).

RAINFALL OF 7.80 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

Main summary table for ALTERNATE 36 STORM 6, listing XSECTION/STRUCTURE ID, STANDARD CONTROL OPERATION, DRAINAGE AREA (SQ MI), RUNOFF AMOUNT (IN), ELEVATION (FT), TIME (HR), RATE (CFS), and RATE (CSM).

TR20 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION 02/21/** MDTFZL04 19 SEPT 2002 8' RECT. WEIR 24-HR ZONE 5 10/01/90 11:25:17 PAGE 57

SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED. A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES: F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

Main summary table for ALTERNATE 36 STORM 6, listing XSECTION/STRUCTURE ID, STANDARD CONTROL OPERATION, DRAINAGE AREA (SQ MI), RUNOFF AMOUNT (IN), ELEVATION (FT), TIME (HR), RATE (CFS), and RATE (CSM).

RAINFALL OF 3.48 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

Main summary table for ALTERNATE 41 STORM 1, listing XSECTION/STRUCTURE ID, STANDARD CONTROL OPERATION, DRAINAGE AREA (SQ MI), RUNOFF AMOUNT (IN), ELEVATION (FT), TIME (HR), RATE (CFS), and RATE (CSM).

TR20 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION 02/21/** MDTFZL04 19 SEPT 2002 8' RECT. WEIR 24-HR ZONE 5 10/01/90 11:25:17 PAGE 58

SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE			
				ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
ALTERNATE 41 STORM 1							
XSECTION 132	ADDHYD	.18	2.64	---	12.39	105	583.3
XSECTION 32	RUNOFF	.00	2.81	---	12.02	6	*****
XSECTION 32	ADDHYD	.19	2.64	---	12.37	108	568.4
XSECTION 133	ADDHYD	.26	2.62	---	12.34	159	611.5
XSECTION 47	RUNOFF	.02	2.52	---	12.00	22	1100.0
XSECTION 147	RUNOFF	.00	3.52	---	11.84	9	*****
XSECTION 148	ADDHYD	.02	2.76	---	11.97	31	1550.0
XSECTION 100	ADDHYD	.28	2.63	---	12.28	168	600.0
XSECTION 49	RUNOFF	.04	1.92	---	12.00	42	1050.0
XSECTION 149	RUNOFF	.00	3.52	---	11.84T	4T	*****
XSECTION 150	ADDHYD	.04	2.00	---	11.98	46	1150.0
XSECTION 101	ADDHYD	.32	2.56	---	12.19	193	603.1
STRUCTURE 49	RESVOR	.32	2.55	215.13	13.07	96	300.0
XSECTION 50	RUNOFF	.04	1.92	---	12.00	46	1150.0
XSECTION 51	RUNOFF	.00	3.52	---	11.83F	3F	*****
XSECTION 51	ADDHYD	.04	1.98	---	11.98	49	1225.0
XSECTION 102	ADDHYD	.37	2.48	---	13.03	101	273.0
STRUCTURE 51	RESVOR	.37	2.48	211.10	14.54	73	197.3

RAINFALL OF 4.55 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE			
				ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
ALTERNATE 42 STORM 2							
XSECTION 44	RUNOFF	.06	3.54	---	12.05	117	1950.0
XSECTION 45	RUNOFF	.00	4.60	---	11.87	5	*****
XSECTION 45	ADDHYD	.07	3.58	---	12.02	120	1714.3
STRUCTURE 45	RESVOR	.07	3.58	223.59	12.29	70	1000.0
XSECTION 146	RUNOFF	.00	3.86	---	11.99	8	*****
XSECTION 146	ADDHYD	.07	3.60	---	12.26	74	1057.1
XSECTION 46	RUNOFF	.00	3.86	---	11.99	8	*****
XSECTION 46	ADDHYD	.07	3.61	---	12.20	78	1114.3

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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE			
				ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
ALTERNATE 42 STORM 2							
XSECTION 27	RUNOFF	.18	3.65	---	12.06	321	1783.3
XSECTION 28	RUNOFF	.00	4.60	---	11.87	10	*****
XSECTION 28	ADDHYD	.18	3.67	---	12.04	325	1805.6
STRUCTURE 28	RESVOR	.18	3.66	221.06	12.39	153	850.0
XSECTION 132	RUNOFF	.00	3.86	---	12.02	9	*****
XSECTION 132	ADDHYD	.18	3.67	---	12.37	156	866.7
XSECTION 32	RUNOFF	.00	3.86	---	12.02	9	*****
XSECTION 32	ADDHYD	.19	3.67	---	12.35	159	836.8
XSECTION 133	ADDHYD	.26	3.66	---	12.30	235	903.8
XSECTION 47	RUNOFF	.02	3.54	---	11.99	30	1500.0
XSECTION 147	RUNOFF	.00	4.60	---	11.87	11	*****
XSECTION 148	ADDHYD	.02	3.80	---	11.97	42	2100.0
XSECTION 100	ADDHYD	.28	3.67	---	12.22	250	892.9
XSECTION 49	RUNOFF	.04	2.86	---	12.00	62	1550.0
XSECTION 149	RUNOFF	.00	4.60	---	11.87	5	*****
XSECTION 150	ADDHYD	.04	2.95	---	11.98	68	1700.0
XSECTION 101	ADDHYD	.32	3.58	---	12.12	298	931.3
STRUCTURE 49	RESVOR	.32	3.57	216.15	13.10	142	443.8
XSECTION 50	RUNOFF	.04	2.86	---	12.00	68	1700.0
XSECTION 51	RUNOFF	.00	4.60	---	11.87	4	*****
XSECTION 51	ADDHYD	.04	2.93	---	11.98	72	1800.0
XSECTION 102	ADDHYD	.37	3.50	---	13.06	148	400.0
STRUCTURE 51	RESVOR	.37	3.48	212.39	14.48	107	289.2

RAINFALL OF 5.25 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE			
				ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
ALTERNATE 43 STORM 3							
XSECTION 44	RUNOFF	.06	4.22	---	12.05	138	2300.0
XSECTION 45	RUNOFF	.00	5.31	---	11.87	6	*****
XSECTION 45	ADDHYD	.07	4.26	---	12.02	143	2042.9

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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE			
				ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
XSECTION 44	RUNOFF	.06	5.91	---	12.05	189	3150.0
XSECTION 45	RUNOFF	.00	7.06	---	11.87	8	*****
XSECTION 45	ADDHYD	.07	5.95	---	12.02	195	2785.7
STRUCTURE 45	RESVOR	.07	5.95	224.54	12.27	126	1800.0

ALTERNATE 43 STORM 3

STRUCTURE ID	CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE			
				ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
STRUCTURE 45	RESVOR	.07	4.26	223.88	12.28	87	1242.9
XSECTION 146	RUNOFF	.00	4.55	---	11.99	10	*****
XSECTION 146	ADDHYD	.07	4.28	---	12.25	91	1300.0
XSECTION 46	RUNOFF	.00	4.55	---	11.99	10	*****
XSECTION 46	ADDHYD	.07	4.29	---	12.20	97	1385.7
XSECTION 27	RUNOFF	.18	4.33	---	12.06	376	2088.9
XSECTION 28	RUNOFF	.00	5.31	---	11.87	12	*****
XSECTION 28	ADDHYD	.18	4.35	---	12.04	382	2122.2
STRUCTURE 28	RESVOR	.18	4.34	221.68	12.37	186	1033.3
XSECTION 132	RUNOFF	.00	4.55	---	12.02	10	*****
XSECTION 132	ADDHYD	.18	4.35	---	12.36	189	1050.0
XSECTION 32	RUNOFF	.00	4.55	---	12.02	10	*****
XSECTION 32	ADDHYD	.19	4.35	---	12.34	193	1015.8
XSECTION 133	ADDHYD	.26	4.34	---	12.28	287	1103.8
XSECTION 47	RUNOFF	.02	4.22	---	12.00	35	1750.0
XSECTION 147	RUNOFF	.00	5.31	---	11.87	13	*****
XSECTION 148	ADDHYD	.02	4.49	---	11.97	49	2450.0
XSECTION 100	ADDHYD	.28	4.35	---	12.21	306	1092.9
XSECTION 49	RUNOFF	.04	3.50	---	12.00	76	1900.0
XSECTION 149	RUNOFF	.00	5.31	---	11.87	6	*****
XSECTION 150	ADDHYD	.04	3.60	---	11.98	82	2050.0
XSECTION 101	ADDHYD	.32	4.25	---	12.12	364	1137.5
STRUCTURE 49	RESVOR	.32	4.25	216.78	13.10	170	531.3
XSECTION 50	RUNOFF	.04	3.50	---	12.00	82	2050.0
XSECTION 51	RUNOFF	.00	5.31	---	11.87	5	*****
XSECTION 51	ADDHYD	.04	3.57	---	11.98	87	2175.0
XSECTION 102	ADDHYD	.37	4.17	---	13.06	178	481.1
STRUCTURE 51	RESVOR	.37	4.16	213.24	14.51	128	345.9

TR20
MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE			
				ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
ALTERNATE 44 STORM 4							
XSECTION 44	RUNOFF	.06	5.05	---	12.05	164	2733.3
XSECTION 45	RUNOFF	.00	6.17	---	11.87	7	*****
XSECTION 45	ADDHYD	.07	5.09	---	12.02	168	2400.0
STRUCTURE 45	RESVOR	.07	5.09	224.20	12.27	107	1528.6
XSECTION 146	RUNOFF	.00	5.39	---	11.99	12	*****
XSECTION 146	ADDHYD	.07	5.11	---	12.24	111	1585.7
XSECTION 46	RUNOFF	.00	5.39	---	11.99	12	*****
XSECTION 46	ADDHYD	.07	5.12	---	12.19	118	1685.7
XSECTION 27	RUNOFF	.18	5.16	---	12.06	444	2466.7
XSECTION 28	RUNOFF	.00	6.17	---	11.87	14	*****
XSECTION 28	ADDHYD	.18	5.19	---	12.04	451	2505.6
STRUCTURE 28	RESVOR	.18	5.18	222.40	12.37	222	1233.3
XSECTION 132	RUNOFF	.00	5.39	---	12.02	12	*****
XSECTION 132	ADDHYD	.18	5.18	---	12.35	226	1255.6
XSECTION 32	RUNOFF	.00	5.39	---	12.02	12	*****
XSECTION 32	ADDHYD	.19	5.19	---	12.32	231	1215.8
XSECTION 133	ADDHYD	.26	5.17	---	12.27	345	1326.9
XSECTION 47	RUNOFF	.02	5.05	---	11.99	42	2100.0
XSECTION 147	RUNOFF	.00	6.17	---	11.87	15	*****
XSECTION 148	ADDHYD	.02	5.32	---	11.97	58	2900.0
XSECTION 100	ADDHYD	.28	5.18	---	12.20	372	1328.6
XSECTION 49	RUNOFF	.04	4.28	---	11.99	92	2300.0
XSECTION 149	RUNOFF	.00	6.17	---	11.87	7	*****
XSECTION 150	ADDHYD	.04	4.39	---	11.98	99	2475.0

RAINFALL OF 6.10 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE			
				ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
ALTERNATE 44 STORM 4							
XSECTION 101	ADDHYD	.32	5.08	---	12.11	443	1384.4
STRUCTURE 49	RESVOR	.32	5.07	217.52	13.10	203	634.4
XSECTION 50	RUNOFF	.04	4.28	---	11.99	100	2500.0
XSECTION 51	RUNOFF	.00	6.17	---	11.87	5	*****
XSECTION 51	ADDHYD	.04	4.36	---	11.98	106	2650.0
XSECTION 102	ADDHYD	.37	4.99	---	12.10	212	573.0
STRUCTURE 51	RESVOR	.37	4.97	214.24	14.54	154	416.2

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MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,

XSECTION	CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
XSECTION 146	RUNOFF	.00	6.26	---	11.99	13	*****
XSECTION 146	ADDHYD	.07	5.97	---	12.23	132	1895.7
XSECTION 46	RUNOFF	.00	6.26	---	11.99	13	*****
XSECTION 46	ADDHYD	.07	5.99	---	12.19	140	2000.0
XSECTION 27	RUNOFF	.18	6.03	---	12.06	515	2861.1
XSECTION 28	RUNOFF	.00	7.06	---	11.87	16	*****
XSECTION 28	ADDHYD	.18	6.05	---	12.04	522	2900.0
STRUCTURE 28	RESVOR	.18	6.04	223.12	12.37	256	1422.2
XSECTION 132	RUNOFF	.00	6.26	---	12.02	14	*****
XSECTION 132	ADDHYD	.18	6.05	---	12.35	260	1444.4
XSECTION 32	RUNOFF	.00	6.26	---	12.02	14	*****
XSECTION 32	ADDHYD	.19	6.05	---	12.32	266	1400.0
XSECTION 133	ADDHYD	.26	6.03	---	12.26	402	1546.2
XSECTION 47	RUNOFF	.02	5.92	---	12.00	49	2450.0
XSECTION 147	RUNOFF	.00	7.06	---	11.87	17	*****

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MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
ALTERNATE 45	STORM 5						
XSECTION 148	ADDHYD	.02	6.19	---	11.97	67	3350.0
XSECTION 100	ADDHYD	.28	6.05	---	12.19	433	1546.4
XSECTION 49	RUNOFF	.04	5.12	---	12.00	110	2750.0
XSECTION 149	RUNOFF	.00	7.06	---	11.87	8	*****
XSECTION 150	ADDHYD	.04	5.23	---	11.98	118	2950.0
XSECTION 101	ADDHYD	.32	5.94	---	12.10	524	1637.5
STRUCTURE 49	RESVOR	.32	5.94	218.37	13.08	242	756.3
XSECTION 50	RUNOFF	.04	5.12	---	12.00	119	2975.0
XSECTION 51	RUNOFF	.00	7.06	---	11.87	6	*****
XSECTION 51	ADDHYD	.04	5.20	---	11.98	125	3125.0
XSECTION 102	ADDHYD	.37	5.85	---	12.09	254	686.5
STRUCTURE 51	RESVOR	.37	5.83	215.28	14.60	178	481.1

RAINFALL OF 7.80 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

XSECTION	CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
ALTERNATE 46	STORM 6						
XSECTION 44	RUNOFF	.06	6.72	---	12.05	214	3566.7
XSECTION 45	RUNOFF	.00	7.89	---	11.75F	9F	*****
XSECTION 45	ADDHYD	.07	6.76	---	12.02	220	3142.9
STRUCTURE 45	RESVOR	.07	6.76	224.73	12.26	147	2100.0
XSECTION 146	RUNOFF	.00	7.08	---	11.99	15	*****
XSECTION 146	ADDHYD	.07	6.78	---	12.23	154	2200.0
XSECTION 46	RUNOFF	.00	7.08	---	11.99	15	*****
XSECTION 46	ADDHYD	.07	6.80	---	12.20	162	2314.3
XSECTION 27	RUNOFF	.18	6.84	---	12.06	580	3222.2
XSECTION 28	RUNOFF	.00	7.89	---	11.75F	18F	*****
XSECTION 28	ADDHYD	.18	6.87	---	12.04	587	3261.1
STRUCTURE 28	RESVOR	.18	6.85	223.77	12.38	285	1583.3
XSECTION 132	RUNOFF	.00	7.08	---	12.02	16	*****
XSECTION 132	ADDHYD	.18	6.86	---	12.35	290	1611.1

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MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
ALTERNATE 46	STORM 6						
XSECTION 32	RUNOFF	.00	7.08	---	12.02	16	*****
XSECTION 32	ADDHYD	.19	6.86	---	12.32	296	1557.9
XSECTION 133	ADDHYD	.26	6.84	---	12.25	454	1746.2
XSECTION 47	RUNOFF	.02	6.73	---	12.00	55	2750.0
XSECTION 147	RUNOFF	.00	7.89	---	11.75F	19F	*****
XSECTION 148	ADDHYD	.02	7.01	---	11.97	75	3750.0
XSECTION 100	ADDHYD	.28	6.86	---	12.19	490	1750.0
XSECTION 49	RUNOFF	.04	5.89	---	11.99	125	3125.0
XSECTION 149	RUNOFF	.00	7.89	---	11.75F	9F	*****
XSECTION 150	ADDHYD	.04	6.00	---	11.98	134	3350.0
XSECTION 101	ADDHYD	.32	6.75	---	12.09	593	1853.1
STRUCTURE 49	RESVOR	.32	6.74	219.27	13.05	282	881.3
XSECTION 50	RUNOFF	.04	5.89	---	11.99	135	3375.0
XSECTION 51	RUNOFF	.00	7.89	---	11.75F	7F	*****
XSECTION 51	ADDHYD	.04	5.98	---	11.98	143	3575.0
XSECTION 102	ADDHYD	.37	6.65	---	13.03	294	794.6
STRUCTURE 51	RESVOR	.37	6.63	216.39	14.64	197	532.4

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MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS
		1 2 3 4 5
STRUCTURE 51	.37	
ALTERNATE 11		54 *****
ALTERNATE 12		***** 87 *****
ALTERNATE 13		***** 109 *****
ALTERNATE 14		***** 132 *****
ALTERNATE 15		***** 153 *****
ALTERNATE 21		70 *****
ALTERNATE 22		***** 103 *****
ALTERNATE 23		***** 124 *****
ALTERNATE 24		***** 149 *****
ALTERNATE 25		***** 174 *****
ALTERNATE 31		69 *****
ALTERNATE 32		***** 102 *****
ALTERNATE 33		***** 123 *****
ALTERNATE 34		***** 148 *****
ALTERNATE 35		***** 173 *****
ALTERNATE 41		73 *****
ALTERNATE 42		***** 107 *****
ALTERNATE 43		***** 128 *****
ALTERNATE 44		***** 154 *****
ALTERNATE 45		***** 178 *****

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS
		1 2 3 4 5
STRUCTURE 49	.32	
ALTERNATE 11		67 *****
ALTERNATE 12		***** 115 *****
ALTERNATE 13		***** 145 *****
ALTERNATE 14		***** 175 *****
ALTERNATE 15		***** 202 *****
ALTERNATE 21		91 *****
ALTERNATE 22		***** 136 *****
ALTERNATE 23		***** 163 *****
ALTERNATE 24		***** 195 *****
ALTERNATE 25		***** 229 *****
ALTERNATE 31		89 *****
ALTERNATE 32		***** 134 *****
ALTERNATE 33		***** 161 *****

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MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS
		1 2 3 4 5
STRUCTURE 49	.32	
ALTERNATE 34		***** 193 *****
ALTERNATE 35		***** 225 *****
ALTERNATE 41		96 *****
ALTERNATE 42		***** 142 *****
ALTERNATE 43		***** 170 *****
ALTERNATE 44		***** 203 *****
ALTERNATE 45		***** 242 *****
ALTERNATE 11		35 *****
ALTERNATE 12		***** 59 *****
ALTERNATE 13		***** 76 *****
ALTERNATE 14		***** 94 *****
ALTERNATE 15		***** 112 *****
ALTERNATE 21		46 *****
ALTERNATE 22		***** 68 *****
ALTERNATE 23		***** 85 *****
ALTERNATE 24		***** 104 *****
ALTERNATE 25		***** 124 *****
ALTERNATE 31		43 *****
ALTERNATE 32		***** 64 *****
ALTERNATE 33		***** 79 *****
ALTERNATE 34		***** 98 *****
ALTERNATE 35		***** 116 *****
ALTERNATE 41		48 *****
ALTERNATE 42		***** 70 *****
ALTERNATE 43		***** 87 *****
ALTERNATE 44		***** 107 *****
ALTERNATE 45		***** 126 *****

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS
		1 2 3 4 5
STRUCTURE 28	.18	
ALTERNATE 11		61 *****
ALTERNATE 12		***** 119 *****
ALTERNATE 13		***** 153 *****
ALTERNATE 14		***** 188 *****
ALTERNATE 15		***** 218 *****

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MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS
		1 2 3 4 5
STRUCTURE 28	.18	

ALTERNATE 21	96	*****	*****	*****	*****	*****
ALTERNATE 22	145	*****	*****	*****	*****	*****
ALTERNATE 23	177	*****	*****	*****	*****	*****
ALTERNATE 24	214	*****	*****	*****	*****	*****
ALTERNATE 25	248	*****	*****	*****	*****	*****
ALTERNATE 31	90	*****	*****	*****	*****	*****
ALTERNATE 32	139	*****	*****	*****	*****	*****
ALTERNATE 33	169	*****	*****	*****	*****	*****
ALTERNATE 34	206	*****	*****	*****	*****	*****
ALTERNATE 35	238	*****	*****	*****	*****	*****
ALTERNATE 41	103	*****	*****	*****	*****	*****
ALTERNATE 42	153	*****	*****	*****	*****	*****
ALTERNATE 43	186	*****	*****	*****	*****	*****
ALTERNATE 44	222	*****	*****	*****	*****	*****
ALTERNATE 45	256	*****	*****	*****	*****	*****

XSECTION 27 .18

ALTERNATE 11	216	*****	*****	*****	*****	*****
ALTERNATE 12	322	*****	*****	*****	*****	*****
ALTERNATE 13	393	*****	*****	*****	*****	*****
ALTERNATE 14	463	*****	*****	*****	*****	*****
ALTERNATE 15	531	*****	*****	*****	*****	*****
ALTERNATE 21	263	*****	*****	*****	*****	*****
ALTERNATE 22	363	*****	*****	*****	*****	*****
ALTERNATE 23	428	*****	*****	*****	*****	*****
ALTERNATE 24	504	*****	*****	*****	*****	*****
ALTERNATE 25	584	*****	*****	*****	*****	*****
ALTERNATE 31	222	*****	*****	*****	*****	*****
ALTERNATE 32	307	*****	*****	*****	*****	*****
ALTERNATE 33	362	*****	*****	*****	*****	*****
ALTERNATE 34	429	*****	*****	*****	*****	*****
ALTERNATE 35	497	*****	*****	*****	*****	*****
ALTERNATE 41	234	*****	*****	*****	*****	*****
ALTERNATE 42	321	*****	*****	*****	*****	*****
ALTERNATE 43	376	*****	*****	*****	*****	*****
ALTERNATE 44	444	*****	*****	*****	*****	*****

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MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS.....				
		1	2	3	4	5
XSECTION 27 .18						
ALTERNATE 45		*****	*****	*****	*****	515
XSECTION 28 .18						
ALTERNATE 11	218	*****	*****	*****	*****	*****
ALTERNATE 12	325	*****	*****	*****	*****	*****
ALTERNATE 13	396	*****	*****	*****	*****	*****
ALTERNATE 14	467	*****	*****	*****	*****	536
ALTERNATE 15	536	*****	*****	*****	*****	*****
ALTERNATE 21	265	*****	*****	*****	*****	*****
ALTERNATE 22	365	*****	*****	*****	*****	*****
ALTERNATE 23	430	*****	*****	*****	*****	*****
ALTERNATE 24	507	*****	*****	*****	*****	*****
ALTERNATE 25	587	*****	*****	*****	*****	*****
ALTERNATE 31	225	*****	*****	*****	*****	*****
ALTERNATE 32	310	*****	*****	*****	*****	*****
ALTERNATE 33	366	*****	*****	*****	*****	*****
ALTERNATE 34	433	*****	*****	*****	*****	*****
ALTERNATE 35	502	*****	*****	*****	*****	*****
ALTERNATE 41	237	*****	*****	*****	*****	*****
ALTERNATE 42	325	*****	*****	*****	*****	*****
ALTERNATE 43	382	*****	*****	*****	*****	*****
ALTERNATE 44	451	*****	*****	*****	*****	*****
ALTERNATE 45	522	*****	*****	*****	*****	*****
XSECTION 32 .19						
ALTERNATE 11	64	*****	*****	*****	*****	*****
ALTERNATE 12	124	*****	*****	*****	*****	*****
ALTERNATE 13	159	*****	*****	*****	*****	*****
ALTERNATE 14	195	*****	*****	*****	*****	*****
ALTERNATE 15	227	*****	*****	*****	*****	*****
ALTERNATE 21	100	*****	*****	*****	*****	*****
ALTERNATE 22	151	*****	*****	*****	*****	*****
ALTERNATE 23	185	*****	*****	*****	*****	*****
ALTERNATE 24	223	*****	*****	*****	*****	*****
ALTERNATE 25	259	*****	*****	*****	*****	*****
ALTERNATE 31	94	*****	*****	*****	*****	*****

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MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS.....				
		1	2	3	4	5
XSECTION 32 .19						
ALTERNATE 32	144	*****	*****	*****	*****	*****
ALTERNATE 33	176	*****	*****	*****	*****	*****
ALTERNATE 34	214	*****	*****	*****	*****	*****
ALTERNATE 35	248	*****	*****	*****	*****	*****
ALTERNATE 41	108	*****	*****	*****	*****	*****

ALTERNATE 42	159	*****	*****	*****	*****	*****
ALTERNATE 43	193	*****	*****	*****	*****	*****
ALTERNATE 44	231	*****	*****	*****	*****	*****
ALTERNATE 45	266	*****	*****	*****	*****	*****

XSECTION 44 .06

ALTERNATE 11	79	*****	*****	*****	*****	*****
ALTERNATE 12	119	*****	*****	*****	*****	*****
ALTERNATE 13	145	*****	*****	*****	*****	*****
ALTERNATE 14	172	*****	*****	*****	*****	*****
ALTERNATE 15	198	*****	*****	*****	*****	*****

ALTERNATE 21	98	*****	*****	*****	*****	*****
ALTERNATE 22	136	*****	*****	*****	*****	*****
ALTERNATE 23	160	*****	*****	*****	*****	*****
ALTERNATE 24	190	*****	*****	*****	*****	*****
ALTERNATE 25	220	*****	*****	*****	*****	*****
ALTERNATE 31	80	*****	*****	*****	*****	*****
ALTERNATE 32	112	*****	*****	*****	*****	*****
ALTERNATE 33	132	*****	*****	*****	*****	*****
ALTERNATE 34	158	*****	*****	*****	*****	*****
ALTERNATE 35	183	*****	*****	*****	*****	*****
ALTERNATE 41	85	*****	*****	*****	*****	*****
ALTERNATE 42	117	*****	*****	*****	*****	*****
ALTERNATE 43	138	*****	*****	*****	*****	*****
ALTERNATE 44	164	*****	*****	*****	*****	*****
ALTERNATE 45	189	*****	*****	*****	*****	*****

XSECTION 45 .07

ALTERNATE 11	80	*****	*****	*****	*****	*****
ALTERNATE 12	121	*****	*****	*****	*****	*****
ALTERNATE 13	147	*****	*****	*****	*****	*****
ALTERNATE 14	175	*****	*****	*****	*****	*****

1 TR20 -
MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS.....				
		1	2	3	4	5
XSECTION 45 .07						
ALTERNATE 15	98	*****	*****	*****	*****	201
ALTERNATE 21	136	*****	*****	*****	*****	*****
ALTERNATE 22	161	*****	*****	*****	*****	*****
ALTERNATE 23	191	*****	*****	*****	*****	*****
ALTERNATE 24	221	*****	*****	*****	*****	*****
ALTERNATE 25	83	*****	*****	*****	*****	*****
ALTERNATE 31	115	*****	*****	*****	*****	*****
ALTERNATE 32	136	*****	*****	*****	*****	*****
ALTERNATE 33	162	*****	*****	*****	*****	*****
ALTERNATE 34	188	*****	*****	*****	*****	*****
ALTERNATE 35	87	*****	*****	*****	*****	*****
ALTERNATE 41	120	*****	*****	*****	*****	*****
ALTERNATE 42	143	*****	*****	*****	*****	*****
ALTERNATE 43	168	*****	*****	*****	*****	*****
ALTERNATE 44	195	*****	*****	*****	*****	*****
ALTERNATE 45	221	*****	*****	*****	*****	*****
XSECTION 46 .07						
ALTERNATE 11	39	*****	*****	*****	*****	*****
ALTERNATE 12	65	*****	*****	*****	*****	*****
ALTERNATE 13	83	*****	*****	*****	*****	*****
ALTERNATE 14	104	*****	*****	*****	*****	*****
ALTERNATE 15	123	*****	*****	*****	*****	*****
ALTERNATE 21	51	*****	*****	*****	*****	*****
ALTERNATE 22	75	*****	*****	*****	*****	*****
ALTERNATE 23	93	*****	*****	*****	*****	*****
ALTERNATE 24	114	*****	*****	*****	*****	*****
ALTERNATE 25	136	*****	*****	*****	*****	*****
ALTERNATE 31	48	*****	*****	*****	*****	*****
ALTERNATE 32	71	*****	*****	*****	*****	*****
ALTERNATE 33	87	*****	*****	*****	*****	*****
ALTERNATE 34	107	*****	*****	*****	*****	*****
ALTERNATE 35	128	*****	*****	*****	*****	*****
ALTERNATE 41	53	*****	*****	*****	*****	*****
ALTERNATE 42	78	*****	*****	*****	*****	*****

1 TR20 -
MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS.....				
		1	2	3	4	5
XSECTION 46 .07						
ALTERNATE 43	97	*****	*****	*****	*****	*****
ALTERNATE 44	118	*****	*****	*****	*****	*****
ALTERNATE 45	140	*****	*****	*****	*****	*****
XSECTION 47 .02						
ALTERNATE 11	22	*****	*****	*****	*****	*****
ALTERNATE 12	33	*****	*****	*****	*****	*****
ALTERNATE 13	40	*****	*****	*****	*****	*****
ALTERNATE 14	47	*****	*****	*****	*****	*****
ALTERNATE 15	54	*****	*****	*****	*****	*****

ALTERNATE 21	27	*****	*****	*****	*****
ALTERNATE 22	*****	38	*****	*****	*****
ALTERNATE 23	*****	*****	45	*****	*****
ALTERNATE 24	*****	*****	*****	53	*****
ALTERNATE 25	*****	*****	*****	*****	61
ALTERNATE 31	21	*****	*****	*****	*****
ALTERNATE 32	*****	29	*****	*****	*****
ALTERNATE 33	*****	*****	34	*****	*****
ALTERNATE 34	*****	*****	*****	40	*****
ALTERNATE 35	*****	*****	*****	*****	47
ALTERNATE 41	22	*****	*****	*****	*****
ALTERNATE 42	*****	30	*****	*****	*****
ALTERNATE 43	*****	*****	35	*****	*****
ALTERNATE 44	*****	*****	*****	42	*****
ALTERNATE 45	*****	*****	*****	*****	49

XSECTION 49 .04

ALTERNATE 11	37	*****	*****	*****	*****
ALTERNATE 12	*****	63	*****	*****	*****
ALTERNATE 13	*****	*****	80	*****	*****
ALTERNATE 14	*****	*****	*****	98	*****
ALTERNATE 15	*****	*****	*****	*****	115
ALTERNATE 21	52	*****	*****	*****	*****
ALTERNATE 22	*****	79	*****	*****	*****
ALTERNATE 23	*****	*****	94	*****	*****
ALTERNATE 24	*****	*****	*****	115	*****
ALTERNATE 25	*****	*****	*****	*****	138

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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS.....				
		1	2	3	4	5
XSECTION 49 .04						
ALTERNATE 31	39	*****	*****	*****	*****	*****
ALTERNATE 32	*****	59	*****	*****	*****	*****
ALTERNATE 33	*****	*****	71	*****	*****	*****
ALTERNATE 34	*****	*****	*****	88	*****	*****
ALTERNATE 35	*****	*****	*****	*****	104	*****
ALTERNATE 41	42	*****	*****	*****	*****	*****
ALTERNATE 42	*****	62	*****	*****	*****	*****
ALTERNATE 43	*****	*****	76	*****	*****	*****
ALTERNATE 44	*****	*****	*****	92	*****	*****
ALTERNATE 45	*****	*****	*****	*****	110	*****
XSECTION 50 .04						
ALTERNATE 11	40	*****	*****	*****	*****	*****
ALTERNATE 12	*****	68	*****	*****	*****	*****
ALTERNATE 13	*****	*****	87	*****	*****	*****
ALTERNATE 14	*****	*****	*****	106	*****	*****
ALTERNATE 15	*****	*****	*****	*****	125	*****
ALTERNATE 21	57	*****	*****	*****	*****	*****
ALTERNATE 22	*****	85	*****	*****	*****	*****
ALTERNATE 23	*****	*****	102	*****	*****	*****
ALTERNATE 24	*****	*****	*****	125	*****	*****
ALTERNATE 25	*****	*****	*****	*****	150	*****
ALTERNATE 31	42	*****	*****	*****	*****	*****
ALTERNATE 32	*****	63	*****	*****	*****	*****
ALTERNATE 33	*****	*****	77	*****	*****	*****
ALTERNATE 34	*****	*****	*****	95	*****	*****
ALTERNATE 35	*****	*****	*****	*****	113	*****
ALTERNATE 41	46	*****	*****	*****	*****	*****
ALTERNATE 42	*****	68	*****	*****	*****	*****
ALTERNATE 43	*****	*****	82	*****	*****	*****
ALTERNATE 44	*****	*****	*****	100	*****	*****
ALTERNATE 45	*****	*****	*****	*****	119	*****
XSECTION 51 .04						
ALTERNATE 11	42	*****	*****	*****	*****	*****
ALTERNATE 12	*****	70	*****	*****	*****	*****
ALTERNATE 13	*****	*****	90	*****	*****	*****

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STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS.....				
		1	2	3	4	5
XSECTION 51 .04						
ALTERNATE 14	*****	*****	*****	110	*****	*****
ALTERNATE 15	*****	*****	*****	*****	128	*****
ALTERNATE 21	58	*****	*****	*****	*****	*****
ALTERNATE 22	*****	87	*****	*****	*****	*****
ALTERNATE 23	*****	*****	104	*****	*****	*****
ALTERNATE 24	*****	*****	*****	127	*****	*****
ALTERNATE 25	*****	*****	*****	*****	153	*****
ALTERNATE 31	45	*****	*****	*****	*****	*****
ALTERNATE 32	*****	68	*****	*****	*****	*****
ALTERNATE 33	*****	*****	82	*****	*****	*****
ALTERNATE 34	*****	*****	*****	100	*****	*****
ALTERNATE 35	*****	*****	*****	*****	119	*****
ALTERNATE 41	49	*****	*****	*****	*****	*****
ALTERNATE 42	*****	72	*****	*****	*****	*****
ALTERNATE 43	*****	*****	87	*****	*****	*****

ALTERNATE 44	*****	*****	106	*****	*****
ALTERNATE 45	*****	*****	*****	*****	125
XSECTION 100 .28					
ALTERNATE 11	*****	106	*****	*****	*****
ALTERNATE 12	*****	*****	198	*****	*****
ALTERNATE 13	*****	*****	*****	254	*****
ALTERNATE 14	*****	*****	*****	*****	314
ALTERNATE 15	*****	*****	*****	*****	368
ALTERNATE 21	156	*****	*****	*****	*****
ALTERNATE 22	*****	237	*****	*****	*****
ALTERNATE 23	*****	*****	291	*****	*****
ALTERNATE 24	*****	*****	*****	355	*****
ALTERNATE 25	*****	*****	*****	*****	417
ALTERNATE 31	148	*****	*****	*****	*****
ALTERNATE 32	*****	227	*****	*****	*****
ALTERNATE 33	*****	*****	277	*****	*****
ALTERNATE 34	*****	*****	*****	339	*****
ALTERNATE 35	*****	*****	*****	*****	399
ALTERNATE 41	168	*****	*****	*****	*****

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STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS.....				
		1	2	3	4	5
XSECTION 100 .28						
ALTERNATE 42	*****	*****	250	*****	*****	*****
ALTERNATE 43	*****	*****	*****	306	*****	*****
ALTERNATE 44	*****	*****	*****	*****	372	*****
ALTERNATE 45	*****	*****	*****	*****	*****	433
XSECTION 101 .32						
ALTERNATE 11	*****	124	*****	*****	*****	*****
ALTERNATE 12	*****	*****	224	*****	*****	*****
ALTERNATE 13	*****	*****	*****	295	*****	*****
ALTERNATE 14	*****	*****	*****	*****	369	*****
ALTERNATE 15	*****	*****	*****	*****	*****	437
ALTERNATE 21	173	*****	*****	*****	*****	*****
ALTERNATE 22	*****	287	*****	*****	*****	*****
ALTERNATE 23	*****	*****	*****	351	*****	*****
ALTERNATE 24	*****	*****	*****	*****	431	*****
ALTERNATE 25	*****	*****	*****	*****	*****	515
ALTERNATE 31	164	*****	*****	*****	*****	*****
ALTERNATE 32	*****	267	*****	*****	*****	*****
ALTERNATE 33	*****	*****	327	*****	*****	*****
ALTERNATE 34	*****	*****	*****	403	*****	*****
ALTERNATE 35	*****	*****	*****	*****	480	*****
ALTERNATE 41	193	*****	*****	*****	*****	*****
ALTERNATE 42	*****	298	*****	*****	*****	*****
ALTERNATE 43	*****	*****	364	*****	*****	*****
ALTERNATE 44	*****	*****	*****	443	*****	*****
ALTERNATE 45	*****	*****	*****	*****	*****	524
XSECTION 102 .37						
ALTERNATE 11	*****	71	*****	*****	*****	*****
ALTERNATE 12	*****	*****	122	*****	*****	*****
ALTERNATE 13	*****	*****	*****	153	*****	*****
ALTERNATE 14	*****	*****	*****	*****	185	*****
ALTERNATE 15	*****	*****	*****	*****	*****	213
ALTERNATE 21	96	*****	*****	*****	*****	*****
ALTERNATE 22	*****	143	*****	*****	*****	*****
ALTERNATE 23	*****	*****	172	*****	*****	*****
ALTERNATE 24	*****	*****	*****	*****	210	*****

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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS.....				
		1	2	3	4	5
XSECTION 102 .37						
ALTERNATE 25	*****	*****	*****	*****	*****	253
ALTERNATE 31	95	*****	*****	*****	*****	*****
ALTERNATE 32	*****	141	*****	*****	*****	*****
ALTERNATE 33	*****	*****	170	*****	*****	*****
ALTERNATE 34	*****	*****	*****	203	*****	*****
ALTERNATE 35	*****	*****	*****	*****	238	*****
ALTERNATE 41	101	*****	*****	*****	*****	*****
ALTERNATE 42	*****	148	*****	*****	*****	*****
ALTERNATE 43	*****	*****	178	*****	*****	*****
ALTERNATE 44	*****	*****	*****	212	*****	*****
ALTERNATE 45	*****	*****	*****	*****	254	*****
XSECTION 132 .18						
ALTERNATE 11	63	*****	*****	*****	*****	*****
ALTERNATE 12	*****	121	*****	*****	*****	*****
ALTERNATE 13	*****	*****	156	*****	*****	*****
ALTERNATE 14	*****	*****	*****	192	*****	*****
ALTERNATE 15	*****	*****	*****	*****	222	*****
ALTERNATE 21	98	*****	*****	*****	*****	*****

ALTERNATE 22	*****	148	*****	*****	*****
ALTERNATE 23	*****	*****	181	*****	*****
ALTERNATE 24	*****	*****	*****	218	*****
ALTERNATE 25	*****	*****	*****	*****	253
ALTERNATE 31	*****	92	*****	*****	*****
ALTERNATE 32	*****	*****	141	*****	*****
ALTERNATE 33	*****	*****	*****	173	*****
ALTERNATE 34	*****	*****	*****	*****	210
ALTERNATE 35	*****	*****	*****	*****	243
ALTERNATE 41	*****	105	*****	*****	*****
ALTERNATE 42	*****	*****	156	*****	*****
ALTERNATE 43	*****	*****	*****	189	*****
ALTERNATE 44	*****	*****	*****	*****	226
ALTERNATE 45	*****	*****	*****	*****	260

XSECTION 133 .26

ALTERNATE 11 99 *****

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STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS.....				
		1	2	3	4	5
XSECTION 133 .26						
ALTERNATE 12	*****	186	*****	*****	*****	*****
ALTERNATE 13	*****	*****	240	*****	*****	*****
ALTERNATE 14	*****	*****	*****	296	*****	*****
ALTERNATE 15	*****	*****	*****	*****	345	*****
ALTERNATE 21	*****	148	*****	*****	*****	*****
ALTERNATE 22	*****	*****	224	*****	*****	*****
ALTERNATE 23	*****	*****	*****	275	*****	*****
ALTERNATE 24	*****	*****	*****	*****	335	*****
ALTERNATE 25	*****	*****	*****	*****	*****	391
ALTERNATE 31	*****	140	*****	*****	*****	*****
ALTERNATE 32	*****	*****	213	*****	*****	*****
ALTERNATE 33	*****	*****	*****	261	*****	*****
ALTERNATE 34	*****	*****	*****	*****	319	*****
ALTERNATE 35	*****	*****	*****	*****	*****	373
ALTERNATE 41	*****	159	*****	*****	*****	*****
ALTERNATE 42	*****	*****	235	*****	*****	*****
ALTERNATE 43	*****	*****	*****	287	*****	*****
ALTERNATE 44	*****	*****	*****	*****	345	*****
ALTERNATE 45	*****	*****	*****	*****	*****	402
XSECTION 146 .07						
ALTERNATE 11	*****	37	*****	*****	*****	*****
ALTERNATE 12	*****	*****	62	*****	*****	*****
ALTERNATE 13	*****	*****	*****	79	*****	*****
ALTERNATE 14	*****	*****	*****	*****	99	*****
ALTERNATE 15	*****	*****	*****	*****	*****	117
ALTERNATE 21	*****	48	*****	*****	*****	*****
ALTERNATE 22	*****	*****	72	*****	*****	*****
ALTERNATE 23	*****	*****	*****	89	*****	*****
ALTERNATE 24	*****	*****	*****	*****	109	*****
ALTERNATE 25	*****	*****	*****	*****	*****	130
ALTERNATE 31	*****	45	*****	*****	*****	*****
ALTERNATE 32	*****	*****	67	*****	*****	*****
ALTERNATE 33	*****	*****	*****	83	*****	*****
ALTERNATE 34	*****	*****	*****	*****	102	*****
ALTERNATE 35	*****	*****	*****	*****	*****	122

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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS.....				
		1	2	3	4	5
XSECTION 146 .07						
ALTERNATE 41	*****	50	*****	*****	*****	*****
ALTERNATE 42	*****	*****	74	*****	*****	*****
ALTERNATE 43	*****	*****	*****	91	*****	*****
ALTERNATE 44	*****	*****	*****	*****	111	*****
ALTERNATE 45	*****	*****	*****	*****	*****	132
XSECTION 147 .00						
ALTERNATE 11	*****	15	*****	*****	*****	*****
ALTERNATE 12	*****	*****	20	*****	*****	*****
ALTERNATE 13	*****	*****	*****	23	*****	*****
ALTERNATE 14	*****	*****	*****	*****	27	*****
ALTERNATE 15	*****	*****	*****	*****	*****	30
ALTERNATE 21	*****	14	*****	*****	*****	*****
ALTERNATE 22	*****	*****	19	*****	*****	*****
ALTERNATE 23	*****	*****	*****	22	*****	*****
ALTERNATE 24	*****	*****	*****	*****	25	*****
ALTERNATE 25	*****	*****	*****	*****	*****	29
ALTERNATE 31	*****	8	*****	*****	*****	*****
ALTERNATE 32	*****	*****	11	*****	*****	*****
ALTERNATE 33	*****	*****	*****	13	*****	*****
ALTERNATE 34	*****	*****	*****	*****	15	*****
ALTERNATE 35	*****	*****	*****	*****	*****	17
ALTERNATE 41	*****	9	*****	*****	*****	*****
ALTERNATE 42	*****	*****	11	*****	*****	*****
ALTERNATE 43	*****	*****	*****	13	*****	*****

ALTERNATE 44	*****	*****	*****	15	*****
ALTERNATE 45	*****	*****	*****	*****	17
XSECTION 148 .02					
ALTERNATE 11	*****	29	*****	*****	*****
ALTERNATE 12	*****	*****	42	*****	*****
ALTERNATE 13	*****	*****	*****	51	*****
ALTERNATE 14	*****	*****	*****	*****	60
ALTERNATE 15	*****	*****	*****	*****	68
ALTERNATE 21	*****	36	*****	*****	*****
ALTERNATE 22	*****	*****	49	*****	*****
ALTERNATE 23	*****	*****	*****	57	*****

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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS.....				
		1	2	3	4	5
XSECTION 148 .02						
ALTERNATE 24	*****	*****	*****	68	*****	*****
ALTERNATE 25	*****	*****	*****	*****	78	*****
ALTERNATE 31	*****	30	*****	*****	*****	*****
ALTERNATE 32	*****	*****	41	*****	*****	*****
ALTERNATE 33	*****	*****	*****	48	*****	*****
ALTERNATE 34	*****	*****	*****	*****	56	*****
ALTERNATE 35	*****	*****	*****	*****	*****	65
ALTERNATE 41	*****	31	*****	*****	*****	*****
ALTERNATE 42	*****	*****	42	*****	*****	*****
ALTERNATE 43	*****	*****	*****	49	*****	*****
ALTERNATE 44	*****	*****	*****	*****	58	*****
ALTERNATE 45	*****	*****	*****	*****	*****	67
XSECTION 149 .00						
ALTERNATE 11	*****	7	*****	*****	*****	*****
ALTERNATE 12	*****	*****	9	*****	*****	*****
ALTERNATE 13	*****	*****	*****	11	*****	*****
ALTERNATE 14	*****	*****	*****	*****	12	*****
ALTERNATE 15	*****	*****	*****	*****	*****	14
ALTERNATE 21	*****	6	*****	*****	*****	*****
ALTERNATE 22	*****	*****	8	*****	*****	*****
ALTERNATE 23	*****	*****	*****	10	*****	*****
ALTERNATE 24	*****	*****	*****	*****	11	*****
ALTERNATE 25	*****	*****	*****	*****	*****	13
ALTERNATE 31	*****	4	*****	*****	*****	*****
ALTERNATE 32	*****	*****	5	*****	*****	*****
ALTERNATE 33	*****	*****	*****	6	*****	*****
ALTERNATE 34	*****	*****	*****	*****	7	*****
ALTERNATE 35	*****	*****	*****	*****	*****	8
ALTERNATE 41	*****	4	*****	*****	*****	*****
ALTERNATE 42	*****	*****	5	*****	*****	*****
ALTERNATE 43	*****	*****	*****	6	*****	*****
ALTERNATE 44	*****	*****	*****	*****	7	*****
ALTERNATE 45	*****	*****	*****	*****	*****	8
XSECTION 150 .04						
ALTERNATE 11	*****	39	*****	*****	*****	*****
ALTERNATE 12	*****	*****	65	*****	*****	*****
ALTERNATE 13	*****	*****	*****	84	*****	*****
ALTERNATE 14	*****	*****	*****	*****	102	*****
ALTERNATE 15	*****	*****	*****	*****	*****	120
ALTERNATE 21	*****	54	*****	*****	*****	*****
ALTERNATE 22	*****	*****	81	*****	*****	*****
ALTERNATE 23	*****	*****	*****	97	*****	*****
ALTERNATE 24	*****	*****	*****	*****	118	*****
ALTERNATE 25	*****	*****	*****	*****	*****	142
ALTERNATE 31	*****	43	*****	*****	*****	*****
ALTERNATE 32	*****	*****	64	*****	*****	*****
ALTERNATE 33	*****	*****	*****	77	*****	*****
ALTERNATE 34	*****	*****	*****	*****	94	*****
ALTERNATE 35	*****	*****	*****	*****	*****	112
ALTERNATE 41	*****	46	*****	*****	*****	*****
ALTERNATE 42	*****	*****	68	*****	*****	*****
ALTERNATE 43	*****	*****	*****	82	*****	*****
ALTERNATE 44	*****	*****	*****	*****	99	*****
ALTERNATE 45	*****	*****	*****	*****	*****	118

SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS.....				
		1	2	3	4	5
STRUCTURE 51 .37						
ALTERNATE 11	*****	*****	*****	*****	*****	*****
ALTERNATE 12	*****	*****	*****	*****	*****	*****
ALTERNATE 13	*****	*****	*****	*****	*****	*****
ALTERNATE 14	*****	*****	*****	*****	*****	*****
ALTERNATE 15	*****	*****	*****	*****	*****	*****
ALTERNATE 21	*****	*****	*****	*****	*****	*****
ALTERNATE 22	*****	*****	*****	*****	*****	*****
ALTERNATE 23	*****	*****	*****	*****	*****	*****
ALTERNATE 24	*****	*****	*****	*****	*****	*****
ALTERNATE 25	*****	*****	*****	*****	*****	*****
ALTERNATE 31	*****	*****	*****	*****	*****	*****
ALTERNATE 32	*****	*****	*****	*****	*****	*****
ALTERNATE 33	*****	*****	*****	*****	*****	*****
ALTERNATE 34	*****	*****	*****	*****	*****	*****
ALTERNATE 35	*****	*****	*****	*****	*****	*****
ALTERNATE 41	*****	*****	*****	*****	*****	*****
ALTERNATE 42	*****	*****	*****	*****	*****	*****
ALTERNATE 43	*****	*****	*****	*****	*****	*****
ALTERNATE 44	*****	*****	*****	*****	*****	*****
ALTERNATE 45	*****	*****	*****	*****	*****	*****

ALTERNATE 16	177
ALTERNATE 26	191
ALTERNATE 36	190
ALTERNATE 46	197
STRUCTURE 49	.32
ALTERNATE 16	241
ALTERNATE 26	269
ALTERNATE 36	265
ALTERNATE 46	282
STRUCTURE 45	.07
ALTERNATE 16	135
ALTERNATE 26	145
ALTERNATE 36	134
ALTERNATE 46	147

ALTERNATE 36	137
ALTERNATE 46	143
XSECTION 100	.28
ALTERNATE 16	435
ALTERNATE 26	474
ALTERNATE 36	452
ALTERNATE 46	490
XSECTION 101	.32
ALTERNATE 16	525
ALTERNATE 26	588
ALTERNATE 36	549
ALTERNATE 46	593
XSECTION 102	.37
ALTERNATE 16	254
ALTERNATE 26	291

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STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 6
STRUCTURE 28	.18	
ALTERNATE 16		254
ALTERNATE 26		278
ALTERNATE 36		267
ALTERNATE 46		285
XSECTION 27	.18	
ALTERNATE 16		614
ALTERNATE 26		662
ALTERNATE 36		561
ALTERNATE 46		580
XSECTION 28	.18	
ALTERNATE 16		620
ALTERNATE 26		666
ALTERNATE 36		566
ALTERNATE 46		587
XSECTION 32	.19	
ALTERNATE 16		265
ALTERNATE 26		289
ALTERNATE 36		278
ALTERNATE 46		296
XSECTION 44	.06	
ALTERNATE 16		230
ALTERNATE 26		249
ALTERNATE 36		207
ALTERNATE 46		214
XSECTION 45	.07	
ALTERNATE 16		234
ALTERNATE 26		250
ALTERNATE 36		212
ALTERNATE 46		220
XSECTION 46	.07	
ALTERNATE 16		148
ALTERNATE 26		158
ALTERNATE 36		147

SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 6
XSECTION 102	.37	
ALTERNATE 36		279
ALTERNATE 46		294
XSECTION 132	.18	
ALTERNATE 16		259
ALTERNATE 26		283
ALTERNATE 36		272
ALTERNATE 46		290
XSECTION 133	.26	
ALTERNATE 16		407
ALTERNATE 26		444
ALTERNATE 36		422
ALTERNATE 46		454
XSECTION 146	.07	
ALTERNATE 16		141
ALTERNATE 26		151
ALTERNATE 36		140
ALTERNATE 46		154
XSECTION 147	.00	
ALTERNATE 16		35
ALTERNATE 26		32
ALTERNATE 36		19
ALTERNATE 46		19
XSECTION 148	.02	
ALTERNATE 16		79
ALTERNATE 26		88
ALTERNATE 36		74
ALTERNATE 46		75
XSECTION 149	.00	
ALTERNATE 16		16
ALTERNATE 26		15
ALTERNATE 36		8
ALTERNATE 46		9
XSECTION 150	.04	
ALTERNATE 16		142

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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 6
XSECTION 46	.07	
ALTERNATE 46		162
XSECTION 47	.02	
ALTERNATE 16		63
ALTERNATE 26		69
ALTERNATE 36		53
ALTERNATE 46		55
XSECTION 49	.04	
ALTERNATE 16		137
ALTERNATE 26		158
ALTERNATE 36		120
ALTERNATE 46		125
XSECTION 50	.04	
ALTERNATE 16		148
ALTERNATE 26		172
ALTERNATE 36		130
ALTERNATE 46		135
XSECTION 51	.04	
ALTERNATE 16		153
ALTERNATE 26		175

SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 6
XSECTION 150	.04	
ALTERNATE 26		163
ALTERNATE 36		129
ALTERNATE 46		134

1
 END OF 1 JOBS IN THIS RUN

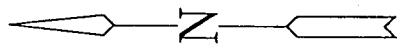
FILES GENERATED - DATED 02/21/**,11:25:17

NONE!

*** TR-20 RUN COMPLETED ***

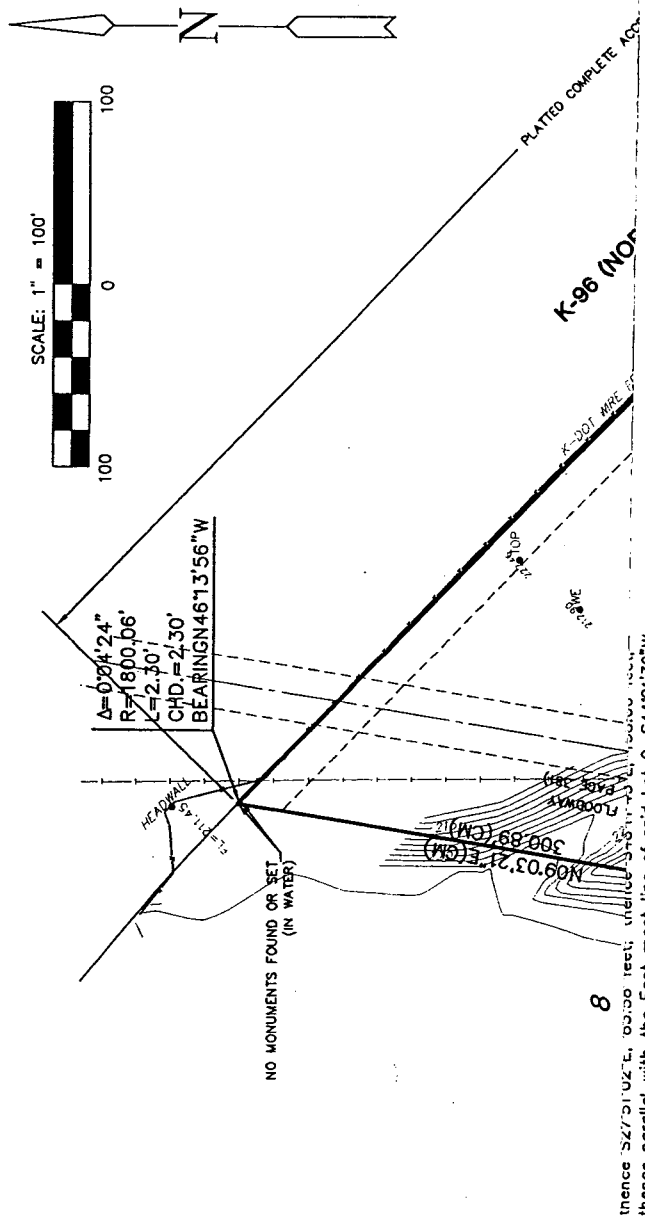
**APPENDIX C
LOT SPLIT**

SCALE: 1" = 100'



LEGEND

- ✱ - CONIFEROUS TREE & DIAMETER
- - DECIDUOUS TREE & DIAMETER
- - SIGN
- - BUSH
- - POWER POLE AND GUY ANCHOR
- - WESTAR BOX
- - WALL
- - FIRE HYDRANT
- - WATER VALVE
- - WATER METER
- - TELEPHONE RISER
- - INLET
- - STORM SEWER PIPE
- - WATER LINE
- - SANITARY SEWER LINE
- - GAS LINE
- - TELEPHONE LINE
- - UNDERGROUND ELECTRIC LINE
- - FENCE
- - BENCHMARK
- - STORM WATER MANHOLE
- - SANITARY SEWER MANHOLE
- - TELEPHONE MANHOLE



thence S27°51'02"E, 60.00 feet, thence S88°58'41"W, 70.00 feet, thence N01°01'19"W, 39.82 feet; thence continuing along said West line, N09°03'21"E, 300.89 feet to the Northwest corner of said Lot 9 and to a point on a curve to the right; thence along said curve 2.30 feet, said curve having a central angle of 0°04'24", a radius of 1799.86 feet, and a long chord distance of 2.30 feet, bearing S46°13'56"E; thence along the Northerly line of said Lot 9, S45°58'30"E, 880.40 feet to the Northeast corner of said Lot 9; thence along the East most line of said Lot 9, S44°01'30"W, 430.05 feet to the POINT OF BEGINNING. Said tract CONTAINS: 227,498 square feet or 5.22 acres of land, more or less.

TRACT #3

A tract of land lying in the a portion of Lot 9, Block 1, Mediterranean Plaza, an addition to Wichita, Sedgwick County, Kansas; said tract being more particularly described as follows:

BEGINNING at the Southern most corner of said Lot 9, thence along the Southerly line of said Lot 9 on a Kansas South Zone Grid Bearing of N45°58'30"W, 42.00 feet; thence parallel with the East most line of said Lot 9, N44°01'30"E, 35.00 feet; thence N45°58'30"W, 115.00 feet; thence N07°46'09"E, 62.00 feet; thence N22°13'25"E, 50.00 feet; thence N03°38'55"W, 75.00 feet; thence N21°59'24"W, 50.00 feet; thence N57°52'26"W, 83.66 feet; thence N48°11'45"W, 158.06 feet; thence N27°51'02"W, 83.58 feet; thence S88°58'41"W, 70.00 feet to a point on the West line of said Lot 9; thence along said West line, N01°01'19"W, 39.82 feet; thence continuing along said West line, N09°03'21"E, 300.89 feet to the Northwest corner of said Lot 9 and to a point on a curve to the right; thence along said curve 2.30 feet, said curve having a central angle of 0°04'24", a radius of 1799.86 feet, and a long chord distance of 2.30 feet, bearing S46°13'56"E; thence along the Northerly line of said Lot 9, S45°58'30"E, 880.40 feet to the Northeast corner of said Lot 9; thence along the East most line of said Lot 9, S44°01'30"W, 430.05 feet to the POINT OF BEGINNING. Said tract CONTAINS: 227,498 square feet or 5.22 acres of land, more or less.

DESIGN BY: BULE
 DRAWN BY: BULE
 GJA CHECKED BY: MARCH 2003
 DATE
 03057 JOB NO. 1 / 1
 SHEET/OF

MKEC
ENGINEERING
CONSULTANTS
 411 N. WEBB ROAD
 WICHITA, KS. 67206
 316 - 684 - 9600

APPENDIX D
PROPOSED TR-20 OUTPUT

*****80-80 LIST OF INPUT DATA FOR TR-20 HYDROLOGY*****

JOB TR-20 SUMMARY NOPLOTS
TITLE 014 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100-YR 6-HR
TITLE MDTFZL05 27 FEB 2003 DRAINAGE DITCH REMOVED FROM COMBINED POND
4 DIMHYD 256

Table with 5 columns of numerical data for various hydrology parameters like runoff and storage.

Table with 5 columns of numerical data for hydrology parameters, including rainfall and runoff.

9 ENDTBL 5 RAINFL 8 0.5

*****80-80 LIST OF INPUT DATA (CONTINUED)*****

Table with 5 columns of numerical data for hydrology parameters, including rainfall and runoff.

9 ENDTBL 3 STRUCT 28

Table with 5 columns of numerical data for hydrology parameters, including rainfall and runoff.

9 ENDTBL 3 STRUCT 45

Table with 5 columns of numerical data for hydrology parameters, including rainfall and runoff.

9 ENDTBL 3 STRUCT 49

Table with 5 columns of numerical data for hydrology parameters, including rainfall and runoff.

9 ENDTBL

Table with 5 columns of numerical data for hydrology parameters, including runoff and storage.

*****80-80 LIST OF INPUT DATA (CONTINUED)*****

Table with 5 columns of numerical data for hydrology parameters, including runoff and storage.

9 ENDTBL 5 RAINFL 8 0.5

Table with 5 columns of numerical data for hydrology parameters, including runoff and storage.

*****80-80 LIST OF INPUT DATA (CONTINUED)*****

Table with 5 columns of numerical data for hydrology parameters, including runoff and storage.

*****END OF 80-80 LIST*****

TR20 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSTON
02/27/** MDTFZL04 27 FEB 2003 DRAINAGE DITCH REMOVED FROM COMBINED10/01/90
12:39:52 PASS 1 PAGE 1

COMPUTED PEAK RATE FACTOR = 256.08
COMPUTED PEAK RATE FACTOR = 484.00

Table with 5 columns of numerical data for hydrology parameters, including runoff and storage.

3.08 CFS	22	24	26	29	31	33	34	36
3.75 CFS	38	40	41	43	44	45	47	48
4.42 CFS	48	49	50	51	51	52	52	53
5.08 CFS	53	53	54	54	54	54	54	54
5.75 CFS	54	54	53	53	53	53	52	52
6.42 CFS	51	51	51	50	49	49	48	48
7.08 CFS	47	46	46	45	44	44	43	42
7.75 CFS	41	41	40	39	38	37	37	36
8.42 CFS	35	35	34	33	32	32	31	30
9.08 CFS	30	29	28	28	27	27	26	25
9.75 CFS	25	24	24	23	23	22	22	21
10.42 CFS	21	20	20	19	19	18	18	18
11.08 CFS	17	17	17	16	16	16	15	15
11.75 CFS	15	14	14	14	13	13	13	12
12.42 CFS	12	12	12	11	11	11	11	10
13.08 CFS	10	10	10	9	9	9	9	9
13.75 CFS	8	8	8	8	8	7	7	7
14.42 CFS	7	7	7	6	6	6	6	6
15.08 CFS	6	6	6	5	5	5	5	5
15.75 CFS	5	5	5	4	4	4	4	4
16.42 CFS	4	4	4	4	4	4	4	4
17.08 CFS	3	3	3	3	3	3	3	3
17.75 CFS	3	2	2	2	2	2	2	2
18.42 CFS	2	2	2	2	2	2	2	2
19.08 CFS	2	2	2	2	2	2	2	2
19.75 CFS	1	1	1	1	1	1	1	1
20.42 CFS	1	1	1	1	1	1	1	1

TR20
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
 02/27/** MDTPL04 27 FEB 2003 DRAINAGE DITCH REMOVED FROM COMBINED10/01/90
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21.08 CFS	1	1	1	1	1	1	1	1
21.75 CFS	1	1	1	1	1	1	1	1
22.42 CFS	1	1	1	1	0			

RUNOFF ABOVE BASEFLOW OF .00 CFS
 1.61 WATERSHED INCHES; 381 CFS-HRS; 31.5 ACRE-FEET.

DURATION (HRS)	2	4	6	8	10	12	14	16
FLOW (CFS)	50	40	28	18	11	7	4	2

DURATION (HRS) 18 20 21
 FLOW (CFS) 1 1 0

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 1

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 5-YR 6-H
 STARTING TIME = .00 RAIN DEPTH = 3.42 RAIN DURATION= 1.00
 ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
 ALTERNATE NO.=12 STORM NO.= 2 RAIN TABLE NO.= 7

OPERATION RESVOR STRUCTURE 51

PEAK TIME (HRS) 5.26 PEAK DISCHARGE (CFS) 88.0 PEAK ELEVATION (FEET) 211.67

HYDROGRAPH POINTS FOR ALTERNATE =12, STORM = 2
 MAIN TIME INCREMENT = .08 hr, DRAINAGE AREA = .37 SQ.MI.

HRS	1.58 CFS	2.25 CFS	2.92 CFS	3.58 CFS	4.25 CFS	4.92 CFS	5.58 CFS	6.25 CFS	6.92 CFS	7.58 CFS	8.25 CFS	8.92 CFS	9.58 CFS	10.25 CFS	10.92 CFS	11.58 CFS	12.25 CFS	12.92 CFS	13.58 CFS	
MAIN	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
DISCH	4	36	40	43	47	50	53	56	59	62	65	68	71	74	77	80	83	85	88	91
ELEV	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157

TR20
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
 02/27/** MDTPL04 27 FEB 2003 DRAINAGE DITCH REMOVED FROM COMBINED10/01/90
 12:39:52 PASS 2 PAGE 3

14.25 CFS	9	9	8	8	8	8	8	7
14.92 CFS	7	7	7	7	7	6	6	6
15.58 CFS	6	6	6	5	5	5	5	5
16.25 CFS	5	5	5	4	4	4	4	4
16.92 CFS	4	4	4	4	3	3	3	3
17.58 CFS	3	3	3	3	3	3	3	3
18.25 CFS	3	2	2	2	2	2	2	2
18.92 CFS	2	2	2	2	2	2	2	2
19.58 CFS	2	2	2	2	1	1	1	1
20.25 CFS	1	1	1	1	1	1	1	1
20.92 CFS	1	1	1	1	1	1	1	1
21.58 CFS	1	1	1	1	1	1	1	1
22.25 CFS	1	1	1	1	1	1	1	1
22.92 CFS	1	1	1	1	0			

RUNOFF ABOVE BASEFLOW OF .00 CFS
 2.43 WATERSHED INCHES; 576 CFS-HRS; 47.6 ACRE-FEET.

DURATION (HRS)	2	4	6	8	10	12	14	16
FLOW (CFS)	80	62	42	25	14	8	5	3

DURATION (HRS) 18 20 22
 FLOW (CFS) 1 1 0

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 2

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 10-YR 6-
 STARTING TIME = .00 RAIN DEPTH = 4.02 RAIN DURATION= 1.00
 ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
 ALTERNATE NO.=13 STORM NO.= 3 RAIN TABLE NO.= 7

OPERATION RESVOR STRUCTURE 51

PEAK TIME (HRS) 5.25 PEAK DISCHARGE (CFS) 110.6 PEAK ELEVATION (FEET) 212.55

HYDROGRAPH POINTS FOR ALTERNATE =13, STORM = 3
 MAIN TIME INCREMENT = .08 hr, DRAINAGE AREA = .37 SQ.MI.

1.50 CFS	0	1	1	1	1	2	2	3
2.17 CFS	4	6	8	13	18	23	29	33
2.83 CFS	38	43	47	51	55	59	64	68
3.50 CFS	72	75	79	83	86	90	93	95
4.17 CFS	98	100	102	103	105	106	107	108
4.83 CFS	109	110	110	110	111	111	111	110
5.50 CFS	110	110	109	109	108	107	106	105
6.17 CFS	104	103	102	101	100	98	97	95

TR20
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
 02/27/** MDTPL04 27 FEB 2003 DRAINAGE DITCH REMOVED FROM COMBINED10/01/90
 12:39:52 PASS 3 PAGE 4

6.83 CFS	94	92	90	89	87	85	84	82
7.50 CFS	80	79	77	75	74	72	71	69
8.17 CFS	67	66	64	63	61	60	58	57
8.83 CFS	56	54	53	52	50	49	48	47
9.50 CFS	45	44	43	42	41	39	38	37
10.17 CFS	36	35	34	33	32	31	30	30
10.83 CFS	29	28	27	26	26	25	24	24
11.50 CFS	23	22	22	21	21	20	19	19
12.17 CFS	18	18	18	17	17	16	16	15
12.83 CFS	15	15	14	14	14	13	13	13
13.50 CFS	12	12	12	11	11	11	11	10
14.17 CFS	10	10	10	9	9	9	9	8
14.83 CFS	8	8	8	8	7	7	7	7
15.50 CFS	7	6	6	6	6	6	6	6
16.17 CFS	5	5	5	5	5	5	5	4
16.83 CFS	4	4	4	4	4	4	4	4
17.50 CFS	4	3	3	3	3	3	3	3
18.17 CFS	3	3	3	3	3	3	2	2
18.83 CFS	2	2	2	2	2	2	2	2
19.50 CFS	2	2	2	2	2	2	2	2
20.17 CFS	1	1	1	1	1	1	1	1
20.83 CFS	1	1	1	1	1	1	1	1
21.50 CFS	1	1	1	1	1	1	1	1
22.17 CFS	1	1	1	1	1	1	1	1
22.83 CFS	1	1	1	1	1	1	1	1
23.50 CFS	0							

RUNOFF ABOVE BASEFLOW OF .00 CFS
 2.99 WATERSHED INCHES; 709 CFS-HRS; 58.6 ACRE-FEET.

DURATION (HRS)	2	4	6	8	10	12	14	16
FLOW (CFS)	102	77	51	30	17	9	5	3

DURATION (HRS) 18 20 22
 FLOW (CFS) 2 1 0

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 3

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 25-YR 6-
 STARTING TIME = .00 RAIN DEPTH = 4.63 RAIN DURATION= 1.00
 ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
 ALTERNATE NO.=14 STORM NO.= 4 RAIN TABLE NO.= 7

OPERATION RESVOR STRUCTURE 51

PEAK TIME (HRS) 5.24 PEAK DISCHARGE (CFS) 133.8 PEAK ELEVATION (FEET) 213.45

HYDROGRAPH POINTS FOR ALTERNATE =14, STORM = 4
 MAIN TIME INCREMENT = .08 hr, DRAINAGE AREA = .37 SQ.MI.

HRS	1.33 CFS	2.00 CFS	2.67 CFS	3.33 CFS	4.00 CFS	4.67 CFS	5.33 CFS	6.00 CFS	6.67 CFS	7.33 CFS	8.00 CFS	8.67 CFS	9.33 CFS	10.00 CFS	10.67 CFS	11.33 CFS	12.00 CFS	12.67 CFS	13.33 CFS	14.00 CFS	14.67 CFS	15.33 CFS	16.00 CFS	16.67 CFS	17.33 CFS	18.00 CFS	18.67 CFS	19.33 CFS	20.00 CFS	20.67 CFS	21.33 CFS	22.00 CFS	22.67 CFS	23.33 CFS				
MAIN	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
DISCH	4	36	42	48	53	58	63	68	73	78	83	88	93	97	101	105	109	112	115	118	120	122	125	126	128	130	131	132	133	133	133	132	131	130	129	128	128	
ELEV	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175

TR20
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
 02/27/** MDTPL04 27 FEB 2003 DRAINAGE DITCH REMOVED FROM COMBINED10/01/90
 12:39:52 PASS 4 PAGE 5

14.25 CFS	9	9	8	8	8	8	8	7
14.92 CFS	7	7	7	7	7	6	6	6
15.58 CFS	6	6	6	5	5	5	5	5
16.25 CFS	5	5	5	4	4	4	4	4
16.92 CFS	4	4	4	4	3	3	3	3
17.58 CFS	3	3	3	3	3	3	3	3
18.25 CFS	3	2	2	2	2	2	2	2
18.92 CFS	2	2	2	2	2	2	2	2
19.58 CFS	2	2	2	2	1	1	1	1
20.25 CFS	1	1	1	1	1	1	1	1
20.92 CFS	1	1	1	1	1	1	1	1
21.58 CFS	1	1	1	1	1	1	1	1
22.25 CFS	1	1	1	1	1	1	1	1
22.92 CFS	1	1	1	1	0			

RUNOFF ABOVE BASEFLOW OF .00 CFS
 3.57 WATERSHED INCHES; 847 CFS-HRS; 70.0 ACRE-FEET.

DURATION (HRS)	2	4	6	8	10	12	14	16
FLOW (CFS)	122	93	61	36	19	10	6	3

DURATION (HRS) 18 20 22 22
 FLOW (CFS) 2 1 1 0

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 4

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 50-YR 6-
 STARTING TIME = .00 RAIN DEPTH = 4.02 RAIN DURATION= 1.00
 ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
 ALTERNATE NO.=13 STORM NO.= 3 RAIN TABLE NO.= 7

TR20
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
 02/27/** MDTPL04 27 FEB 2003 DRAINAGE DITCH REMOVED FROM COMBINED10/01/90
 12:39:52 PASS 5 PAGE 6

STARTING TIME = .00 RAIN DEPTH = 5.20 RAIN DURATION = 1.00
 ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
 ALTERNATE NO. = 15 STORM NO. = 5 RAIN TABLE NO. = 7

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 6

OPERATION RESVOR STRUCTURE 51

PEAK TIME(HRS)	PEAK DISCHARGE(CFS)	PEAK ELEVATION(FEET)
5.27	155.2	214.29

HRS	MAIN TIME INCREMENT = .08 hr,	ALTERNATE =15,	STORM = 5	DRAINAGE AREA = .37 SQ.MI.
1.25 CFS	0	1	1	1
1.92 CFS	3	4	5	7
2.58 CFS	36	44	50	56
3.25 CFS	87	92	98	103
3.92 CFS	125	129	132	136
4.58 CFS	148	150	151	152
5.25 CFS	155	155	155	154
5.92 CFS	150	149	148	146
6.58 CFS	137	135	133	131
7.25 CFS	120	118	115	113
7.92 CFS	102	99	97	95
8.58 CFS	83	81	79	77
9.25 CFS	67	65	63	61
9.92 CFS	53	52	50	49
10.58 CFS	42	41	39	38
11.25 CFS	33	32	31	30
11.92 CFS	25	25	24	23
12.58 CFS	20	19	19	18
13.25 CFS	16	16	15	15
13.92 CFS	13	13	12	12
14.58 CFS	10	10	10	9
15.25 CFS	8	8	8	8
15.92 CFS	7	7	6	6
16.58 CFS	5	5	5	5
17.25 CFS	4	4	4	4
17.92 CFS	3	3	3	3
18.58 CFS	3	3	3	3
19.25 CFS	2	2	2	2
19.92 CFS	2	2	2	2
20.58 CFS	1	1	1	1
21.25 CFS	1	1	1	1

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 2-YR TYP
 STARTING TIME = .00 RAIN DEPTH = 3.48 RAIN DURATION = 1.00
 ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
 ALTERNATE NO. = 21 STORM NO. = 1 RAIN TABLE NO. = 2

OPERATION RESVOR STRUCTURE 51

PEAK TIME(HRS)	PEAK DISCHARGE(CFS)	PEAK ELEVATION(FEET)
14.68	70.2	211.01

HRS	MAIN TIME INCREMENT = .08 hr,	ALTERNATE =21,	STORM = 1	DRAINAGE AREA = .37 SQ.MI.
6.25 CFS	0	1	1	1
6.92 CFS	1	1	1	1
7.58 CFS	1	1	1	1
8.25 CFS	1	1	1	1
8.92 CFS	2	2	2	2
9.58 CFS	2	3	3	3

TR20 -----
 02/27/** MDTPLZL04 27 FEB 2003 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
 12:39:52 DRAINAGE DITCH REMOVED FROM COMBINED10/01/90 PASS 5 PAGE 7

21.92 CFS	1	1	1	1	1	1	1	1
22.58 CFS	1	1	1	1	1	1	1	1
23.25 CFS	1	1	1	1	1	1	1	0

RUNOFF ABOVE BASEFLOW OF .00 CFS
 4.12 WATERSHED INCHES; 977 CFS-HRS; 80.8 ACRE-FEET.

DURATION(HRS)	2	4	6	8	10	12	14	16
FLOW(CFS)	141	108	70	41	21	11	6	3

DURATION(HRS)	18	20	22	22
FLOW(CFS)	2	1	1	0

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 5

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 100-YR 6
 STARTING TIME = .00 RAIN DEPTH = 5.94 RAIN DURATION = 1.00
 ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
 ALTERNATE NO. = 16 STORM NO. = 6 RAIN TABLE NO. = 7

OPERATION RESVOR STRUCTURE 51

PEAK TIME(HRS)	PEAK DISCHARGE(CFS)	PEAK ELEVATION(FEET)
5.36	179.5	215.38

HRS	MAIN TIME INCREMENT = .08 hr,	ALTERNATE =16,	STORM = 6	DRAINAGE AREA = .37 SQ.MI.
1.17 CFS	0	1	1	1
1.83 CFS	3	4	5	7
2.50 CFS	35	45	53	61
3.17 CFS	96	103	109	115
3.83 CFS	143	148	153	157
4.50 CFS	171	173	175	176
5.17 CFS	179	179	179	177
5.83 CFS	177	177	176	175
6.50 CFS	166	163	161	159
7.17 CFS	146	143	140	137
7.83 CFS	123	120	118	115
8.50 CFS	102	99	97	94
9.17 CFS	82	79	77	75
9.83 CFS	64	62	61	59
10.50 CFS	51	49	48	46
11.17 CFS	39	38	37	36
11.83 CFS	30	29	28	27
12.50 CFS	23	23	22	21
13.17 CFS	18	18	17	17

RUNOFF ABOVE BASEFLOW OF .00 CFS
 2.47 WATERSHED INCHES; 586 CFS-HRS; 48.4 ACRE-FEET.

DURATION(HRS)	3	6	9	12	15	18	21	24
FLOW(CFS)	59	39	24	16	10	5	3	2

DURATION(HRS) 25
 FLOW(CFS) 2 TRUNCATED

TR20 -----
 02/27/** MDTPLZL04 27 FEB 2003 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
 12:39:52 DRAINAGE DITCH REMOVED FROM COMBINED10/01/90 PASS 6 PAGE 8

13.83 CFS	15	14	14	13	13	13	12	12
14.50 CFS	12	11	11	11	10	10	10	10
15.17 CFS	9	9	9	9	8	8	8	8
15.83 CFS	8	7	7	7	7	7	6	6
16.50 CFS	6	6	6	6	5	5	5	5
17.17 CFS	5	5	5	4	4	4	4	4
17.83 CFS	4	4	4	4	3	3	3	3
18.50 CFS	3	3	3	3	3	3	3	3
19.17 CFS	2	2	2	2	2	2	2	2
19.83 CFS	2	2	2	2	2	2	2	2
20.50 CFS	2	2	1	1	1	1	1	1
21.17 CFS	1	1	1	1	1	1	1	1
21.83 CFS	1	1	1	1	1	1	1	1
22.50 CFS	1	1	1	1	1	1	1	1
23.17 CFS	1	1	1	1	1	1	1	1
23.83 CFS	1	0						

RUNOFF ABOVE BASEFLOW OF .00 CFS
 4.84 WATERSHED INCHES; 1147 CFS-HRS; 94.8 ACRE-FEET.

DURATION(HRS)	2	4	6	8	10	12	14	16
FLOW(CFS)	168	129	84	48	24	12	7	4

DURATION(HRS)	18	20	22	23
FLOW(CFS)	2	1	1	0

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 7

TR20 -----
 02/27/** MDTPLZL04 27 FEB 2003 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 5-YR TYP
 STARTING TIME = .00 RAIN DEPTH = 4.55 RAIN DURATION = 1.00
 ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
 ALTERNATE NO. = 22 STORM NO. = 2 RAIN TABLE NO. = 2

OPERATION RESVOR STRUCTURE 51

PEAK TIME(HRS)	PEAK DISCHARGE(CFS)	PEAK ELEVATION(FEET)
14.60	104.2	212.29

HRS	MAIN TIME INCREMENT = .08 hr,	ALTERNATE =22,	STORM = 2	DRAINAGE AREA = .37 SQ.MI.
5.08 CFS	0	1	1	1
5.75 CFS	1	1	1	1
6.42 CFS	1	1	1	1
7.08 CFS	1	1	1	1
7.75 CFS	2	2	2	2
8.42 CFS	3	3	3	3
9.08 CFS	4	4	4	4
9.75 CFS	5	5	5	5
10.42 CFS	7	7	7	7
11.08 CFS	9	10	10	11
11.75 CFS	14	16	19	23
12.42 CFS	47	51	54	58
13.08 CFS	75	79	82	85
13.75 CFS	96	98	99	101
14.42 CFS	104	104	104	104
15.08 CFS	102	102	101	100
15.75 CFS	95	94	93	92
16.42 CFS	85	84	83	82
17.08 CFS	75	74	73	71
17.75 CFS	65	64	63	62
18.42 CFS	57	56	55	54
19.08 CFS	49	48	47	46
19.75 CFS	43	42	41	40
20.42 CFS	37	36	36	35
21.08 CFS	32	32	31	31
21.75 CFS	29	28	28	27
22.42 CFS	26	25	25	24
23.08 CFS	23	23	23	22
23.75 CFS	21	21	21	20
24.42 CFS	19	19	19	18
25.08 CFS	17	17	17	16

25.75 CFS	16	15	15	15	15	14	14	14
26.42 CFS	14	13	13	13	13	12	12	12
27.08 CFS	12	12	11	11	11	11	10	10
27.75 CFS	10	10	10	9	9	9	9	9
28.42 CFS	9	8	8	8	8	8	7	7

4.58 CFS	1	1	1	1	1	1	1	1
5.25 CFS	1	1	1	1	1	1	1	1
5.92 CFS	1	2	2	2	2	2	2	2
6.58 CFS	2	2	2	3	3	3	3	3
7.25 CFS	3	3	3	4	4	4	4	4

TR20
MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
02/27/** MDTPL04 27 FEB 2003 DRAINAGE DITCH REMOVED FROM COMBINED10/01/90
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TR20
MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
02/27/** MDTPL04 27 FEB 2003 DRAINAGE DITCH REMOVED FROM COMBINED10/01/90
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29.08 CFS	7	7	7	7	7	6	6	6
29.75 CFS	6	6	6	6	5	5	5	5
30.42 CFS	5	5	5	5	4	4	4	4
31.08 CFS	4	4	4	4	4	4	3	3
31.75 CFS	3	3	3	3	3	3	3	3
32.42 CFS	3	3	3	2	2	2	2	2
33.08 CFS	2	2	2	2	2	2	2	2

10.58 CFS	13	13	14	14	15	15	16	16
11.25 CFS	17	18	18	19	20	22	24	27
11.92 CFS	31	38	46	53	60	66	71	77
12.58 CFS	62	87	93	98	102	107	111	115
13.25 CFS	119	123	127	130	133	136	139	141

RUNOFF ABOVE BASEFLOW OF .00 CFS
3.48 WATERSHED INCHES; 825 CFS-HRS; 68.2 ACRE-FEET.

RUNOFF ABOVE BASEFLOW OF .00 CFS
4.97 WATERSHED INCHES; 1178 CFS-HRS; 97.3 ACRE-FEET.

DURATION (HRS)	3	6	9	12	15	18	21	24
FLOW (CFS)	85	54	32	20	13	8	5	3

DURATION (HRS)	3	6	9	12	15	18	21	24
FLOW (CFS)	124	77	44	27	17	11	7	4

DURATION (HRS) 24
FLOW (CFS) 2 TRUNCATED

DURATION (HRS) 26
FLOW (CFS) 3 TRUNCATED

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 8

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 10

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 10-YR TY
STARTING TIME = .00 RAIN DEPTH = 5.25 RAIN DURATION = 1.00
ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
ALTERNATE NO. = 23 STORM NO. = 3 RAIN TABLE NO. = 2

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 50-YR TY
STARTING TIME = .00 RAIN DEPTH = 6.98 RAIN DURATION = 1.00
ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
ALTERNATE NO. = 25 STORM NO. = 5 RAIN TABLE NO. = 2

OPERATION RESVOR STRUCTURE 51

OPERATION RESVOR STRUCTURE 51

PEAK TIME (HRS)	14.60	PEAK DISCHARGE (CFS)	125.5	PEAK ELEVATION (FEET)	213.13
HYDROGRAPH POINTS FOR ALTERNATE = 23, STORM = 3					
HRS	0	1	1	1	1
4.50 CFS	0	1	1	1	1
5.17 CFS	1	1	1	1	1
5.83 CFS	1	1	1	1	1
6.50 CFS	1	2	2	2	2
7.17 CFS	2	2	2	2	2
7.83 CFS	3	3	3	3	3
8.50 CFS	4	4	4	4	4
9.17 CFS	5	6	6	6	6
9.83 CFS	7	8	8	8	8
10.50 CFS	9	10	10	10	10
11.17 CFS	13	13	14	14	15
11.83 CFS	21	24	30	36	43
12.50 CFS	62	67	71	75	80
13.17 CFS	96	100	103	106	109
13.83 CFS	118	119	121	122	123

PEAK TIME (HRS)	14.71	PEAK DISCHARGE (CFS)	175.8	PEAK ELEVATION (FEET)	215.16
HYDROGRAPH POINTS FOR ALTERNATE = 25, STORM = 5					
HRS	0	1	1	1	1
3.50 CFS	0	1	1	1	1
4.17 CFS	1	1	1	1	1
4.83 CFS	1	1	1	1	1
5.50 CFS	2	2	2	2	2
6.17 CFS	2	3	3	3	3
6.83 CFS	4	4	4	4	4
7.50 CFS	5	5	5	5	5
8.17 CFS	7	7	7	7	7
8.83 CFS	8	9	9	9	9
9.50 CFS	11	11	12	12	13
10.17 CFS	14	14	15	15	16
10.83 CFS	18	18	19	20	21
11.50 CFS	24	26	27	30	33
12.17 CFS	64	72	79	86	92
12.83 CFS	114	120	125	130	135
13.50 CFS	153	156	159	162	165
14.17 CFS	172	174	174	175	176
14.83 CFS	176	175	175	174	173
15.50 CFS	169	167	165	164	162

TR20
MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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14.50 CFS	125	126	125	125	124	124	123
15.17 CFS	122	121	121	119	118	117	116
15.83 CFS	113	112	111	109	108	106	105
16.50 CFS	102	100	99	97	95	94	92
17.17 CFS	89	87	86	84	82	81	79
17.83 CFS	76	75	74	72	71	69	68
18.50 CFS	66	65	63	62	61	60	59
19.17 CFS	57	56	55	54	53	52	51
19.83 CFS	49	48	47	47	46	45	44
20.50 CFS	42	42	41	40	39	38	37
21.17 CFS	37	36	36	35	34	33	33
21.83 CFS	32	32	31	31	31	30	29
22.50 CFS	29	28	28	28	27	27	26
23.17 CFS	26	26	25	25	25	24	24
23.83 CFS	24	24	23	23	23	22	22
24.50 CFS	22	21	21	21	20	20	20
25.17 CFS	19	19	19	18	18	18	17
25.83 CFS	17	17	17	16	16	16	15
26.50 CFS	15	15	15	14	14	14	13
27.17 CFS	13	13	13	12	12	12	11
27.83 CFS	11	11	11	10	10	10	10
28.50 CFS	9	9	9	9	8	8	8
29.17 CFS	8	8	8	7	7	7	7
29.83 CFS	7	6	6	6	6	6	6
30.50 CFS	5	5	5	5	5	5	5
31.17 CFS	5	4	4	4	4	4	4
31.83 CFS	4	4	4	3	3	3	3
32.50 CFS	3	3	3	3	3	3	3
33.17 CFS	2	2	2	2	2	2	2

16.17 CFS	154	151	149	147	145	142	140	138
16.83 CFS	135	133	131	128	126	124	121	119
17.50 CFS	117	115	113	111	109	107	105	103
18.17 CFS	101	99	97	95	93	91	89	87
18.83 CFS	85	84	82	80	79	77	75	74
19.50 CFS	72	71	70	68	67	66	64	63
20.17 CFS	62	61	60	59	58	57	56	55
20.83 CFS	54	53	52	51	50	49	48	47
21.50 CFS	47	46	45	44	44	43	42	41
22.17 CFS	41	40	39	39	38	38	37	37
22.83 CFS	36	36	35	35	34	34	33	33
23.50 CFS	32	32	32	31	31	31	30	30
24.17 CFS	30	29	29	28	28	27	27	27
24.83 CFS	26	26	26	25	25	24	24	24
25.50 CFS	23	23	22	22	22	21	21	21
26.17 CFS	20	20	19	19	19	18	18	18
26.83 CFS	17	17	17	17	16	16	16	15
27.50 CFS	15	15	15	14	14	14	13	13
28.17 CFS	13	13	12	12	12	12	11	11
28.83 CFS	11	11	11	10	10	10	10	9
29.50 CFS	9	9	9	9	8	8	8	8
30.17 CFS	8	8	7	7	7	7	7	7
30.83 CFS	6	6	6	6	6	6	6	5
31.50 CFS	5	5	5	5	5	5	5	4
32.17 CFS	4	4	4	4	4	4	4	4
32.83 CFS	4	3	3	3	3	3	3	3

RUNOFF ABOVE BASEFLOW OF .00 CFS
4.15 WATERSHED INCHES; 984 CFS-HRS; 81.3 ACRE-FEET.

RUNOFF ABOVE BASEFLOW OF .00 CFS
4.97 WATERSHED INCHES; 1178 CFS-HRS; 97.3 ACRE-FEET.

DURATION (HRS)	3	6	9	12	15	18	21	24
FLOW (CFS)	103	65	37	24	15	9	6	3

DURATION (HRS)	3	6	9	12	15	18	21	24
FLOW (CFS)	124	77	44	27	17	11	7	4

DURATION (HRS) 26
FLOW (CFS) 2 TRUNCATED

DURATION (HRS) 26
FLOW (CFS) 3 TRUNCATED

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 9

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 10

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 25-YR TY
STARTING TIME = .00 RAIN DEPTH = 6.10 RAIN DURATION = 1.00
ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
ALTERNATE NO. = 24 STORM NO. = 4 RAIN TABLE NO. = 2

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 50-YR TY
STARTING TIME = .00 RAIN DEPTH = 6.98 RAIN DURATION = 1.00
ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
ALTERNATE NO. = 25 STORM NO. = 5 RAIN TABLE NO. = 2

TR20
MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
02/27/** MDTPL04 27 FEB 2003 DRAINAGE DITCH REMOVED FROM COMBINED10/01/90
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OPERATION RESVOR STRUCTURE 51

OPERATION RESVOR STRUCTURE 51

PEAK TIME (HRS)	14.63	PEAK DISCHARGE (CFS)	151.5	PEAK ELEVATION (FEET)	214.14
HYDROGRAPH POINTS FOR ALTERNATE = 24, STORM = 4					
HRS	0	1	1	1	1
3.92 CFS	0	1	1	1	1

PEAK TIME (HRS)	14.71	PEAK DISCHARGE (CFS)	175.8	PEAK ELEVATION (FEET)	215.16
HYDROGRAPH POINTS FOR ALTERNATE = 25, STORM = 5					
HRS	0	1	1	1	1
3.92 CFS	0	1	1	1	1

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 14

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 10-YR TY
 STARTING TIME = .00 RAIN DEPTH = 5.25 RAIN DURATION= 1.00
 AMT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
 ALTERNATE NO.=33 STORM NO.= 3 RAIN TABLE NO.= 9

23.25 CFS	30	29	29	29	28	28	28	27
23.92 CFS	27	27	26	26	26	25	25	25
24.58 CFS	24	24	24	23	23	23	22	22
25.25 CFS	22	21	21	21	20	20	20	19
25.92 CFS	19	19	18	18	18	17	17	17
26.58 CFS	17	16	16	16	15	15	15	15
27.25 CFS	14	14	14	14	13	13	13	13
27.92 CFS	12	12	12	12	11	11	11	11
28.58 CFS	10	10	10	10	10	9	9	9
29.25 CFS	9	9	8	8	8	8	8	8
30.58 CFS	7	7	7	7	7	7	6	6
31.25 CFS	6	6	6	6	6	5	5	5
31.92 CFS	4	4	4	4	4	4	4	4
32.58 CFS	3	3	3	3	3	3	3	3
33.25 CFS	3							

OPERATION RESVOR STRUCTURE 51

PEAK TIME(HRS) 14.57 PEAK DISCHARGE(CFS) 124.7 PEAK ELEVATION(FEET) 213.10

HYDROGRAPH POINTS FOR ALTERNATE = 33, STORM = 3
 MAIN TIME INCREMENT = .08 hr, DRAINAGE AREA = .37 SQ.-MI.

HRS	0	1	1	1	1	1	1	1
4.42 CFS	0	1	1	1	1	1	1	1
5.08 CFS	1	1	1	1	1	1	1	1
5.75 CFS	1	1	1	1	1	1	1	1
6.42 CFS	1	1	1	1	1	1	1	1
7.08 CFS	2	2	2	2	2	2	2	2
7.75 CFS	3	3	3	3	3	3	3	3
8.42 CFS	4	4	4	4	4	4	4	4
9.08 CFS	5	5	5	5	5	5	5	5
9.75 CFS	7	7	7	7	7	7	7	7
10.42 CFS	9	9	10	10	10	11	11	12
11.08 CFS	12	13	13	14	15	16	18	
11.75 CFS	21	25	30	35	41	46	51	55
12.42 CFS	60	64	68	73	77	81	86	90
13.08 CFS	94	97	101	104	107	109	112	114
13.75 CFS	116	118	119	121	122	123	123	124
14.42 CFS	124	125	125	125	124	124	123	123
15.08 CFS	122	121	120	119	118	117	116	115
15.75 CFS	114	112	111	110	108	107	105	104
16.42 CFS	102	101	99	98	96	94	93	91
17.08 CFS	89	88	86	85	83	82	80	79
17.75 CFS	77	76	74	73	71	70	69	68
18.42 CFS	66	65	64	63	62	60	59	58

RUNOFF ABOVE BASEFLOW OF .00 CFS
 4.97 WATERSHED INCHES; 1177 CFS-HRS; 97.3 ACRE-FEET.

TR20 -----
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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DURATION(HRS)	3	6	9	12	15	18	21	24
FLOW(CFS)	124	78	44	27	17	11	7	4
DURATION(HRS)	26							
FLOW(CFS)	3 TRUNCATED							

TR20 -----
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
 02/27/** MDTPL04 27 FEB 2003 DRAINAGE DITCH REMOVED FROM COMBINED10/01/90
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19.08 CFS	57	56	55	54	53	52	51	50
19.75 CFS	50	49	48	47	46	45	45	44
20.42 CFS	43	42	41	41	40	39	39	38
21.08 CFS	37	37	36	36	35	34	34	33
22.42 CFS	29	29	29	28	27	27	27	27
23.08 CFS	26	26	26	25	25	25	24	24
23.75 CFS	24	24	24	23	23	23	22	22
24.42 CFS	22	22	21	21	21	20	20	20
25.08 CFS	20	19	19	19	18	18	18	18
25.75 CFS	17	17	17	17	16	16	16	15
26.42 CFS	15	15	15	14	14	14	14	13
27.08 CFS	13	13	13	12	12	12	12	12
27.75 CFS	11	11	11	11	10	10	10	10
28.42 CFS	10	9	9	9	9	8	8	8
29.08 CFS	8	8	8	8	7	7	7	7
29.75 CFS	7	7	6	6	6	6	6	6
30.42 CFS	6	5	5	5	5	5	5	5
31.08 CFS	5	4	4	4	4	4	4	4
31.75 CFS	4	4	4	3	3	3	3	3
32.42 CFS	3	3	3	3	3	3	3	3
33.08 CFS	3	2	2					

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 16

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 50-YR TY
 STARTING TIME = .00 RAIN DEPTH = 6.98 RAIN DURATION= 1.00
 AMT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
 ALTERNATE NO.=35 STORM NO.= 5 RAIN TABLE NO.= 9

OPERATION RESVOR STRUCTURE 51

PEAK TIME(HRS) 14.67 PEAK DISCHARGE(CFS) 175.1 PEAK ELEVATION(FEET) 215.12

HYDROGRAPH POINTS FOR ALTERNATE = 35, STORM = 5
 MAIN TIME INCREMENT = .08 hr, DRAINAGE AREA = .37 SQ.-MI.

HRS	0	1	1	1	1	1	1	1
3.50 CFS	0	1	1	1	1	1	1	1
4.17 CFS	1	1	1	1	1	1	1	1
4.83 CFS	1	1	1	1	1	1	1	1
5.50 CFS	2	2	2	2	2	2	2	2
6.17 CFS	2	3	3	3	3	3	3	3
6.83 CFS	4	4	4	4	4	4	4	5
7.50 CFS	5	5	5	5	6	6	6	6
8.17 CFS	7	7	7	7	7	7	8	8
8.83 CFS	9	9	9	9	10	10	10	11
9.50 CFS	11	11	12	12	12	13	13	13
10.17 CFS	14	14	15	15	16	16	17	17
10.83 CFS	18	18	19	20	21	21	22	24
11.50 CFS	25	26	29	33	39	46	53	61
12.17 CFS	68	76	82	89	95	101	106	112
12.83 CFS	117	122	127	132	137	142	146	150
13.50 CFS	153	157	159	162	165	167	169	171
14.17 CFS	172	173	174	173	175	175	175	175
14.83 CFS	175	175	174	173	173	172	170	169
15.50 CFS	167	166	164	162	160	158	156	154
16.17 CFS	152	150	148	145	143	141	138	136
16.83 CFS	134	131	129	127	125	122	120	118
17.50 CFS	116	114	112	110	108	106	104	102
18.17 CFS	100	98	96	94	92	90	88	86
18.83 CFS	84	83	81	79	78	76	75	73
19.50 CFS	72	70	69	68	66	65	64	63

RUNOFF ABOVE BASEFLOW OF .00 CFS
 4.15 WATERSHED INCHES; 983 CFS-HRS; 81.2 ACRE-FEET.

DURATION(HRS) 3 6 9 12 15 18 21 24
 FLOW(CFS) 104 64 37 24 15 9 6 3

DURATION(HRS) 26
 FLOW(CFS) 2 TRUNCATED

TR20 -----
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
 02/27/** MDTPL04 27 FEB 2003 DRAINAGE DITCH REMOVED FROM COMBINED10/01/90
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EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 15

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 25-YR TY
 STARTING TIME = .00 RAIN DEPTH = 6.10 RAIN DURATION= 1.00
 AMT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
 ALTERNATE NO.=34 STORM NO.= 4 RAIN TABLE NO.= 9

20.17 CFS	62	60	59	58	57	56	55	54
20.83 CFS	53	52	51	51	50	49	48	47
21.50 CFS	46	46	45	44	44	43	42	41
22.17 CFS	41	40	40	39	38	38	37	37
22.83 CFS	36	36	35	35	34	34	33	33
23.50 CFS	32	32	32	31	31	31	30	30
24.17 CFS	30	29	29	28	28	28	27	27
24.83 CFS	26	26	26	25	25	24	24	24
25.50 CFS	23	23	22	22	22	21	21	20
26.17 CFS	20	20	19	19	19	18	18	18
26.83 CFS	17	17	17	17	16	16	16	15
27.50 CFS	15	15	15	14	14	14	13	13
28.17 CFS	13	13	12	12	12	12	11	11
28.83 CFS	11	11	11	10	10	10	10	9
29.50 CFS	9	9	9	9	8	8	8	8
30.17 CFS	8	8	7	7	7	7	7	7
30.83 CFS	6	6	6	6	6	6	6	5
31.50 CFS	5	5	5	5	5	5	5	4
32.17 CFS	4	4	4	4	4	4	4	4
32.83 CFS	4	3	3	3	3	3	3	

OPERATION RESVOR STRUCTURE 51

PEAK TIME(HRS) 14.59 PEAK DISCHARGE(CFS) 150.7 PEAK ELEVATION(FEET) 214.11

HYDROGRAPH POINTS FOR ALTERNATE = 34, STORM = 4
 MAIN TIME INCREMENT = .08 hr, DRAINAGE AREA = .37 SQ.-MI.

RUNOFF ABOVE BASEFLOW OF .00 CFS
 5.82 WATERSHED INCHES; 1380 CFS-HRS; 114.0 ACRE-FEET.

DURATION(HRS) 3 6 9 12 15 18 21 24
 FLOW(CFS) 146 92 51 31 20 13 8 5

DURATION(HRS) 26
 FLOW(CFS) 3 TRUNCATED

HRS	0	1	1	1	1	1	1	1
3.92 CFS	0	1	1	1	1	1	1	1
4.58 CFS	1	1	1	1	1	1	1	1
5.25 CFS	1	1	1	1	1	1	1	1
5.92 CFS	1	2	2	2	2	2	2	2
6.58 CFS	2	2	2	3	3	3	3	3
7.25 CFS	3	3	3	4	4	4	4	4
7.92 CFS	4	4	5	5	5	5	6	6
8.58 CFS	6	6	6	6	7	7	7	7
9.25 CFS	8	8	8	8	9	9	9	10
9.92 CFS	10	10	11	11	11	12	12	12
10.58 CFS	13	13	14	14	15	15	16	16
11.25 CFS	17	18	19	20	21	23	27	32
11.92 CFS	37	44	51	57	63	68	74	79
12.58 CFS	84	90	95	100	104	109	113	117
13.25 CFS	121	124	128	131	134	137	139	142
13.92 CFS	144	145	147	148	149	150	150	151
14.58 CFS	151	151	150	150	149	149	148	147
15.25 CFS	146	144	143	142	140	139	137	135
15.92 CFS	134	132	130	128	126	124	123	121
16.58 CFS	119	117	115	113	111	109	108	106
17.25 CFS	104	102	100	99	97	95	93	91
17.92 CFS	89	88	86	84	82	81	79	78
18.58 CFS	76	75	73	72	70	69	68	66
19.25 CFS	65	64	63	62	60	59	58	57
19.92 CFS	56	55	54	53	52	51	50	49
20.58 CFS	49	48	47	46	45	45	44	43
21.25 CFS	42	42	41	40	40	39	38	38
21.92 CFS	37	37	36	35	35	34	34	33
22.58 CFS	33	33	32	32	31	31	30	30

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 17

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 100-YR T
 STARTING TIME = .00 RAIN DEPTH = 7.80 RAIN DURATION= 1.00
 AMT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
 ALTERNATE NO.=36 STORM NO.= 6 RAIN TABLE NO.= 9

*** WARNING - DISCHARGE EXCEEDS HIGHEST RATING POINT FOR STRUCTURE 49,
 VALUE EXTRAPOLATED. ***

*** WARNING - DISCHARGE EXCEEDS HIGHEST RATING POINT FOR STRUCTURE 51,
 VALUE EXTRAPOLATED. ***

OPERATION RESVOR STRUCTURE 51

PEAK TIME(HRS)	PEAK DISCHARGE(CFS)				PEAK ELEVATION(FEET)			
14.73	193.3				216.19			
HRS	HYDROGRAPH POINTS FOR ALTERNATE =36, STORM = 6				DRAINAGE AREA = .37 SQ.MI.			
	MAIN TIME INCREMENT = .08 hr,							
3.17 CFS	0	1	1	1	1	1	1	1
3.83 CFS	1	1	1	1	1	1	1	1
4.50 CFS	1	1	1	1	1	2	2	2
5.17 CFS	2	2	2	2	2	2	2	2
5.83 CFS	3	3	3	3	3	3	3	3
6.50 CFS	4	4	4	4	4	4	4	4
7.17 CFS	5	5	5	5	5	5	5	5
7.83 CFS	6	6	6	6	6	6	6	6
8.50 CFS	7	7	7	7	7	7	7	7
9.17 CFS	8	8	8	8	8	8	8	8
9.83 CFS	9	9	9	9	9	9	9	9
10.50 CFS	10	10	10	10	10	10	10	10
11.17 CFS	11	11	11	11	11	11	11	11
11.83 CFS	12	12	12	12	12	12	12	12
12.50 CFS	13	13	13	13	13	13	13	13
13.17 CFS	14	14	14	14	14	14	14	14
13.83 CFS	15	15	15	15	15	15	15	15
14.50 CFS	16	16	16	16	16	16	16	16
15.17 CFS	17	17	17	17	17	17	17	17
15.83 CFS	18	18	18	18	18	18	18	18
16.50 CFS	19	19	19	19	19	19	19	19
17.17 CFS	20	20	20	20	20	20	20	20
17.83 CFS	21	21	21	21	21	21	21	21
18.50 CFS	22	22	22	22	22	22	22	22
19.17 CFS	23	23	23	23	23	23	23	23
19.83 CFS	24	24	24	24	24	24	24	24
20.50 CFS	25	25	25	25	25	25	25	25
21.17 CFS	26	26	26	26	26	26	26	26
21.83 CFS	27	27	27	27	27	27	27	27
22.50 CFS	28	28	28	28	28	28	28	28
23.17 CFS	29	29	29	29	29	29	29	29
23.83 CFS	30	30	30	30	30	30	30	30
24.50 CFS	31	31	31	31	31	31	31	31
25.17 CFS	32	32	32	32	32	32	32	32
25.83 CFS	33	33	33	33	33	33	33	33
26.50 CFS	34	34	34	34	34	34	34	34
27.17 CFS	35	35	35	35	35	35	35	35
27.83 CFS	36	36	36	36	36	36	36	36
28.50 CFS	37	37	37	37	37	37	37	37
29.17 CFS	38	38	38	38	38	38	38	38
29.83 CFS	39	39	39	39	39	39	39	39
30.50 CFS	40	40	40	40	40	40	40	40
31.17 CFS	41	41	41	41	41	41	41	41
31.83 CFS	42	42	42	42	42	42	42	42
32.50 CFS	43	43	43	43	43	43	43	43
33.17 CFS	44	44	44	44	44	44	44	44

PEAK TIME(HRS)	PEAK DISCHARGE(CFS)				PEAK ELEVATION(FEET)			
14.44	108.1				212.44			
HRS	HYDROGRAPH POINTS FOR ALTERNATE =42, STORM = 2				DRAINAGE AREA = .37 SQ.MI.			
	MAIN TIME INCREMENT = .08 hr,							
5.83 CFS	0	1	1	1	1	1	1	1
6.50 CFS	1	1	1	1	1	1	1	1
7.17 CFS	1	1	1	1	1	1	1	1
7.83 CFS	2	2	2	2	2	2	2	2
8.50 CFS	2	2	2	2	2	2	2	2
9.17 CFS	3	3	3	3	3	3	3	3
9.83 CFS	4	4	4	4	4	4	4	4
10.50 CFS	5	5	5	5	5	5	5	5
11.17 CFS	6	6	6	6	6	6	6	6
11.83 CFS	7	7	7	7	7	7	7	7
12.50 CFS	8	8	8	8	8	8	8	8
13.17 CFS	9	9	9	9	9	9	9	9
13.83 CFS	10	10	10	10	10	10	10	10
14.50 CFS	11	11	11	11	11	11	11	11
15.17 CFS	12	12	12	12	12	12	12	12
15.83 CFS	13	13	13	13	13	13	13	13
16.50 CFS	14	14	14	14	14	14	14	14
17.17 CFS	15	15	15	15	15	15	15	15
17.83 CFS	16	16	16	16	16	16	16	16
18.50 CFS	17	17	17	17	17	17	17	17
19.17 CFS	18	18	18	18	18	18	18	18
19.83 CFS	19	19	19	19	19	19	19	19
20.50 CFS	20	20	20	20	20	20	20	20
21.17 CFS	21	21	21	21	21	21	21	21
21.83 CFS	22	22	22	22	22	22	22	22
22.50 CFS	23	23	23	23	23	23	23	23
23.17 CFS	24	24	24	24	24	24	24	24
23.83 CFS	25	25	25	25	25	25	25	25
24.50 CFS	26	26	26	26	26	26	26	26
25.17 CFS	27	27	27	27	27	27	27	27
25.83 CFS	28	28	28	28	28	28	28	28
26.50 CFS	29	29	29	29	29	29	29	29
27.17 CFS	30	30	30	30	30	30	30	30
27.83 CFS	31	31	31	31	31	31	31	31
28.50 CFS	32	32	32	32	32	32	32	32
29.17 CFS	33	33	33	33	33	33	33	33
29.83 CFS	34	34	34	34	34	34	34	34
30.50 CFS	35	35	35	35	35	35	35	35
31.17 CFS	36	36	36	36	36	36	36	36
31.83 CFS	37	37	37	37	37	37	37	37
32.50 CFS	38	38	38	38	38	38	38	38
33.17 CFS	39	39	39	39	39	39	39	39

RUNOFF ABOVE BASEFLOW OF .00 CFS
 2.48 WATERSHED INCHES; 587 CFS-HRS; 48.5 ACRE-FEET.

DURATION(HRS) 2 4 6 8 10 12 14 16
 FLOW(CFS) 67 54 40 29 21 15 10 7

DURATION(HRS) 18 20 22 24
 FLOW(CFS) 5 3 2 1 TRUNCATED

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 19

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 5-YR ZON
 STARTING TIME = .00 RAIN DEPTH = 4.55 RAIN DURATION= 1.00
 ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
 ALTERNATE NO.=42 STORM NO. = 2 RAIN TABLE NO. = 8

OPERATION RESVOR STRUCTURE 51

PEAK TIME(HRS)	PEAK DISCHARGE(CFS)				PEAK ELEVATION(FEET)			
14.44	108.1				212.44			
HRS	HYDROGRAPH POINTS FOR ALTERNATE =42, STORM = 2				DRAINAGE AREA = .37 SQ.MI.			
	MAIN TIME INCREMENT = .08 hr,							
5.83 CFS	0	1	1	1	1	1	1	1
6.50 CFS	1	1	1	1	1	1	1	1
7.17 CFS	1	1	1	1	1	1	1	1
7.83 CFS	2	2	2	2	2	2	2	2
8.50 CFS	2	2	2	2	2	2	2	2
9.17 CFS	3	3	3	3	3	3	3	3
9.83 CFS	4	4	4	4	4	4	4	4
10.50 CFS	5	5	5	5	5	5	5	5
11.17 CFS	6	6	6	6	6	6	6	6
11.83 CFS	7	7	7	7	7	7	7	7
12.50 CFS	8	8	8	8	8	8	8	8
13.17 CFS	9	9	9	9	9	9	9	9
13.83 CFS	10	10	10	10	10	10	10	10
14.50 CFS	11	11	11	11	11	11	11	11
15.17 CFS	12	12	12	12	12	12	12	12
15.83 CFS	13	13	13	13	13	13	13	13
16.50 CFS	14	14	14	14	14	14	14	14
17.17 CFS	15	15	15	15	15	15	15	15
17.83 CFS	16	16	16	16	16	16	16	16
18.50 CFS	17	17	17	17	17	17	17	17
19.17 CFS	18	18	18	18	18	18	18	18
19.83 CFS	19	19	19	19	19	19	19	19
20.50 CFS	20	20	20	20	20	20	20	20
21.17 CFS	21	21	21	21	21	21	21	21
21.83 CFS	22	22	22	22	22	22	22	22
22.50 CFS	23	23	23	23	23	23	23	23
23.17 CFS	24	24	24	24	24	24	24	24
23.83 CFS	25	25	25	25	25	25	25	25
24.50 CFS	26	26	26	26	26	26	26	26
25.17 CFS	27	27	27	27	27	27	27	27
25.83 CFS	28	28	28	28	28	28	28	28
26.50 CFS	29	29	29	29	29	29	29	29
27.17 CFS	30	30	30	30	30	30	30	30
27.83 CFS	31	31	31	31	31	31	31	31
28.50 CFS	32	32	32	32	32	32	32	32
29.17 CFS	33	33	33	33	33	33	33	33
29.83 CFS	34	34	34	34	34	34	34	34
30.50 CFS	35	35	35	35	35	35	35	35
31.17 CFS	36	36	36	36	36	36	36	36
31.83 CFS	37	37	37	37	37	37	37	37
32.50 CFS	38	38	38	38	38	38	38	38
33.17 CFS	39	39	39	39	39	39	39	39

OPERATION RESVOR STRUCTURE 51

PEAK TIME(HRS)	PEAK DISCHARGE(CFS)				PEAK ELEVATION(FEET)			
14.44	130.3				213.32			
HRS	HYDROGRAPH POINTS FOR ALTERNATE =43, STORM = 3				DRAINAGE AREA = .37 SQ.MI.			
	MAIN TIME INCREMENT = .08 hr,							
5.33 CFS	0	1	1	1	1	1	1	1
6.00 CFS	1	1	1	1	1	1	1	1
6.67 CFS	1	1	1	1	1	1	1	1
7.33 CFS	2	2	2	2	2	2	2	2
8.00 CFS	3	3	3	3	3	3	3	3
8.67 CFS	4	4	4	4	4	4	4	4

RUNOFF ABOVE BASEFLOW OF .00 CFS
 3.48 WATERSHED INCHES; 826 CFS-HRS; 68.3 ACRE-FEET.

DURATION(HRS) 3 6 9 12 15 18 21 24
 FLOW(CFS) 89 56 32 19 11 7 4 2

DURATION(HRS) 25
 FLOW(CFS) 2 TRUNCATED

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 20

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 10-YR ZON
 STARTING TIME = .00 RAIN DEPTH = 5.25 RAIN DURATION= 1.00
 ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
 ALTERNATE NO.=43 STORM NO. = 3 RAIN TABLE NO. = 8

PEAK TIME(HRS)	PEAK DISCHARGE(CFS)				PEAK ELEVATION(FEET)			
14.44	130.3				213.32			
HRS	HYDROGRAPH POINTS FOR ALTERNATE =43, STORM = 3				DRAINAGE AREA = .37 SQ.MI.			
	MAIN TIME INCREMENT = .08 hr,							
5.33 CFS	0	1	1	1	1	1	1	1
6.00 CFS	1	1	1	1	1	1	1	1
6.67 CFS	1	1	1	1	1	1	1	1
7.33 CFS	2	2	2	2	2	2	2	2
8.00 CFS	3	3	3	3	3	3	3	3
8.67 CFS	4	4	4	4	4	4	4	4

9.33 CFS	5	6	6	6	6	7	7	7
10.00 CFS	8	8	8	9	9	9	10	10
10.67 CFS	10	11	11	12	12	13	14	14
11.33 CFS	16	17	18	19	22	25	30	36
12.00 CFS	42	48	54	59	64	68	73	77
12.67 CFS	82	87	91	95	99	103	106	109
13.33 CFS	112	115	117	120	122	124	125	127
14.00 CFS	128	129	129	130	130	130	130	130
14.67 CFS	130	129	129	128	127	126	125	124
15.33 CFS	123	121	120	119	117	116	115	113
16.00 CFS	111	110	108	107	105	104	102	100
16.67 CFS	99	97	95	94	92	90	89	87
17.33 CFS	85	84	82	80	79	77	76	74
18.00 CFS	73	72	70	69	68	66	65	64
18.67 CFS	63	62	60	59	58	57	56	55
19.33 CFS	54	53	52	51	50	49	48	47

DURATION (HRS) 3 6 9 12 15 18 21 24
FLOW (CFS) 128 79 45 25 15 10 6 3

DURATION (HRS) 27
FLOW (CFS) 2 TRUNCATED

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 22

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 50-YR Z0
STARTING TIME = .00 RAIN DEPTH = 6.98 RAIN DURATION= 1.00
ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
ALTERNATE NO.=45 STORM NO.= 5 RAIN TABLE NO.= 8

TR20 -----
MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
02/27/** MDTPL04 27 FEB 2003 DRAINAGE DITCH REMOVED FROM COMBINED10/01/90
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20.00 CFS	47	46	45	44	43	42	42	41
20.67 CFS	40	39	39	38	37	36	36	35
21.33 CFS	35	34	33	33	32	32	31	31
22.00 CFS	30	30	29	29	28	28	27	27
22.67 CFS	26	26	25	25	25	24	24	23
23.33 CFS	23	23	22	22	22	21	21	21
24.00 CFS	20	20	20	19	19	19	18	18
24.67 CFS	18	18	17	17	17	16	16	16
25.33 CFS	16	15	15	15	15	14	14	14
26.00 CFS	14	13	13	13	13	12	12	12
26.67 CFS	12	11	11	11	11	10	10	10
27.33 CFS	10	10	9	9	9	9	9	8
28.00 CFS	8	8	8	8	8	7	7	7
28.67 CFS	7	7	7	6	6	6	6	6
29.33 CFS	6	6	5	5	5	5	5	5
30.00 CFS	5	5	4	4	4	4	4	4
30.67 CFS	4	4	4	4	3	3	3	3
31.33 CFS	3	3	3	3	3	3	3	3
32.00 CFS	3	3	2	2	2	2	2	2
32.67 CFS	2	2	2	2	2	2	2	2

RUNOFF ABOVE BASEFLOW OF .00 CFS
4.16 WATERSHED INCHES; 985 CFS-HRS; 81.4 ACRE-FEET.

DURATION (HRS) 3 6 9 12 15 18 21 24
FLOW (CFS) 107 66 37 22 13 8 5 3

DURATION (HRS) 26
FLOW (CFS) 2 TRUNCATED

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 21

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 25-YR Z0
STARTING TIME = .00 RAIN DEPTH = 6.10 RAIN DURATION= 1.00
ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
ALTERNATE NO.=44 STORM NO.= 4 RAIN TABLE NO.= 8

OPERATION RESVOR STRUCTURE 51

PEAK TIME (HRS) 14.48 PEAK DISCHARGE (CFS) 156.7 PEAK ELEVATION (FEET) 214.35
HYDROGRAPH POINTS FOR ALTERNATE =44, STORM = 4
HRS MAIN TIME INCREMENT = .08 hr, DRAINAGE AREA = .37 SQ-MI.

4.92 CFS	0	1	1	1	1	1	1	1
5.58 CFS	1	1	1	1	1	1	1	1

TR20 -----
MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
02/27/** MDTPL04 27 FEB 2003 DRAINAGE DITCH REMOVED FROM COMBINED10/01/90
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6.25 CFS	1	1	1	1	2	2	2	2
6.92 CFS	2	2	2	2	2	2	3	3
7.58 CFS	3	3	3	3	3	4	4	4
8.25 CFS	4	4	5	5	5	5	6	6
8.92 CFS	6	6	7	7	7	8	8	8
9.58 CFS	8	9	9	9	10	10	11	11
10.25 CFS	11	12	12	13	13	14	14	15
10.92 CFS	15	16	17	18	19	20	22	23
11.58 CFS	25	28	33	38	45	52	59	66
12.25 CFS	72	78	84	90	95	100	105	110
12.92 CFS	114	118	123	127	130	134	137	140
13.58 CFS	143	146	148	150	152	153	154	155
14.25 CFS	156	156	157	157	157	156	155	155
14.92 CFS	154	153	152	151	150	148	147	145
15.58 CFS	143	142	140	138	136	134	132	130
16.25 CFS	128	126	124	122	120	118	116	114
16.92 CFS	112	111	109	107	105	103	101	99
17.58 CFS	97	96	94	92	90	88	86	84
18.25 CFS	83	81	79	78	76	75	73	72
18.92 CFS	70	69	68	66	65	64	63	61
19.58 CFS	60	59	58	57	56	55	54	53
20.25 CFS	52	51	50	49	48	47	46	45
20.92 CFS	45	44	43	42	41	40	40	39
21.58 CFS	38	37	37	36	35	35	34	34
22.25 CFS	33	32	32	31	31	30	30	29
22.92 CFS	29	28	28	27	27	26	26	26
23.58 CFS	25	25	24	24	23	23	23	22
24.25 CFS	22	22	21	21	20	20	20	19
24.92 CFS	19	19	18	18	17	17	17	17
25.58 CFS	17	16	16	16	15	15	15	15
26.25 CFS	14	14	14	14	13	13	13	13
26.92 CFS	12	12	12	12	11	11	11	11
27.58 CFS	10	10	10	10	9	9	9	9
28.25 CFS	9	9	8	8	8	8	8	8
28.92 CFS	7	7	7	7	6	6	6	6
29.58 CFS	6	6	6	6	5	5	5	5
30.25 CFS	5	5	5	5	5	4	4	4
30.92 CFS	4	4	4	4	4	4	4	4
31.58 CFS	3	3	3	3	3	3	3	3
32.25 CFS	3	3	3	3	2	2	2	2
32.92 CFS	2	2	2	2	2	2	2	2

RUNOFF ABOVE BASEFLOW OF .00 CFS
4.98 WATERSHED INCHES; 1179 CFS-HRS; 97.5 ACRE-FEET.

TR20 -----
MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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OPERATION RESVOR STRUCTURE 51

PEAK TIME (HRS) 14.57 PEAK DISCHARGE (CFS) 180.3 PEAK ELEVATION (FEET) 215.43
HYDROGRAPH POINTS FOR ALTERNATE =45, STORM = 5
HRS MAIN TIME INCREMENT = .08 hr, DRAINAGE AREA = .37 SQ-MI.

4.50 CFS	0	1	1	1	1	1	1	1
5.17 CFS	1	1	1	1	1	1	1	1
5.83 CFS	1	1	1	1	1	2	2	2
6.50 CFS	2	2	2	2	2	3	3	3
7.17 CFS	3	3	3	4	4	4	4	4
7.83 CFS	5	5	5	5	6	6	6	6
8.50 CFS	7	7	7	7	8	8	8	9
9.17 CFS	9	9	10	10	11	11	11	12
9.83 CFS	12	13	13	14	14	15	15	16
10.50 CFS	16	17	17	18	19	19	20	21
11.17 CFS	22	24	25	27	29	32	35	40
11.83 CFS	47	54	62	71	80	88	94	101
12.50 CFS	106	112	118	123	129	134	140	145
13.17 CFS	150	154	158	162	165	168	171	173
13.83 CFS	175	176	177	178	179	179	180	180
14.50 CFS	180	180	180	180	180	179	178	178
15.17 CFS	177	176	175	173	172	170	168	166
15.83 CFS	164	162	159	157	155	153	150	148
16.50 CFS	145	143	140	138	135	133	131	128
17.17 CFS	126	123	121	119	117	114	112	110
17.83 CFS	108	106	104	102	100	98	96	94
18.50 CFS	92	90	88	86	84	83	81	79
19.17 CFS	78	76	74	73	71	70	69	67
19.83 CFS	66	65	63	62	61	60	59	58
20.50 CFS	56	55	54	53	52	51	50	49

TR20 -----
MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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21.17 CFS	49	48	47	46	45	44	43	43
21.83 CFS	42	41	40	39	39	38	37	37
22.50 CFS	36	35	35	34	33	33	32	32
23.17 CFS	31	31	30	29	29	28	28	27
23.83 CFS	27	27	26	26	25	25	24	24
24.50 CFS	23	23	23	22	22	21	21	21
25.17 CFS	20	20	19	19	18	18	18	18
25.83 CFS	17	17	17	16	16	16	16	15
26.50 CFS	15	15	14	14	14	14	13	13
27.17 CFS	13	13	12	12	12	12	11	11
27.83 CFS	11	11	10	10	10	10	10	9
28.50 CFS	9	9	9	9	8	8	8	8
29.17 CFS	8	7	7	7	7	7	7	6
29.83 CFS	6	6	6	6	6	6	5	5
30.50 CFS	5	5	5	5	5	5	4	4
31.17 CFS	4	4	4	4	4	4	4	4
31.83 CFS	3	3	3	3	3	3	3	3
32.50 CFS	3	3	3	3	3	3	3	3
33.17 CFS	2	2	2	2	2	2	2	2

RUNOFF ABOVE BASEFLOW OF .00 CFS
5.83 WATERSHED INCHES; 1382 CFS-HRS; 114.2 ACRE-FEET.

DURATION (HRS) 3 6 9 12 15 18 21 24
FLOW (CFS) 153 94 51 29 18 11 7 4

DURATION (HRS) 26
FLOW (CFS) 2 TRUNCATED

EXECUTIVE CONTROL ENDCMP COMPUTATIONS COMPLETED FOR PASS 23

EXECUTIVE CONTROL COMPUT FROM XSECTION 44 TO STRUCTURE 51 100-YR Z
STARTING TIME = .00 RAIN DEPTH = 7.80 RAIN DURATION= 1.00
ANT. MOIST. COND. = 2 MAIN TIME INCREMENT = .08 HOURS
ALTERNATE NO.=46 STORM NO.= 6 RAIN TABLE NO.= 8

*** WARNING - DISCHARGE EXCEEDS HIGHEST RATING POINT FOR STRUCTURE 49, VALUE EXTRAPOLATED. ***
*** WARNING - DISCHARGE EXCEEDS HIGHEST RATING POINT FOR STRUCTURE 51, VALUE EXTRAPOLATED. ***

OPERATION RESVOR STRUCTURE 51

TR20 -----
MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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PEAK TIME (HRS) 14.58 PEAK DISCHARGE (CFS) 199.8 PEAK ELEVATION (FEET) 216.57
HYDROGRAPH POINTS FOR ALTERNATE =46, STORM = 6
HRS MAIN TIME INCREMENT = .08 hr, DRAINAGE AREA = .37 SQ-MI.

4.17 CFS	0	1	1	1	1	1	1	1
4.83 CFS	1	1	1	1	1	1	1	1
5.50 CFS	1	1	1	1	2	2	2	2
6.17 CFS	2	2	2	2	3	3	3	3
6.83 CFS	3	3	4	4	4	4	4	5
7.50 CFS	5	5	5	6	6	6	6	7
8.17 CFS	7	7	8	8	8	9	9	9
8.83 CFS	10	10	10	11	11	12	12	13
9.50 CFS	13	13	14	14	15	15	16	16
10.17 CFS	17	18	18	19	19	20	21	22
10.83 CFS	23	24	25	26	27	29	31	33
11.50 CFS	35	38	42	48	55	63	73	83
12.17 CFS	93	101	108	115	121	128	135	142
12.83 CFS	149	155	161	167	173	176	179	182
13.50 CFS	185	188	190	192	193	195	196	197
14.17 CFS	198	199	199	20				

15.50 CFS	192	190	189	187	186	184	182	180
16.17 CFS	179	177	175	173	170	167	164	161
16.83 CFS	158	155	153	150	147	144	141	138
17.50 CFS	135	133	130	127	125	122	120	117
18.17 CFS	115	113	110	108	106	104	102	100
18.83 CFS	98	96	94	92	90	88	86	84
19.50 CFS	82	80	79	77	75	74	72	71
20.17 CFS	69	68	67	65	64	63	61	60
20.83 CFS	59	58	57	56	55	54	53	52
21.50 CFS	51	50	49	48	47	46	45	44
22.17 CFS	44	43	42	41	40	40	39	38
22.83 CFS	37	37	36	35	35	34	33	33
23.50 CFS	32	32	31	31	30	29	29	28
24.17 CFS	28	27	27	26	26	25	25	24
24.83 CFS	24	24	23	23	22	22	21	21
25.50 CFS	20	20	20	19	19	19	18	18
26.17 CFS	18	17	17	17	16	16	16	15
26.83 CFS	15	15	14	14	14	14	13	13
27.50 CFS	13	13	12	12	12	12	11	11
28.17 CFS	11	11	10	10	10	10	10	9
28.83 CFS	9	9	9	8	8	8	8	8
29.50 CFS	8	7	7	7	7	7	7	6
30.17 CFS	6	6	6	6	6	6	5	5
30.83 CFS	5	5	5	5	5	5	4	4
31.50 CFS	4	4	4	4	4	4	4	4
32.17 CFS	3	3	3	3	3	3	3	3
32.83 CFS	3	3	3	3	3	3	2	2

ALTERNATE 12 STORM 2									
XSECTION 44	RUNOFF	.06	2.46	---	2.54	119	1983.3		
XSECTION 45	RUNOFF	.00	3.34	---	2.32	10	*****		
XSECTION 45	ADDHYD	.07	2.49	---	2.53	121	1728.6		
STRUCTURE 45	RESVOR	.07	2.49	223.34	2.84	59	842.9		
XSECTION 146	RUNOFF	.00	2.75	---	2.47	10	*****		
XSECTION 146	ADDHYD	.07	2.51	---	2.81	62	885.7		
XSECTION 46	RUNOFF	.00	2.75	---	2.47	10	*****		
XSECTION 46	ADDHYD	.07	2.52	---	2.77	65	928.6		
XSECTION 27	RUNOFF	.18	2.55	---	2.57	322	1788.9		
XSECTION 28	RUNOFF	.00	3.34	---	2.32	18	*****		
XSECTION 28	ADDHYD	.18	2.58	---	2.56	325	1805.6		
STRUCTURE 28	RESVOR	.18	2.58	220.39	2.99	119	661.1		
XSECTION 132	RUNOFF	.00	2.75	---	2.51	10	*****		
XSECTION 132	ADDHYD	.18	2.58	---	2.97	121	672.2		
XSECTION 32	RUNOFF	.00	2.75	---	2.51	10	*****		
XSECTION 32	ADDHYD	.19	2.58	---	2.95	124	652.6		
XSECTION 133	ADDHYD	.26	2.57	---	2.89	186	715.4		
XSECTION 47	RUNOFF	.02	2.44	---	2.48	33	1650.0		
XSECTION 147	RUNOFF	.00	3.34	---	2.32	20	*****		
XSECTION 148	ADDHYD	.02	2.67	---	2.37	42	2100.0		
XSECTION 100	ADDHYD	.28	2.57	---	2.84	198	707.1		
XSECTION 49	RUNOFF	.04	1.87	---	2.50	63	1575.0		
XSECTION 149	RUNOFF	.00	3.34	---	2.32	9	*****		

1 TR20 -----
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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RUNOFF ABOVE BASEFLOW OF .00 CFS
 6.63 WATERSHED INCHES; 1572 CFS-HRS; 129.9 ACRE-FEET.

DURATION (HRS)	3	6	9	12	15	18	21	24
FLOW (CFS)	176	108	58	33	20	13	8	4
DURATION (HRS)	27							
FLOW (CFS)	2 TRUNCATED							

1 TR20 -----
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
 02/27/** MDTPL04 27 FEB 2003 DRAINAGE DITCH REMOVED FROM COMBINED10/01/90
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
 A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
 F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STANDARD	PEAK DISCHARGE					
STRUCTURE CONTROL	DRAINAGE	RUNOFF	ELEVATION	TIME	RATE	RATE
ID OPERATION	AREA	AMOUNT	(FT)	(HR)	(CFS)	(CSM)
	(SQ MI)	(IN)				

RAINFALL OF 2.52 inches AND 6.00 hr DURATION, BEGINS AT .0 hrs.
 RAINFALL NUMBER 7, AMC 2
 MAIN TIME INCREMENT .08 HOURS

ALTERNATE 11 STORM 1							
XSECTION 44	RUNOFF	.06	1.63	---	2.55	79	1316.7
XSECTION 45	RUNOFF	.00	2.46	---	2.32	7	*****
XSECTION 45	ADDHYD	.07	1.66	---	2.55	80	1142.9
STRUCTURE 45	RESVOR	.07	1.66	222.82	2.89	35	500.0
XSECTION 146	RUNOFF	.00	1.87	---	2.47	7	*****
XSECTION 146	ADDHYD	.07	1.67	---	2.86	37	528.6
XSECTION 46	RUNOFF	.00	1.87	---	2.47	7	*****
XSECTION 46	ADDHYD	.07	1.68	---	2.83	39	557.1
XSECTION 27	RUNOFF	.18	1.71	---	2.57	216	1200.0
XSECTION 28	RUNOFF	.00	2.46	---	2.32	14	*****
XSECTION 28	ADDHYD	.18	1.73	---	2.56	218	1211.1
STRUCTURE 28	RESVOR	.18	1.73	219.45	3.13	61	338.9
XSECTION 132	RUNOFF	.00	1.88	---	2.51	7	*****
XSECTION 132	ADDHYD	.18	1.73	---	3.12	63	350.0
XSECTION 32	RUNOFF	.00	1.88	---	2.51	7	*****
XSECTION 32	ADDHYD	.19	1.74	---	3.11	64	336.8
XSECTION 133	ADDHYD	.26	1.72	---	3.03	99	380.8
XSECTION 47	RUNOFF	.02	1.63	---	2.49	22	1100.0
XSECTION 147	RUNOFF	.00	2.46	---	2.32	15	*****
XSECTION 148	ADDHYD	.02	1.83	---	2.37	29	1450.0
XSECTION 100	ADDHYD	.28	1.73	---	3.00	106	378.6
XSECTION 49	RUNOFF	.04	1.13	---	2.50	37	925.0
XSECTION 149	RUNOFF	.00	2.46	---	2.32	7	*****
XSECTION 150	ADDHYD	.04	1.20	---	2.49	39	975.0
XSECTION 101	ADDHYD	.32	1.66	---	2.52	124	387.5
STRUCTURE 49	RESVOR	.32	1.66	214.52	3.83	68	212.5
XSECTION 50	RUNOFF	.04	1.13	---	2.50	40	1000.0
XSECTION 51	RUNOFF	.00	2.46	---	2.32	5	*****

1 TR20 -----
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
 A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
 F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STANDARD	PEAK DISCHARGE					
STRUCTURE CONTROL	DRAINAGE	RUNOFF	ELEVATION	TIME	RATE	RATE
ID OPERATION	AREA	AMOUNT	(FT)	(HR)	(CFS)	(CSM)
	(SQ MI)	(IN)				

RAINFALL OF 3.42 inches AND 6.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE 11 STORM 1							
XSECTION 51	ADDHYD	.04	1.19	---	2.50	42	1050.0
XSECTION 102	ADDHYD	.37	1.61	---	3.70	73	197.3
STRUCTURE 51	RESVOR	.37	1.61	210.35	5.57	54	145.9

1 TR20 -----
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
 02/27/** MDTPL04 27 FEB 2003 DRAINAGE DITCH REMOVED FROM COMBINED10/01/90
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
 A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
 F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STANDARD	PEAK DISCHARGE					
STRUCTURE CONTROL	DRAINAGE	RUNOFF	ELEVATION	TIME	RATE	RATE
ID OPERATION	AREA	AMOUNT	(FT)	(HR)	(CFS)	(CSM)
	(SQ MI)	(IN)				

RAINFALL OF 4.02 inches AND 6.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE 13 STORM 3							
XSECTION 44	RUNOFF	.06	3.03	---	2.54	145	2416.7
XSECTION 45	RUNOFF	.00	3.93	---	2.32	11	*****
XSECTION 45	ADDHYD	.07	3.06	---	2.53	147	2100.0
STRUCTURE 45	RESVOR	.07	3.06	223.68	2.82	76	1085.7
XSECTION 146	RUNOFF	.00	3.34	---	2.47	12	*****
XSECTION 146	ADDHYD	.07	3.08	---	2.80	79	1128.6
XSECTION 46	RUNOFF	.00	3.34	---	2.47	12	*****
XSECTION 46	ADDHYD	.07	3.09	---	2.77	83	1185.7
XSECTION 27	RUNOFF	.18	3.13	---	2.56	393	2183.3
XSECTION 28	RUNOFF	.00	3.93	---	2.32	22	*****
XSECTION 28	ADDHYD	.18	3.15	---	2.55	396	2200.0
STRUCTURE 28	RESVOR	.18	3.15	221.05	2.96	153	850.0
XSECTION 132	RUNOFF	.00	3.34	---	2.51	12	*****
XSECTION 132	ADDHYD	.18	3.16	---	2.94	156	866.7
XSECTION 32	RUNOFF	.00	3.34	---	2.51	12	*****
XSECTION 32	ADDHYD	.19	3.16	---	2.93	159	836.8
XSECTION 133	ADDHYD	.26	3.14	---	2.86	240	923.1
XSECTION 47	RUNOFF	.02	3.01	---	2.48	40	2000.0

1 TR20 -----
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
 02/27/** MDTPL04 27 FEB 2003 DRAINAGE DITCH REMOVED FROM COMBINED10/01/90
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
 A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
 F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STANDARD	PEAK DISCHARGE					
STRUCTURE CONTROL	DRAINAGE	RUNOFF	ELEVATION	TIME	RATE	RATE
ID OPERATION	AREA	AMOUNT	(FT)	(HR)	(CFS)	(CSM)
	(SQ MI)	(IN)				

RAINFALL OF 4.63 inches AND 6.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE 13 STORM 3							
XSECTION 147	RUNOFF	.00	3.93	---	2.32	23	*****
XSECTION 148	ADDHYD	.02	3.23	---	2.37	51	2550.0
XSECTION 100	ADDHYD	.28	3.15	---	2.82	254	907.1
XSECTION 49	RUNOFF	.04	2.39	---	2.49	80	2000.0
XSECTION 149	RUNOFF	.00	3.93	---	2.32	11	*****
XSECTION 150	ADDHYD	.04	2.47	---	2.48	84	2100.0
XSECTION 101	ADDHYD	.32	3.06	---	2.64	295	921.9
STRUCTURE 49	RESVOR	.32	3.06	216.31	3.75	149	465.6
XSECTION 50	RUNOFF	.04	2.39	---	2.49	87	2175.0
XSECTION 51	RUNOFF	.00	3.93	---	2.32	9	*****
XSECTION 51	ADDHYD	.04	2.45	---	2.49	90	2250.0
XSECTION 102	ADDHYD	.37	2.99	---	3.66	157	424.3
STRUCTURE 51	RESVOR	.37	2.99	212.55	5.25	111	300.0

RAINFALL OF 4.63 inches AND 6.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE 14 STORM 4

XSECTION 44	RUNOFF	.06	3.62	---	2.54	172	2866.7
XSECTION 45	RUNOFF	.00	4.53	---	2.32	13	*****
XSECTION 45	ADDHYD	.07	3.65	---	2.53	175	2500.0
STRUCTURE 45	RESVOR	.07	3.65	224.00	2.80	94	1342.9
XSECTION 146	RUNOFF	.00	3.94	---	2.47	14	*****
XSECTION 146	ADDHYD	.07	3.67	---	2.78	99	1414.3
XSECTION 46	RUNOFF	.00	3.94	---	2.47	14	*****
XSECTION 46	ADDHYD	.07	3.68	---	2.75	104	1485.7
XSECTION 27	RUNOFF	.18	3.72	---	2.56	463	2572.2
XSECTION 28	RUNOFF	.00	4.53	---	2.32	25	*****
XSECTION 28	ADDHYD	.18	3.75	---	2.56	467	2594.4
STRUCTURE 28	RESVOR	.18	3.74	221.71	2.94	188	1044.4
XSECTION 132	RUNOFF	.00	3.94	---	2.51	14	*****

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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE			
				ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
ALTERNATE 14 STORM 4							
XSECTION 132	ADDHYD	.18	3.75	---	2.93	192	1066.7
XSECTION 32	RUNOFF	.00	3.94	---	2.51	14	*****
XSECTION 32	ADDHYD	.19	3.75	---	2.91	195	1026.3
XSECTION 133	ADDHYD	.26	3.73	---	2.84	296	1138.5
XSECTION 47	RUNOFF	.02	3.61	---	2.48	47	2350.0
XSECTION 147	RUNOFF	.00	4.53	---	2.32	27	*****
XSECTION 148	ADDHYD	.02	3.83	---	2.37	60	3000.0
XSECTION 100	ADDHYD	.28	3.74	---	2.79	314	1121.4
XSECTION 49	RUNOFF	.04	2.93	---	2.49	98	2450.0
XSECTION 149	RUNOFF	.00	4.53	---	2.32	12	*****
XSECTION 150	ADDHYD	.04	3.02	---	2.48	102	2550.0
XSECTION 101	ADDHYD	.32	3.65	---	2.62	369	1153.1
STRUCTURE 49	RESVOR	.32	3.65	217.02	3.73	181	565.6
XSECTION 50	RUNOFF	.04	2.93	---	2.49	106	2650.0
XSECTION 51	RUNOFF	.00	4.53	---	2.32	10	*****
XSECTION 51	ADDHYD	.04	3.00	---	2.48	110	2750.0
XSECTION 102	ADDHYD	.37	3.57	---	3.63	191	516.2
STRUCTURE 51	RESVOR	.37	3.57	213.45	5.24	134	362.2

RAINFALL OF 5.20 inches AND 6.00 hr DURATION, BEGINS AT .0 hrs.

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE			
				ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
ALTERNATE 15 STORM 5							
XSECTION 44	RUNOFF	.06	4.17	---	2.54	198	3300.0
XSECTION 45	RUNOFF	.00	5.08	---	2.32	15	*****
XSECTION 45	ADDHYD	.07	4.20	---	2.53	201	2871.4
STRUCTURE 45	RESVOR	.07	4.21	224.29	2.79	112	2801.0
XSECTION 146	RUNOFF	.00	4.50	---	2.47	16	*****
XSECTION 146	ADDHYD	.07	4.22	---	2.77	117	1671.4
XSECTION 46	RUNOFF	.00	4.50	---	2.47	16	*****
XSECTION 46	ADDHYD	.07	4.24	---	2.74	123	1757.1

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TR20
MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE			
				ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
ALTERNATE 15 STORM 5							
XSECTION 27	RUNOFF	.18	4.28	---	2.56	531	2950.0
XSECTION 28	RUNOFF	.00	5.08	---	2.32	28	*****
XSECTION 28	ADDHYD	.18	4.30	---	2.55	536	2977.8
STRUCTURE 28	RESVOR	.18	4.30	222.31	2.93	218	1211.1
XSECTION 132	RUNOFF	.00	4.50	---	2.50	15	*****
XSECTION 132	ADDHYD	.18	4.31	---	2.92	222	1233.3
XSECTION 32	RUNOFF	.00	4.50	---	2.50	15	*****
XSECTION 32	ADDHYD	.19	4.31	---	2.89	227	1194.7
XSECTION 133	ADDHYD	.26	4.29	---	2.82	345	1326.9
XSECTION 47	RUNOFF	.02	4.17	---	2.48	54	2700.0
XSECTION 147	RUNOFF	.00	5.08	---	2.32	30	*****
XSECTION 148	ADDHYD	.02	4.39	---	2.37	68	3400.0
XSECTION 100	ADDHYD	.28	4.30	---	2.77	368	1314.3
XSECTION 49	RUNOFF	.04	3.45	---	2.49	115	2875.0
XSECTION 149	RUNOFF	.00	5.08	---	2.32	14	*****
XSECTION 150	ADDHYD	.04	3.54	---	2.48	120	3000.0
XSECTION 101	ADDHYD	.32	4.20	---	2.61	437	1365.6
STRUCTURE 49	RESVOR	.32	4.20	217.61	3.74	208	650.0
XSECTION 50	RUNOFF	.04	3.45	---	2.49	125	3125.0
XSECTION 51	RUNOFF	.00	5.08	---	2.32	11	*****
XSECTION 51	ADDHYD	.04	3.52	---	2.48	128	3200.0
XSECTION 102	ADDHYD	.37	4.12	---	3.64	219	591.9
STRUCTURE 51	RESVOR	.37	4.12	214.29	5.27	155	418.9

RAINFALL OF 5.94 inches AND 6.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE 16 STORM 6							
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XSECTION 44	RUNOFF	.06	4.89	---	2.54	230	3833.3
XSECTION 45	RUNOFF	.00	5.81	---	2.32	17	*****
XSECTION 45	ADDHYD	.07	4.93	---	2.53	234	3342.9

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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE			
				ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
ALTERNATE 16 STORM 6							
STRUCTURE 45	RESVOR	.07	4.93	224.64	2.78	135	1928.6
XSECTION 146	RUNOFF	.00	5.24	---	2.46	18	*****
XSECTION 146	ADDHYD	.07	4.95	---	2.76	141	2014.3
XSECTION 46	RUNOFF	.00	5.24	---	2.46	18	*****
XSECTION 46	ADDHYD	.07	4.96	---	2.73	148	2114.3
XSECTION 27	RUNOFF	.18	5.01	---	2.55	614	3411.1
XSECTION 28	RUNOFF	.00	5.81	---	2.32	32	*****
XSECTION 28	ADDHYD	.18	5.03	---	2.55	620	3444.4
STRUCTURE 28	RESVOR	.18	5.03	223.09	2.93	254	1411.1
XSECTION 132	RUNOFF	.00	5.24	---	2.50	18	*****
XSECTION 132	ADDHYD	.18	5.03	---	2.91	259	1438.9
XSECTION 32	RUNOFF	.00	5.24	---	2.50	18	*****
XSECTION 32	ADDHYD	.19	5.04	---	2.88	265	1394.7
XSECTION 133	ADDHYD	.26	5.02	---	2.80	407	1565.4
XSECTION 47	RUNOFF	.02	4.89	---	2.48	63	3150.0
XSECTION 147	RUNOFF	.00	5.81	---	2.32	35	*****
XSECTION 148	ADDHYD	.02	5.11	---	2.37	79	3950.0
XSECTION 100	ADDHYD	.28	5.02	---	2.75	435	1553.6
XSECTION 49	RUNOFF	.04	4.14	---	2.49	137	3425.0
XSECTION 149	RUNOFF	.00	5.81	---	2.32	16	*****
XSECTION 150	ADDHYD	.04	4.23	---	2.48	142	3550.0
XSECTION 101	ADDHYD	.32	4.92	---	2.60	525	1640.6
STRUCTURE 49	RESVOR	.32	4.93	218.57	3.71	251	784.4
XSECTION 50	RUNOFF	.04	4.14	---	2.49	148	3700.0
XSECTION 51	RUNOFF	.00	5.81	---	2.32	13	*****
XSECTION 51	ADDHYD	.04	4.21	---	2.48	153	3825.0
XSECTION 102	ADDHYD	.37	4.84	---	3.65	264	713.5
STRUCTURE 51	RESVOR	.37	4.84	215.38	5.36	179	483.8

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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE			
				ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
ALTERNATE 21 STORM 1							
XSECTION 44	RUNOFF	.06	2.52	---	12.12	98	1633.3
XSECTION 45	RUNOFF	.00	3.54	---	11.86	7	*****
XSECTION 45	ADDHYD	.07	2.56	---	12.12	98	1400.0
STRUCTURE 45	RESVOR	.07	2.56	223.06	12.40	46	657.1
XSECTION 146	RUNOFF	.00	2.81	---	12.05	8	*****
XSECTION 146	ADDHYD	.07	2.57	---	12.37	48	685.7
XSECTION 46	RUNOFF	.00	2.81	---	12.05	8	*****
XSECTION 46	ADDHYD	.07	2.59	---	12.34	51	728.6
XSECTION 27	RUNOFF	.18	2.62	---	12.13	263	1461.1
XSECTION 28	RUNOFF	.00	3.54	---	11.86	13	*****
XSECTION 28	ADDHYD	.18	2.64	---	12.13	265	1472.2
STRUCTURE 28	RESVOR	.18	2.63	219.95	12.52	96	533.3
XSECTION 132	RUNOFF	.00	2.81	---	12.09	8	*****
XSECTION 132	ADDHYD	.18	2.64	---	12.51	98	544.4
XSECTION 32	RUNOFF	.00	2.81	---	12.09	8	*****
XSECTION 32	ADDHYD	.19	2.64	---	12.50	100	526.3
XSECTION 133	ADDHYD	.26	2.62	---	12.45	148	569.2
XSECTION 47	RUNOFF	.02	2.52	---	12.06	27	1350.0
XSECTION 147	RUNOFF	.00	3.54	---	11.86	14	*****
XSECTION 148	ADDHYD	.02	2.77	---	11.99	36	1800.0
XSECTION 100	ADDHYD	.28	2.63	---	12.43	156	557.1
XSECTION 49	RUNOFF	.04	1.92	---	12.07	52	1300.0

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TR20
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE			
				ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)

ALTERNATE 21 STORM 1									
XSECTION 149	RUNOFF	.00	3.54	---	11.86	6	*****		
XSECTION 150	ADDDHYD	.04	2.00	---	12.05	54	1350.0		
XSECTION 101	ADDDHYD	.32	2.56	---	12.33	173	540.6		
STRUCTURE 49	RESVOR	.32	2.55	215.06	13.20	93	290.6		
XSECTION 50	RUNOFF	.04	1.92	---	12.07	57	1425.0		
XSECTION 51	RUNOFF	.00	3.54	---	11.86	5	*****		
XSECTION 51	ADDDHYD	.04	1.98	---	12.06	58	1450.0		
XSECTION 102	ADDDHYD	.37	2.49	---	13.13	98	264.9		
STRUCTURE 51	RESVOR	.37	2.47	211.01	14.68	70	189.2		

RAINFALL OF 4.55 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE 22 STORM 2									
XSECTION 44	RUNOFF	.06	3.54	---	12.11	136	2266.7		
XSECTION 45	RUNOFF	.00	4.63	---	11.86	9	*****		
XSECTION 45	ADDDHYD	.07	3.58	---	12.11	136	1942.9		
STRUCTURE 45	RESVOR	.07	3.59	223.55	12.38	68	971.4		
XSECTION 146	RUNOFF	.00	3.86	---	12.05	11	*****		
XSECTION 146	ADDDHYD	.07	3.60	---	12.36	72	1028.6		
XSECTION 46	RUNOFF	.00	3.86	---	12.05	11	*****		
XSECTION 46	ADDDHYD	.07	3.62	---	12.32	75	1071.4		
XSECTION 27	RUNOFF	.18	3.65	---	12.13	363	2016.7		
XSECTION 28	RUNOFF	.00	4.63	---	11.86	17	*****		
XSECTION 28	ADDDHYD	.18	3.67	---	12.13	365	2027.8		
STRUCTURE 28	RESVOR	.18	3.66	220.91	12.49	145	805.6		
XSECTION 132	RUNOFF	.00	3.86	---	12.08	11	*****		
XSECTION 132	ADDDHYD	.18	3.67	---	12.47	148	822.2		
XSECTION 32	RUNOFF	.00	3.86	---	12.08	11	*****		
XSECTION 32	ADDDHYD	.19	3.67	---	12.45	151	794.7		
XSECTION 133	ADDDHYD	.26	3.66	---	12.41	224	861.5		

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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE			
				ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
ALTERNATE 22 STORM 2							
XSECTION 47	RUNOFF	.02	3.55	---	12.06	38	1900.0
XSECTION 147	RUNOFF	.00	4.63	---	11.86	19	*****
XSECTION 148	ADDDHYD	.02	3.81	---	12.00	49	2450.0
XSECTION 100	ADDDHYD	.28	3.67	---	12.35	237	846.4
XSECTION 49	RUNOFF	.04	2.86	---	12.07	79	1975.0
XSECTION 149	RUNOFF	.00	4.63	---	11.86	8	*****
XSECTION 150	ADDDHYD	.04	2.96	---	12.05	81	2025.0
XSECTION 101	ADDDHYD	.32	3.58	---	12.18	287	896.9
STRUCTURE 49	RESVOR	.32	3.57	216.08	13.22	139	434.4
XSECTION 50	RUNOFF	.04	2.86	---	12.07	85	2125.0
XSECTION 51	RUNOFF	.00	4.63	---	11.86	7	*****
XSECTION 51	ADDDHYD	.04	2.94	---	12.06	87	2175.0
XSECTION 102	ADDDHYD	.37	3.50	---	13.17	146	394.6
STRUCTURE 51	RESVOR	.37	3.48	212.29	14.60	104	281.1

RAINFALL OF 5.25 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE 23 STORM 3									
XSECTION 44	RUNOFF	.06	4.22	---	12.11	160	2666.7		
XSECTION 45	RUNOFF	.00	5.34	---	11.86	11	*****		
XSECTION 45	ADDDHYD	.07	4.26	---	12.11	161	2300.0		
STRUCTURE 45	RESVOR	.07	4.27	223.84	12.37	85	1214.3		
XSECTION 146	RUNOFF	.00	4.55	---	12.05	13	*****		
XSECTION 146	ADDDHYD	.07	4.28	---	12.35	89	1271.4		
XSECTION 46	RUNOFF	.00	4.55	---	12.05	13	*****		
XSECTION 46	ADDDHYD	.07	4.30	---	12.32	93	1328.6		
XSECTION 27	RUNOFF	.18	4.33	---	12.13	428	2377.8		
XSECTION 28	RUNOFF	.00	5.34	---	11.86	20	*****		
XSECTION 28	ADDDHYD	.18	4.35	---	12.13	430	2388.9		
STRUCTURE 28	RESVOR	.18	4.34	221.51	12.47	177	983.3		

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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE			
				ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
ALTERNATE 23 STORM 3							
XSECTION 132	RUNOFF	.00	4.55	---	12.08	12	*****
XSECTION 132	ADDDHYD	.18	4.35	---	12.46	181	1005.6
XSECTION 32	RUNOFF	.00	4.55	---	12.08	12	*****
XSECTION 32	ADDDHYD	.19	4.35	---	12.44	185	973.7
XSECTION 133	ADDDHYD	.26	4.34	---	12.39	275	1057.7
XSECTION 47	RUNOFF	.02	4.23	---	12.06	45	2250.0
XSECTION 147	RUNOFF	.00	5.34	---	11.86	22	*****
XSECTION 148	ADDDHYD	.02	4.50	---	12.00	57	2850.0
XSECTION 100	ADDDHYD	.28	4.35	---	12.34	291	1039.3

XSECTION 49 RUNOFF									
XSECTION 149	RUNOFF	.00	5.34	---	11.86	10	*****		
XSECTION 150	ADDDHYD	.04	3.59	---	12.05	97	2425.0		
XSECTION 101	ADDDHYD	.32	4.25	---	12.17	351	1096.9		
STRUCTURE 49	RESVOR	.32	4.25	216.74	13.21	168	525.0		
XSECTION 50	RUNOFF	.04	3.49	---	12.06	102	2520.0		
XSECTION 51	RUNOFF	.00	5.34	---	11.86	8	*****		
XSECTION 51	ADDDHYD	.04	3.57	---	12.05	104	2600.0		
XSECTION 102	ADDDHYD	.37	4.17	---	13.15	177	478.4		
STRUCTURE 51	RESVOR	.37	4.15	213.13	14.60	126	340.5		

RAINFALL OF 6.10 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE 24 STORM 4									
XSECTION 44	RUNOFF	.06	5.05	---	12.11	190	3166.7		
XSECTION 45	RUNOFF	.00	6.21	---	11.86	12	*****		
XSECTION 45	ADDDHYD	.07	5.09	---	12.11	191	2728.6		
STRUCTURE 45	RESVOR	.07	5.09	224.17	12.36	104	1485.7		
XSECTION 146	RUNOFF	.00	5.38	---	12.05	15	*****		
XSECTION 146	ADDDHYD	.07	5.11	---	12.34	109	1557.1		
XSECTION 46	RUNOFF	.00	5.38	---	12.05	15	*****		

TR20 - MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE			
				ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
ALTERNATE 24 STORM 4							
XSECTION 46	ADDDHYD	.07	5.13	---	12.30	114	1628.6
XSECTION 27	RUNOFF	.18	5.16	---	12.13	504	2800.0
XSECTION 28	RUNOFF	.00	6.21	---	11.86	23	*****
XSECTION 28	ADDDHYD	.18	5.19	---	12.13	507	2816.7
STRUCTURE 28	RESVOR	.18	5.17	222.23	12.47	214	1188.9
XSECTION 132	RUNOFF	.00	5.39	---	12.08	15	*****
XSECTION 132	ADDDHYD	.18	5.18	---	12.45	218	1211.1
XSECTION 32	RUNOFF	.00	5.39	---	12.08	15	*****
XSECTION 33	ADDDHYD	.19	5.18	---	12.42	223	1173.7
XSECTION 133	ADDDHYD	.26	5.17	---	12.37	335	1288.5
XSECTION 47	RUNOFF	.02	5.05	---	12.06	53	2650.0
XSECTION 147	RUNOFF	.00	6.21	---	11.86	25	*****
XSECTION 148	ADDDHYD	.02	5.33	---	12.00	68	3400.0
XSECTION 100	ADDDHYD	.28	5.18	---	12.32	355	1267.9
XSECTION 49	RUNOFF	.04	4.28	---	12.06	115	2875.0
XSECTION 149	RUNOFF	.00	6.21	---	11.86	11	*****
XSECTION 150	ADDDHYD	.04	4.38	---	12.05	118	2950.0
XSECTION 101	ADDDHYD	.32	5.08	---	12.16	431	1346.9
STRUCTURE 49	RESVOR	.32	5.07	217.47	13.21	201	628.1
XSECTION 50	RUNOFF	.04	4.28	---	12.06	125	3125.0
XSECTION 51	RUNOFF	.00	6.21	---	11.86	9	*****
XSECTION 51	ADDDHYD	.04	4.36	---	12.05	127	3175.0
XSECTION 102	ADDDHYD	.37	4.99	---	12.11	213	575.7
STRUCTURE 51	RESVOR	.37	4.97	214.14	14.63	151	408.1

RAINFALL OF 6.98 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE 25 STORM 5									
XSECTION 44	RUNOFF	.06	5.91	---	12.11	220	3666.7		
XSECTION 45	RUNOFF	.00	7.10	---	11.86	14	*****		

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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE			
				ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
ALTERNATE 25 STORM 5							
XSECTION 45	ADDDHYD	.07	5.96	---	12.11	221	3157.1
STRUCTURE 45	RESVOR	.07	5.96	224.50	12.35	124	1771.4
XSECTION 146	RUNOFF	.00	6.26	---	12.05	17	*****
XSECTION 146	ADDDHYD	.07	5.98	---	12.33	130	1857.1
XSECTION 46	RUNOFF	.00	6.26	---	12.05	17	*****
XSECTION 46	ADDDHYD	.07	5.99	---	12.29	136	1942.9

SECTION	CONTROL	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
XSECTION 149	RUNOFF	.00	7.10	---	11.86	13	*****
XSECTION 150	ADDDHYD	.04	5.23	---	12.05	142	3550.0
STRUCTURE 101	ADDDHYD	.32	5.94	---	12.15	515	1609.4
STRUCTURE 49	RESVOR	.32	5.94	218.29	13.20	238	743.8
XSECTION 50	RUNOFF	.04	5.12	---	12.06	150	3750.0
XSECTION 51	RUNOFF	.00	7.10	---	11.86	11	*****
XSECTION 51	ADDDHYD	.04	5.20	---	12.05	153	3825.0
XSECTION 102	ADDDHYD	.37	5.85	---	12.10	256	691.9
STRUCTURE 51	RESVOR	.37	5.83	215.16	14.71	176	475.7

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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
 A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
 F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

SECTION/STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
XSECTION 44	RUNOFF	.06	6.72	---	12.11	249	4150.0
XSECTION 45	RUNOFF	.00	7.94	---	11.86	16	*****
XSECTION 45	ADDDHYD	.07	6.76	---	12.11	250	3571.4
STRUCTURE 45	RESVOR	.07	6.77	224.72	12.34	145	2071.4
XSECTION 146	RUNOFF	.00	7.08	---	12.05	19	*****
XSECTION 146	ADDDHYD	.07	6.79	---	12.32	151	2157.1
XSECTION 46	RUNOFF	.00	7.08	---	12.05	19	*****
XSECTION 46	ADDDHYD	.07	6.80	---	12.30	158	2257.1
XSECTION 27	RUNOFF	.18	6.84	---	12.13	662	3677.8
XSECTION 28	RUNOFF	.00	7.94	---	11.86	30	*****
XSECTION 28	ADDDHYD	.18	6.87	---	12.13	666	3700.0
STRUCTURE 28	RESVOR	.18	6.85	223.61	12.46	278	1544.4
XSECTION 132	RUNOFF	.00	7.08	---	12.08	19	*****
XSECTION 132	ADDDHYD	.18	6.86	---	12.44	283	1572.2
XSECTION 32	RUNOFF	.00	7.08	---	12.08	19	*****
XSECTION 32	ADDDHYD	.19	6.86	---	12.42	289	1521.1
XSECTION 133	ADDDHYD	.26	6.85	---	12.35	444	1707.7
XSECTION 47	RUNOFF	.02	6.73	---	12.06	69	3450.0
XSECTION 147	RUNOFF	.00	7.94	---	11.86	32	*****
XSECTION 148	ADDDHYD	.02	7.02	---	12.00	88	4400.0
XSECTION 100	ADDDHYD	.28	6.86	---	12.28	474	1692.9
XSECTION 49	RUNOFF	.04	5.91	---	12.06	158	3950.0
XSECTION 149	RUNOFF	.00	7.94	---	11.86	15	*****
XSECTION 150	ADDDHYD	.04	6.02	---	12.05	163	4075.0

RAINFALL OF 7.80 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE	STORM						
26	6						
XSECTION 44	RUNOFF	.06	6.72	---	12.11	249	4150.0
XSECTION 45	RUNOFF	.00	7.94	---	11.86	16	*****
XSECTION 45	ADDDHYD	.07	6.76	---	12.11	250	3571.4
STRUCTURE 45	RESVOR	.07	6.77	224.72	12.34	145	2071.4
XSECTION 146	RUNOFF	.00	7.08	---	12.05	19	*****
XSECTION 146	ADDDHYD	.07	6.79	---	12.32	151	2157.1
XSECTION 46	RUNOFF	.00	7.08	---	12.05	19	*****
XSECTION 46	ADDDHYD	.07	6.80	---	12.30	158	2257.1
XSECTION 27	RUNOFF	.18	6.84	---	12.13	662	3677.8
XSECTION 28	RUNOFF	.00	7.94	---	11.86	30	*****
XSECTION 28	ADDDHYD	.18	6.87	---	12.13	666	3700.0
STRUCTURE 28	RESVOR	.18	6.85	223.61	12.46	278	1544.4
XSECTION 132	RUNOFF	.00	7.08	---	12.08	19	*****
XSECTION 132	ADDDHYD	.18	6.86	---	12.44	283	1572.2
XSECTION 32	RUNOFF	.00	7.08	---	12.08	19	*****
XSECTION 32	ADDDHYD	.19	6.86	---	12.42	289	1521.1
XSECTION 133	ADDDHYD	.26	6.85	---	12.35	444	1707.7
XSECTION 47	RUNOFF	.02	6.73	---	12.06	69	3450.0
XSECTION 147	RUNOFF	.00	7.94	---	11.86	32	*****
XSECTION 148	ADDDHYD	.02	7.02	---	12.00	88	4400.0
XSECTION 100	ADDDHYD	.28	6.86	---	12.28	474	1692.9
XSECTION 49	RUNOFF	.04	5.91	---	12.06	158	3950.0
XSECTION 149	RUNOFF	.00	7.94	---	11.86	15	*****
XSECTION 150	ADDDHYD	.04	6.02	---	12.05	163	4075.0

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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
 A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
 F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

SECTION/STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
XSECTION 101	ADDDHYD	.32	6.75	---	12.14	588	1837.5
STRUCTURE 49	RESVOR	.32	6.74	219.22	13.17	280	875.0
XSECTION 50	RUNOFF	.04	5.91	---	12.06	172	4300.0
XSECTION 51	RUNOFF	.00	7.94	---	11.86	12	*****
XSECTION 51	ADDDHYD	.04	5.99	---	12.05	175	4375.0
XSECTION 102	ADDDHYD	.37	6.65	---	12.10	295	797.3
STRUCTURE 51	RESVOR	.37	6.63	216.24	14.76	194	524.3

RAINFALL OF 3.48 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.
 RAINFALL NUMBER 9, AMC 2

ALTERNATE	STORM						
31	1						
XSECTION 44	RUNOFF	.06	2.52	---	12.06	80	1333.3
XSECTION 45	RUNOFF	.00	3.52	---	11.87	4	*****
XSECTION 45	ADDDHYD	.07	2.56	---	12.02	83	1185.7
STRUCTURE 45	RESVOR	.07	2.56	223.00	12.36	43	614.3
XSECTION 146	RUNOFF	.00	2.81	---	11.99	6	*****
XSECTION 146	ADDDHYD	.07	2.57	---	12.33	45	642.9
XSECTION 46	RUNOFF	.00	2.81	---	11.99	6	*****
XSECTION 46	ADDDHYD	.07	2.58	---	12.28	48	685.7
XSECTION 27	RUNOFF	.18	2.62	---	12.07	222	1233.3
XSECTION 28	RUNOFF	.00	3.52	---	11.87	8	*****
XSECTION 28	ADDDHYD	.18	2.64	---	12.05	225	1250.0
STRUCTURE 28	RESVOR	.18	2.63	219.87	12.49	90	500.0
XSECTION 132	RUNOFF	.00	2.81	---	12.03	6	*****
XSECTION 132	ADDDHYD	.18	2.63	---	12.48	92	511.1
XSECTION 32	RUNOFF	.00	2.81	---	12.03	6	*****
XSECTION 32	ADDDHYD	.19	2.64	---	12.47	94	494.7
XSECTION 133	ADDDHYD	.26	2.62	---	12.42	140	538.5
XSECTION 47	RUNOFF	.02	2.52	---	12.00	21	1050.0

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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
 A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
 F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

SECTION/STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
XSECTION 147	RUNOFF	.00	3.52	---	11.87	8	*****
XSECTION 148	ADDDHYD	.02	2.76	---	11.97	30	1500.0
XSECTION 100	ADDDHYD	.28	2.63	---	12.40	148	528.6
XSECTION 49	RUNOFF	.04	1.92	---	12.00	39	975.0
XSECTION 149	RUNOFF	.00	3.52	---	11.87	4	*****
XSECTION 150	ADDDHYD	.04	2.00	---	11.98	43	1075.0
XSECTION 101	ADDDHYD	.32	2.55	---	12.28	164	512.5
STRUCTURE 49	RESVOR	.32	2.55	215.02	13.19	91	284.4
XSECTION 50	RUNOFF	.04	1.92	---	12.00	42	1050.0
XSECTION 51	RUNOFF	.00	3.52	---	11.87	3	*****
XSECTION 51	ADDDHYD	.04	1.98	---	11.98	45	1125.0
XSECTION 102	ADDDHYD	.37	2.48	---	13.10	96	259.5
STRUCTURE 51	RESVOR	.37	2.47	210.99	14.66	70	189.2

RAINFALL OF 4.55 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE	STORM						
32	2						
XSECTION 44	RUNOFF	.06	3.54	---	12.06	112	1866.7
XSECTION 45	RUNOFF	.00	4.60	---	11.87	5	*****
XSECTION 45	ADDDHYD	.07	3.58	---	12.03	115	1642.9
STRUCTURE 45	RESVOR	.07	3.58	223.46	12.33	64	914.3
XSECTION 146	RUNOFF	.00	3.86	---	11.99	8	*****
XSECTION 146	ADDDHYD	.07	3.60	---	12.30	67	957.1
XSECTION 46	RUNOFF	.00	3.86	---	11.99	8	*****
XSECTION 46	ADDDHYD	.07	3.61	---	12.25	71	1014.3
XSECTION 27	RUNOFF	.18	3.65	---	12.07	307	1705.6
XSECTION 28	RUNOFF	.00	4.60	---	11.87	10	*****
XSECTION 28	ADDDHYD	.18	3.67	---	12.05	310	1722.2
STRUCTURE 28	RESVOR	.18	3.66	220.78	12.44	139	772.2
XSECTION 132	RUNOFF	.00	3.86	---	12.03	8	*****

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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
 A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
 F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

SECTION/STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
XSECTION 132	ADDDHYD	.18	3.66	---	12.43	141	783.3
XSECTION 32	RUNOFF	.00	3.86	---	12.03	8	*****
XSECTION 32	ADDDHYD	.19	3.67	---	12.41	144	757.9
XSECTION 133	ADDDHYD	.26	3.65	---	12.36	213	819.2
XSECTION 47	RUNOFF	.02	3.54	---	12.00	29	1450.0
XSECTION 147	RUNOFF	.00	4.60	---	11.87	11	*****
XSECTION 148	ADDDHYD	.02	3.80	---	11.97	41	2050.0
XSECTION 100	ADDDHYD	.28	3.66	---	12.29	227	810.7
XSECTION 49	RUNOFF	.04	2.86	---	12.01	59	1475.0
XSECTION 149	RUNOFF	.00	4.60	---	11.87	5	*****
XSECTION 150	ADDDHYD	.04	2.96	---	11.98	64	1600.0
XSECTION 101	ADDDHYD	.32	3.57	---	12.16	267	834.4
STRUCTURE 49	RESVOR	.32	3.57	216.04	13.19	137	428.1
XSECTION 50	RUNOFF	.04	2.86	---	12.01	63	1575.0
XSECTION 51	RUNOFF	.00	4.60	---	11.87	4	*****
XSECTION 51	ADDDHYD	.04	2.93	---	11.99	68	1700.0
XSECTION 102	ADDDHYD	.37	3.49	---	13.12	144	389.2
STRUCTURE 51	RESVOR	.37	3.48	212.26	14.57	103	278.4

RAINFALL OF 5.25 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE	STORM						
33	3						
XSECTION 44	RUNOFF	.06	4.22	---	12.06	132	2200.0
XSECTION 45	RUNOFF	.00	5.31	---	11.87	6	*****
XSECTION 45	ADDDHYD	.07	4.26	---	12.03	136	1942.9
STRUCTURE 45	RESVOR	.07	4.26	223.74	12.32	79	1128.6
XSECTION 146	RUNOFF	.00	4.55	---	11.99	10	*****
XSECTION 146	ADDDHYD	.07	4.28	---	12.29	83	1185.7
XSECTION 46	RUNOFF	.00	4.55	---	11.99	10	*****
XSECTION 46	ADDDHYD	.07	4.29	---	12.26	87	1242.9

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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
 A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
 F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

SECTION/STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)
XSECTION 44	RUNOFF	.06	2.52	---	12.06	80	1333.3
XSECTION 45	RUNOFF						

XSECTION 27	RUNOFF	.18	4.33	---	12.07	362	2011.1		
XSECTION 28	RUNOFF	.00	5.31	---	11.87	12	*****		
XSECTION 28	ADHYD	.18	4.36	---	12.05	366	2033.3		
STRUCTURE 28	RESVOR	.18	4.34	221.36	12.43	169	938.9		
XSECTION 132	RUNOFF	.00	4.55	---	12.03	10	*****		
XSECTION 132	ADHYD	.18	4.35	---	12.42	173	961.1		
XSECTION 32	RUNOFF	.00	4.55	---	12.03	10	*****		
XSECTION 32	ADHYD	.19	4.35	---	12.39	176	926.3		
XSECTION 133	ADHYD	.26	4.33	---	12.34	261	1003.8		
XSECTION 47	RUNOFF	.02	4.22	---	12.01	34	1700.0		
XSECTION 147	RUNOFF	.00	5.31	---	11.87	13	*****		
XSECTION 147	ADHYD	.02	4.49	---	11.97	48	2400.0		
XSECTION 100	ADHYD	.28	4.35	---	12.28	277	989.3		
XSECTION 49	RUNOFF	.04	3.49	---	12.00	71	1775.0		
XSECTION 149	RUNOFF	.00	5.31	---	11.87	6	*****		
XSECTION 150	ADHYD	.04	3.59	---	11.98	77	1925.0		
XSECTION 101	ADHYD	.32	4.25	---	12.15	327	1021.9		
STRUCTURE 49	RESVOR	.32	4.24	216.69	13.19	166	518.8		
XSECTION 50	RUNOFF	.04	3.49	---	12.00	77	1925.0		
XSECTION 51	RUNOFF	.00	5.31	---	11.87	5	*****		

XSECTION 51	ADHYD	.04	3.57	---	11.99	82	2050.0		
XSECTION 102	ADHYD	.37	4.17	---	13.11	175	473.0		
STRUCTURE 51	RESVOR	.37	4.15	213.10	14.57	125	337.8		

RAINFALL OF 6.10 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE 34 STORM 4									
XSECTION 44	RUNOFF	.06	5.05	---	12.05	158	2633.3		
XSECTION 45	RUNOFF	.00	6.17	---	11.67F	7F	*****		
XSECTION 45	ADHYD	.07	5.09	---	12.03	162	2314.3		

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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)		
ALTERNATE 34 STORM 4									
STRUCTURE 45	RESVOR	.07	5.09	224.05	12.31	98	1400.0		
XSECTION 146	RUNOFF	.00	5.39	---	11.99	11	*****		
XSECTION 146	ADHYD	.07	5.11	---	12.28	102	1457.1		
XSECTION 46	RUNOFF	.00	5.39	---	11.99	11	*****		
XSECTION 46	ADHYD	.07	5.12	---	12.24	107	1528.6		
XSECTION 27	RUNOFF	.18	5.16	---	12.07	429	2383.3		
XSECTION 28	RUNOFF	.00	6.17	---	11.67F	14F	*****		
XSECTION 28	ADHYD	.18	5.19	---	12.05	433	2405.6		
STRUCTURE 28	RESVOR	.18	5.17	222.05	12.42	206	1144.4		
XSECTION 132	RUNOFF	.00	5.39	---	12.03	12	*****		
XSECTION 132	ADHYD	.18	5.18	---	12.40	210	1166.7		
XSECTION 32	RUNOFF	.00	5.39	---	12.03	12	*****		
XSECTION 32	ADHYD	.19	5.18	---	12.37	214	1126.3		
XSECTION 133	ADHYD	.26	5.17	---	12.32	319	1226.9		
XSECTION 47	RUNOFF	.02	5.05	---	12.00	40	2000.0		
XSECTION 147	RUNOFF	.00	6.17	---	11.67F	15F	*****		
XSECTION 148	ADHYD	.02	5.32	---	11.97	56	2800.0		
XSECTION 100	ADHYD	.28	5.18	---	12.26	339	1210.7		
XSECTION 49	RUNOFF	.04	4.28	---	12.00	88	2200.0		
XSECTION 149	RUNOFF	.00	6.17	---	11.67F	7F	*****		
XSECTION 150	ADHYD	.04	4.39	---	11.98	94	2350.0		
XSECTION 101	ADHYD	.32	5.08	---	12.15	403	1259.4		
STRUCTURE 49	RESVOR	.32	5.07	217.41	13.18	199	621.9		
XSECTION 50	RUNOFF	.04	4.28	---	12.00	95	2375.0		
XSECTION 51	RUNOFF	.00	6.17	---	11.67F	5F	*****		
XSECTION 51	ADHYD	.04	4.36	---	11.99	100	2500.0		
XSECTION 102	ADHYD	.37	4.99	---	13.09	210	567.6		
STRUCTURE 51	RESVOR	.37	4.97	214.11	14.59	151	408.1		

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MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)		
ALTERNATE 35 STORM 5									
XSECTION 44	RUNOFF	.06	5.91	---	12.05	183	3050.0		
XSECTION 45	RUNOFF	.00	7.06	---	11.67F	8F	*****		
XSECTION 45	ADHYD	.07	5.95	---	12.03	188	2685.7		
STRUCTURE 45	RESVOR	.07	5.96	224.37	12.30	116	1657.1		
XSECTION 146	RUNOFF	.00	6.26	---	11.99	13	*****		
XSECTION 146	ADHYD	.07	5.97	---	12.27	122	1742.9		
XSECTION 46	RUNOFF	.00	6.26	---	11.99	13	*****		
XSECTION 46	ADHYD	.07	5.99	---	12.23	128	1828.6		
XSECTION 27	RUNOFF	.18	6.03	---	12.07	497	2761.1		
XSECTION 28	RUNOFF	.00	7.06	---	11.67F	16F	*****		
XSECTION 28	ADHYD	.18	6.05	---	12.05	502	2788.9		

RAINFALL OF 6.98 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

STRUCTURE 28	RESVOR	.18	6.04	222.75	12.42	238	1322.2		
XSECTION 132	RUNOFF	.00	6.26	---	12.03	14	*****		
XSECTION 132	ADHYD	.18	6.04	---	12.40	243	1350.0		
XSECTION 32	RUNOFF	.00	6.26	---	12.03	14	*****		
XSECTION 32	ADHYD	.19	6.05	---	12.37	248	1305.3		
XSECTION 133	ADHYD	.26	6.03	---	12.31	373	1434.6		
XSECTION 47	RUNOFF	.02	5.91	---	12.00	47	2350.0		
XSECTION 147	RUNOFF	.00	7.06	---	11.67F	17F	*****		
XSECTION 148	ADHYD	.02	6.19	---	11.97	65	3250.0		
XSECTION 100	ADHYD	.28	6.04	---	12.23	399	1425.0		
XSECTION 49	RUNOFF	.04	5.12	---	12.01	104	2600.0		
XSECTION 149	RUNOFF	.00	7.06	---	11.67F	8F	*****		
XSECTION 150	ADHYD	.04	5.22	---	11.99	112	2800.0		

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MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)		
ALTERNATE 35 STORM 5									
XSECTION 101	ADHYD	.32	5.94	---	12.13	480	1500.0		
STRUCTURE 49	RESVOR	.32	5.93	218.20	13.18	234	731.3		
XSECTION 50	RUNOFF	.04	5.12	---	12.01	113	2825.0		
XSECTION 51	RUNOFF	.00	7.06	---	11.67F	19F	*****		
XSECTION 51	ADHYD	.04	5.20	---	11.99	119	2975.0		
XSECTION 102	ADHYD	.37	5.85	---	13.12	247	667.6		
STRUCTURE 51	RESVOR	.37	5.82	215.12	14.67	175	473.0		

RAINFALL OF 7.80 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)		
ALTERNATE 36 STORM 6									
XSECTION 44	RUNOFF	.06	6.72	---	12.06	207	3450.0		
XSECTION 45	RUNOFF	.00	7.89	---	11.82	9	*****		
XSECTION 45	ADHYD	.07	6.77	---	12.03	212	3028.6		
STRUCTURE 45	RESVOR	.07	6.76	224.63	12.29	134	1914.3		
XSECTION 146	RUNOFF	.00	7.08	---	11.99	15	*****		
XSECTION 146	ADHYD	.07	6.78	---	12.27	140	2000.0		
XSECTION 46	RUNOFF	.00	7.08	---	11.99	15	*****		
XSECTION 46	ADHYD	.07	6.80	---	12.23	147	2100.0		
XSECTION 27	RUNOFF	.18	6.84	---	12.07	561	3116.7		
XSECTION 28	RUNOFF	.00	7.89	---	11.82	17	*****		
XSECTION 28	ADHYD	.18	6.87	---	12.05	566	3144.4		
STRUCTURE 28	RESVOR	.18	6.85	223.38	12.42	267	1483.3		
XSECTION 132	RUNOFF	.00	7.07	---	12.03	15	*****		
XSECTION 132	ADHYD	.18	6.85	---	12.40	272	1511.1		
XSECTION 32	RUNOFF	.00	7.07	---	12.03	15	*****		
XSECTION 32	ADHYD	.19	6.86	---	12.37	278	1463.2		
XSECTION 133	ADHYD	.26	6.84	---	12.29	422	1623.1		
XSECTION 47	RUNOFF	.02	6.73	---	12.00	53	2650.0		
XSECTION 147	RUNOFF	.00	7.89	---	11.82	19	*****		

TR20
MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)		
ALTERNATE 36 STORM 6									
XSECTION 148	ADHYD	.02	7.01	---	11.97	74	3700.0		
XSECTION 100	ADHYD	.28	6.85	---	12.22	452	1614.3		
XSECTION 49	RUNOFF	.04	5.90	---	12.01	120	3000.0		
XSECTION 149	RUNOFF	.00	7.89	---	11.82	8	*****		
XSECTION 150	ADHYD	.04	6.01	---	11.99	129	3225.0		
XSECTION 101	ADHYD	.32	6.75	---	12.12	549	1715.6		
STRUCTURE 49	RESVOR	.32	6.74	219.13	13.14	276	862.5		
XSECTION 50	RUNOFF	.04	5.90	---	12.01	130	3250.0		
XSECTION 51	RUNOFF	.00	7.89	---	11.82	7	*****		
XSECTION 51	ADHYD	.04	5.98	---	11.99	137	3425.0		
XSECTION 102	ADHYD	.37	6.65	---	13.08	291	786.5		
STRUCTURE 51	RESVOR	.37	6.62	216.19	14.73	193	521.6		

RAINFALL OF 3.48 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	ELEVATION (FT)	TIME (HR)	RATE (CFS)	RATE (CSM)		
ALTERNATE 41 STORM 1									
XSECTION 44	RUNOFF	.06	2.52	---	12.05	85	1416.7		
XSECTION 45	RUNOFF	.00	3.52	---	11.84	4	*****		
XSECTION 45	ADHYD	.07	2.56	---	12.02	87	1242.9		
STRUCTURE 45	RESVOR	.07	2.56	223.10	12.31	48	685.7		
XSECTION 146	RUNOFF	.00	2.81	---	11.99	6	*****		
XSECTION 146	ADHYD	.07	2.57	---	12.28	50	714.3		
XSECTION 46	RUNOFF	.00	2.81	---	11.99	6	*****</		

STRUCTURE 28 RESVOR .18 2.63 220.08 12.41 103 572.2
 XSECTION 132 RUNOFF .00 2.81 --- 12.02 6 *****
 1
 TR20 -----
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
 A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
 F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE		
				ELEVATION (FT)	TIME (HR)	RATE (CFS)
ALTERNATE 41 STORM 1						
XSECTION 132	ADDHYD	.18	2.64	---	12.39	105 583.3
XSECTION 32	RUNOFF	.00	2.81	---	12.02	6 *****
XSECTION 32	ADDHYD	.19	2.64	---	12.37	108 568.4
XSECTION 133	ADDHYD	.26	2.62	---	12.34	159 611.5
XSECTION 47	RUNOFF	.02	2.52	---	12.00	22 1100.0
XSECTION 147	RUNOFF	.00	3.52	---	11.84	9 *****
XSECTION 148	ADDHYD	.02	2.76	---	11.97	31 1550.0
XSECTION 100	ADDHYD	.28	2.63	---	12.28	168 600.0
XSECTION 49	RUNOFF	.04	1.92	---	12.00	42 1050.0
XSECTION 149	RUNOFF	.00	3.52	---	11.84T	4T*****
XSECTION 150	ADDHYD	.04	2.00	---	11.98	46 1150.0
XSECTION 101	ADDHYD	.32	2.56	---	12.19	193 603.1
STRUCTURE 49	RESVOR	.32	2.55	215.17	13.04	98 306.3
XSECTION 50	RUNOFF	.04	1.92	---	12.00	46 1150.0
XSECTION 51	RUNOFF	.00	3.52	---	11.83F	3F*****
XSECTION 51	ADDHYD	.04	1.98	---	11.98	49 1225.0
XSECTION 102	ADDHYD	.37	2.48	---	13.01	102 275.7
STRUCTURE 51	RESVOR	.37	2.48	211.12	14.49	73 197.3

RAINFALL OF 4.55 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE 42 STORM 2

XSECTION 44	RUNOFF	.06	3.54	---	12.05	117 1950.0
XSECTION 45	RUNOFF	.00	4.60	---	11.87	5 *****
XSECTION 45	ADDHYD	.07	3.58	---	12.02	120 1714.3
STRUCTURE 45	RESVOR	.07	3.58	223.59	12.29	70 1000.0
XSECTION 146	RUNOFF	.00	3.86	---	11.99	8 *****
XSECTION 146	ADDHYD	.07	3.60	---	12.26	74 1057.1
XSECTION 46	RUNOFF	.00	3.86	---	11.99	8 *****
XSECTION 46	ADDHYD	.07	3.61	---	12.20	78 1114.3

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 TR20 -----
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
 A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
 F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE		
				ELEVATION (FT)	TIME (HR)	RATE (CFS)
ALTERNATE 42 STORM 2						
XSECTION 27	RUNOFF	.18	3.65	---	12.06	321 1783.3
XSECTION 28	RUNOFF	.00	4.60	---	11.87	10 *****
XSECTION 28	ADDHYD	.18	3.67	---	12.04	325 1805.6
STRUCTURE 28	RESVOR	.18	3.66	221.06	12.39	153 850.0
XSECTION 132	RUNOFF	.00	3.86	---	12.02	9 *****
XSECTION 132	ADDHYD	.18	3.67	---	12.37	156 866.7
XSECTION 32	RUNOFF	.00	3.86	---	12.02	9 *****
XSECTION 32	ADDHYD	.19	3.67	---	12.35	159 836.8
XSECTION 133	ADDHYD	.26	3.66	---	12.30	235 903.8
XSECTION 47	RUNOFF	.02	3.54	---	11.99	30 1500.0
XSECTION 147	RUNOFF	.00	4.60	---	11.87	11 *****
XSECTION 148	ADDHYD	.02	3.80	---	11.97	42 2100.0
XSECTION 100	ADDHYD	.28	3.67	---	12.22	250 892.9
XSECTION 49	RUNOFF	.04	2.86	---	12.00	62 1550.0
XSECTION 149	RUNOFF	.00	4.60	---	11.87	5 *****
XSECTION 150	ADDHYD	.04	2.95	---	11.98	68 1700.0
XSECTION 101	ADDHYD	.32	3.58	---	12.12	298 931.3
STRUCTURE 49	RESVOR	.32	3.57	216.24	13.08	146 456.3
XSECTION 50	RUNOFF	.04	2.86	---	12.00	68 1700.0
XSECTION 51	RUNOFF	.00	4.60	---	11.87	4 *****
XSECTION 51	ADDHYD	.04	2.93	---	11.98	72 1800.0
XSECTION 102	ADDHYD	.37	3.50	---	13.04	152 410.8
STRUCTURE 51	RESVOR	.37	3.48	212.44	14.44	108 291.9

RAINFALL OF 5.25 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE 43 STORM 3

XSECTION 44	RUNOFF	.06	4.22	---	12.05	138 2300.0
XSECTION 45	RUNOFF	.00	5.31	---	11.87	6 *****
XSECTION 45	ADDHYD	.07	4.26	---	12.02	143 2042.9

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 TR20 -----
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
 A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:

F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE		
				ELEVATION (FT)	TIME (HR)	RATE (CFS)

ALTERNATE 43 STORM 3

STRUCTURE 45	RESVOR	.07	4.26	223.88	12.28	87 1242.9
XSECTION 146	RUNOFF	.00	4.55	---	11.99	10 *****
XSECTION 146	ADDHYD	.07	4.28	---	12.25	91 1300.0
XSECTION 46	RUNOFF	.00	4.55	---	11.99	10 *****
XSECTION 46	ADDHYD	.07	4.29	---	12.20	97 1385.7
XSECTION 27	RUNOFF	.18	4.33	---	12.06	376 2088.9
XSECTION 28	RUNOFF	.00	5.31	---	11.87	12 *****
XSECTION 28	ADDHYD	.18	4.35	---	12.04	382 2122.2
STRUCTURE 28	RESVOR	.18	4.34	221.68	12.37	186 1033.3
XSECTION 132	RUNOFF	.00	4.55	---	12.02	10 *****
XSECTION 132	ADDHYD	.18	4.35	---	12.36	189 1050.0
XSECTION 32	RUNOFF	.00	4.55	---	12.02	10 *****
XSECTION 32	ADDHYD	.19	4.35	---	12.34	193 1015.8
XSECTION 133	ADDHYD	.26	4.34	---	12.28	287 1103.8
XSECTION 47	RUNOFF	.02	4.22	---	12.00	35 1750.0
XSECTION 147	RUNOFF	.00	5.31	---	11.87	13 *****
XSECTION 148	ADDHYD	.02	4.49	---	11.97	49 2450.0
XSECTION 100	ADDHYD	.28	4.35	---	12.21	306 1092.9
XSECTION 49	RUNOFF	.04	3.50	---	12.00	76 1900.0
XSECTION 149	RUNOFF	.00	5.31	---	11.87	6 *****
XSECTION 150	ADDHYD	.04	3.60	---	11.98	82 2050.0
XSECTION 101	ADDHYD	.32	4.25	---	12.12	364 1137.5
STRUCTURE 49	RESVOR	.32	4.25	216.92	13.06	176 550.0
XSECTION 50	RUNOFF	.04	3.50	---	12.00	82 2050.0
XSECTION 51	RUNOFF	.00	5.31	---	11.87	5 *****
XSECTION 51	ADDHYD	.04	3.57	---	11.98	87 2175.0
XSECTION 102	ADDHYD	.37	4.17	---	13.03	184 497.3
STRUCTURE 51	RESVOR	.37	4.16	213.32	14.44	130 351.4

1
 TR20 -----
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
 A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
 F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE		
				ELEVATION (FT)	TIME (HR)	RATE (CFS)

RAINFALL OF 6.10 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE 44 STORM 4

XSECTION 44	RUNOFF	.06	5.05	---	12.05	164 2733.3
XSECTION 45	RUNOFF	.00	6.17	---	11.87	7 *****
XSECTION 45	ADDHYD	.07	5.09	---	12.02	168 2400.0
STRUCTURE 45	RESVOR	.07	5.09	224.20	12.27	107 1528.6
XSECTION 146	RUNOFF	.00	5.39	---	11.99	12 *****
XSECTION 146	ADDHYD	.07	5.11	---	12.24	111 1585.7
XSECTION 46	RUNOFF	.00	5.39	---	11.99	12 *****
XSECTION 46	ADDHYD	.07	5.12	---	12.19	118 1685.7
XSECTION 27	RUNOFF	.18	5.16	---	12.06	444 2466.7
XSECTION 28	RUNOFF	.00	6.17	---	11.87	14 *****
XSECTION 28	ADDHYD	.18	5.19	---	12.04	451 2505.6
STRUCTURE 28	RESVOR	.18	5.18	222.40	12.37	222 1233.3
XSECTION 132	RUNOFF	.00	5.39	---	12.02	12 *****
XSECTION 132	ADDHYD	.18	5.18	---	12.35	226 1255.6
XSECTION 32	RUNOFF	.00	5.39	---	12.02	12 *****
XSECTION 32	ADDHYD	.19	5.19	---	12.32	231 1215.8
XSECTION 133	ADDHYD	.26	5.17	---	12.27	345 1326.9
XSECTION 47	RUNOFF	.02	5.05	---	11.99	42 2100.0
XSECTION 147	RUNOFF	.00	6.17	---	11.87	15 *****
XSECTION 148	ADDHYD	.02	5.32	---	11.97	58 2900.0
XSECTION 100	ADDHYD	.28	5.18	---	12.20	372 1328.6
XSECTION 49	RUNOFF	.04	4.28	---	11.99	92 2300.0
XSECTION 149	RUNOFF	.00	6.17	---	11.87	7 *****
XSECTION 150	ADDHYD	.04	4.39	---	11.98	99 2475.0

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 TR20 -----
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
 A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
 F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	PEAK DISCHARGE		
				ELEVATION (FT)	TIME (HR)	RATE (CFS)

ALTERNATE 44 STORM 4

XSECTION 101	ADDHYD	.32	5.08	---	12.11	443 1384.4
STRUCTURE 49	RESVOR	.32	5.07	217.65	13.07	209 653.1
XSECTION 50	RUNOFF	.04	4.28	---	11.99	100 2500.0
XSECTION 51	RUNOFF	.00	6.17	---	11.87	5 *****
XSECTION 51	ADDHYD	.04	4.36	---	11.98	106 2650.0
XSECTION 102	ADDHYD	.37	4.99	---	13.03	218 589.2
STRUCTURE 51	RESVOR	.37	4.98	214.35	14.48	157 424.3

RAINFALL OF 6.98 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.

ALTERNATE 45 STORM 5									
XSECTION 44	RUNOFF	.06	5.91	---	12.05	189	3150.0		
XSECTION 45	RUNOFF	.00	7.06	---	11.87	8	*****		
XSECTION 45	ADDHYD	.07	5.95	---	12.02	195	2785.7		
STRUCTURE 45	RESVOR	.07	5.95	---	12.27	126	1800.0		
XSECTION 146	RUNOFF	.00	6.26	---	11.99	13	*****		
XSECTION 146	ADDHYD	.07	5.97	---	12.23	132	1885.7		
XSECTION 46	RUNOFF	.00	6.26	---	11.99	13	*****		
XSECTION 46	ADDHYD	.07	5.99	---	12.19	140	2000.0		
XSECTION 27	RUNOFF	.18	6.03	---	12.06	515	2861.1		
XSECTION 28	RUNOFF	.00	7.06	---	11.87	16	*****		
XSECTION 28	ADDHYD	.18	6.05	---	12.04	522	2900.0		
STRUCTURE 28	RESVOR	.18	6.04	---	12.37	256	1422.2		
XSECTION 132	RUNOFF	.00	6.26	---	12.02	14	*****		
XSECTION 132	ADDHYD	.18	6.05	---	12.35	260	1444.4		
XSECTION 32	RUNOFF	.00	6.26	---	12.02	14	*****		
XSECTION 32	ADDHYD	.19	6.05	---	12.32	266	1400.0		
XSECTION 133	ADDHYD	.26	6.03	---	12.26	402	1546.2		
XSECTION 47	RUNOFF	.02	5.92	---	12.00	49	2450.0		
XSECTION 147	RUNOFF	.00	7.06	---	11.87	17	*****		

TR20
 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
 A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
 F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	ELEVATION (FT)	PEAK DISCHARGE		
					TIME (HR)	RATE (CFS)	RATE (CSM)
ALTERNATE 45 STORM 5							
XSECTION 148	ADDHYD	.02	6.19	---	11.97	67	3350.0
XSECTION 100	ADDHYD	.28	6.05	---	12.19	433	1546.4
XSECTION 49	RUNOFF	.04	5.12	---	12.00	110	2750.0
XSECTION 149	RUNOFF	.00	7.06	---	11.87	8	*****
XSECTION 150	ADDHYD	.04	5.23	---	11.98	118	2950.0
XSECTION 101	ADDHYD	.32	5.94	---	12.10	524	1637.5
STRUCTURE 49	RESVOR	.32	5.94	218.59	13.04	252	787.5
XSECTION 50	RUNOFF	.04	5.12	---	12.00	119	2975.0
XSECTION 51	RUNOFF	.00	7.06	---	11.87	6	*****
XSECTION 51	ADDHYD	.04	5.20	---	11.98	125	3125.0
XSECTION 102	ADDHYD	.37	5.85	---	13.02	262	708.1
STRUCTURE 51	RESVOR	.37	5.83	215.43	14.57	180	486.5
RAINFALL OF 7.80 inches AND 24.00 hr DURATION, BEGINS AT .0 hrs.							
ALTERNATE 46 STORM 6							
XSECTION 44	RUNOFF	.06	6.72	---	12.05	214	3566.7
XSECTION 45	RUNOFF	.00	7.89	---	11.75F	9F*****	
XSECTION 45	ADDHYD	.07	6.76	---	12.02	220	3142.9
STRUCTURE 45	RESVOR	.07	6.76	224.73	12.26	147	2100.0
XSECTION 146	RUNOFF	.00	7.08	---	11.99	15	*****
XSECTION 146	ADDHYD	.07	6.78	---	12.23	154	2200.0
XSECTION 46	RUNOFF	.00	7.08	---	11.99	15	*****
XSECTION 46	ADDHYD	.07	6.80	---	12.20	162	2314.3
XSECTION 27	RUNOFF	.18	6.84	---	12.06	580	3222.2
XSECTION 28	RUNOFF	.00	7.89	---	11.75F	18F*****	
XSECTION 28	ADDHYD	.18	6.87	---	12.04	587	3261.1
STRUCTURE 28	RESVOR	.18	6.85	223.77	12.38	285	1583.3
XSECTION 132	RUNOFF	.00	7.08	---	12.02	16	*****
XSECTION 132	ADDHYD	.18	6.86	---	12.35	290	1611.1

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 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 1

SELECTED RESULTS OF STANDARD AND EXECUTIVE CONTROL IN ORDER PERFORMED.
 A CHARACTER FOLLOWING THE PEAK DISCHARGE TIME AND RATE (CFS) INDICATES:
 F-FLAT TOP HYDROGRAPH T-TRUNCATED HYDROGRAPH R-RISING TRUNCATED HYDROGRAPH

XSECTION/ STRUCTURE ID	STANDARD CONTROL OPERATION	DRAINAGE AREA (SQ MI)	RUNOFF AMOUNT (IN)	ELEVATION (FT)	PEAK DISCHARGE		
					TIME (HR)	RATE (CFS)	RATE (CSM)
ALTERNATE 46 STORM 6							
XSECTION 32	RUNOFF	.00	7.08	---	12.02	16	*****
XSECTION 32	ADDHYD	.19	6.86	---	12.32	296	1557.9
XSECTION 133	ADDHYD	.26	6.84	---	12.25	454	1746.2
XSECTION 47	RUNOFF	.02	6.73	---	12.00	55	2750.0
XSECTION 147	RUNOFF	.00	7.89	---	11.75F	19F*****	
XSECTION 148	ADDHYD	.02	7.01	---	11.97	75	3750.0
XSECTION 100	ADDHYD	.28	6.86	---	12.19	490	1750.0
XSECTION 49	RUNOFF	.04	5.89	---	11.99	125	3125.0
XSECTION 149	RUNOFF	.00	7.89	---	11.75F	9F*****	
XSECTION 150	ADDHYD	.04	6.00	---	11.98	134	3350.0
XSECTION 101	ADDHYD	.32	6.75	---	12.09	593	1853.1
STRUCTURE 49	RESVOR	.32	6.74	219.54	13.00	294	918.8
XSECTION 50	RUNOFF	.04	5.89	---	11.99	135	3375.0
XSECTION 51	RUNOFF	.00	7.89	---	11.75F	7F*****	
XSECTION 51	ADDHYD	.04	5.98	---	11.98	143	3575.0
XSECTION 102	ADDHYD	.37	6.65	---	12.98	307	829.7
STRUCTURE 51	RESVOR	.37	6.63	216.57	14.58	200	540.5

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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS.....				
		1	2	3	4	5
STRUCTURE 51 .37						
ALTERNATE 11		54	*****	*****	*****	*****
ALTERNATE 12		*****	88	*****	*****	*****
ALTERNATE 13		*****	*****	111	*****	*****
ALTERNATE 14		*****	*****	*****	134	*****
ALTERNATE 15		*****	*****	*****	*****	155
ALTERNATE 21		70	*****	*****	*****	*****
ALTERNATE 22		*****	104	*****	*****	*****
ALTERNATE 23		*****	*****	126	*****	*****
ALTERNATE 24		*****	*****	*****	151	*****
ALTERNATE 25		*****	*****	*****	*****	176
ALTERNATE 31		70	*****	*****	*****	*****
ALTERNATE 32		*****	103	*****	*****	*****
ALTERNATE 33		*****	*****	125	*****	*****
ALTERNATE 34		*****	*****	*****	151	*****
ALTERNATE 35		*****	*****	*****	*****	175
ALTERNATE 41		73	*****	*****	*****	*****
ALTERNATE 42		*****	108	*****	*****	*****
ALTERNATE 43		*****	*****	130	*****	*****
ALTERNATE 44		*****	*****	*****	157	*****
ALTERNATE 45		*****	*****	*****	*****	180
STRUCTURE 49 .32						
ALTERNATE 11		68	*****	*****	*****	*****
ALTERNATE 12		*****	117	*****	*****	*****
ALTERNATE 13		*****	*****	149	*****	*****
ALTERNATE 14		*****	*****	*****	181	*****
ALTERNATE 15		*****	*****	*****	*****	208
ALTERNATE 21		93	*****	*****	*****	*****
ALTERNATE 22		*****	139	*****	*****	*****
ALTERNATE 23		*****	*****	168	*****	*****
ALTERNATE 24		*****	*****	*****	201	*****
ALTERNATE 25		*****	*****	*****	*****	238
ALTERNATE 31		91	*****	*****	*****	*****
ALTERNATE 32		*****	137	*****	*****	*****
ALTERNATE 33		*****	*****	166	*****	*****

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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS.....				
		1	2	3	4	5
STRUCTURE 49 .32						
ALTERNATE 34		*****	*****	*****	199	*****
ALTERNATE 35		*****	*****	*****	*****	234
ALTERNATE 41		*****	*****	*****	*****	*****
ALTERNATE 42		*****	146	*****	*****	*****
ALTERNATE 43		*****	*****	176	*****	*****
ALTERNATE 44		*****	*****	*****	209	*****
ALTERNATE 45		*****	*****	*****	*****	252
STRUCTURE 45 .07						
ALTERNATE 11		35	*****	*****	*****	*****
ALTERNATE 12		*****	59	*****	*****	*****
ALTERNATE 13		*****	*****	76	*****	*****
ALTERNATE 14		*****	*****	*****	94	*****
ALTERNATE 15		*****	*****	*****	*****	112
ALTERNATE 21		46	*****	*****	*****	*****
ALTERNATE 22		*****	68	*****	*****	*****
ALTERNATE 23		*****	*****	85	*****	*****
ALTERNATE 24		*****	*****	*****	104	*****
ALTERNATE 25		*****	*****	*****	*****	124
ALTERNATE 31		43	*****	*****	*****	*****
ALTERNATE 32		*****	64	*****	*****	*****
ALTERNATE 33		*****	*****	79	*****	*****
ALTERNATE 34		*****	*****	*****	98	*****
ALTERNATE 35		*****	*****	*****	*****	116
ALTERNATE 41		48	*****	*****	*****	*****
ALTERNATE 42		*****	70	*****	*****	*****
ALTERNATE 43		*****	*****	87	*****	*****
ALTERNATE 44		*****	*****	*****	107	*****
ALTERNATE 45		*****	*****	*****	*****	126
STRUCTURE 28 .18						
ALTERNATE 11		61	*****	*****	*****	*****
ALTERNATE 12		*****	119	*****	*****	*****
ALTERNATE 13		*****	*****	153	*****	*****
ALTERNATE 14		*****	*****	*****	188	*****
ALTERNATE 15		*****	*****	*****	*****	218

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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS.....				
		1	2	3	4	5
STRUCTURE 28	.18					
ALTERNATE 21		96				
ALTERNATE 22		145				
ALTERNATE 23			177			
ALTERNATE 24				214		
ALTERNATE 25					248	
ALTERNATE 31		90				
ALTERNATE 32		139				
ALTERNATE 33			169			
ALTERNATE 34				206		
ALTERNATE 35					238	
ALTERNATE 41		103				
ALTERNATE 42		153				
ALTERNATE 43			186			
ALTERNATE 44				222		
ALTERNATE 45					256	
XSECTION 27	.18					
ALTERNATE 11		216				
ALTERNATE 12		322				
ALTERNATE 13			393			
ALTERNATE 14				463		
ALTERNATE 15					531	
ALTERNATE 21		263				
ALTERNATE 22		363				
ALTERNATE 23			428			
ALTERNATE 24				504		
ALTERNATE 25					584	
ALTERNATE 31		222				
ALTERNATE 32		307				
ALTERNATE 33			362			
ALTERNATE 34				429		
ALTERNATE 35					497	
ALTERNATE 41		234				
ALTERNATE 42		321				
ALTERNATE 43			376			
ALTERNATE 44				444		

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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS.....				
		1	2	3	4	5
XSECTION 27	.18					
ALTERNATE 45						515
XSECTION 28	.18					
ALTERNATE 11		218				
ALTERNATE 12		325				
ALTERNATE 13			396			
ALTERNATE 14				467		
ALTERNATE 15					536	
ALTERNATE 21		265				
ALTERNATE 22		365				
ALTERNATE 23			430			
ALTERNATE 24				507		
ALTERNATE 25					587	
ALTERNATE 31		225				
ALTERNATE 32		310				
ALTERNATE 33			366			
ALTERNATE 34				433		
ALTERNATE 35					502	
ALTERNATE 41		237				
ALTERNATE 42		325				
ALTERNATE 43			382			
ALTERNATE 44				451		
ALTERNATE 45					522	
XSECTION 32	.19					
ALTERNATE 11		64				
ALTERNATE 12		124				
ALTERNATE 13			159			
ALTERNATE 14				195		
ALTERNATE 15					227	
ALTERNATE 21		100				
ALTERNATE 22		151				
ALTERNATE 23			185			
ALTERNATE 24				223		
ALTERNATE 25					259	
ALTERNATE 31		94				

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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS.....				
		1	2	3	4	5
XSECTION 32	.19					

ALTERNATE 32	144				
ALTERNATE 33	176				
ALTERNATE 34	214				
ALTERNATE 35	248				
ALTERNATE 41	108				
ALTERNATE 42	159				
ALTERNATE 43	193				
ALTERNATE 44	231				
ALTERNATE 45	266				

XSECTION 44 .06

ALTERNATE 11	79				
ALTERNATE 12	119				
ALTERNATE 13	145				
ALTERNATE 14	172				
ALTERNATE 15	198				
ALTERNATE 21	98				
ALTERNATE 22	136				
ALTERNATE 23	160				
ALTERNATE 24	190				
ALTERNATE 25	220				

ALTERNATE 31	80				
ALTERNATE 32	112				
ALTERNATE 33	132				
ALTERNATE 34	158				
ALTERNATE 35	183				
ALTERNATE 41	85				
ALTERNATE 42	117				
ALTERNATE 43	138				
ALTERNATE 44	164				
ALTERNATE 45	189				

XSECTION 45 .07

ALTERNATE 11	80				
ALTERNATE 12	121				
ALTERNATE 13	147				
ALTERNATE 14	175				

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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS.....				
		1	2	3	4	5
XSECTION 45	.07					
ALTERNATE 15						201
ALTERNATE 21		98				
ALTERNATE 22		136				
ALTERNATE 23			161			
ALTERNATE 24				191		
ALTERNATE 25					221	
ALTERNATE 31		83				
ALTERNATE 32		115				
ALTERNATE 33			136			
ALTERNATE 34				162		
ALTERNATE 35					188	
ALTERNATE 41		87				
ALTERNATE 42		120				
ALTERNATE 43			143			
ALTERNATE 44				168		
ALTERNATE 45					195	
XSECTION 46	.07					
ALTERNATE 11		39				
ALTERNATE 12		65				
ALTERNATE 13			83			
ALTERNATE 14				104		
ALTERNATE 15					123	
ALTERNATE 21		51				
ALTERNATE 22		75				
ALTERNATE 23			93			
ALTERNATE 24				114		
ALTERNATE 25					136	
ALTERNATE 31		48				
ALTERNATE 32		71				
ALTERNATE 33			87			
ALTERNATE 34				107		
ALTERNATE 35					128	
ALTERNATE 41		53				
ALTERNATE 42		78				

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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS.....				
		1	2	3	4	5
XSECTION 46	.07					
ALTERNATE 43			97			
ALTERNATE 44				118		
ALTERNATE 45					140	

XSECTION 47		.02				
ALTERNATE 11	22					
ALTERNATE 12	33					
ALTERNATE 13	40					
ALTERNATE 14	47					
ALTERNATE 15	54					
ALTERNATE 21	27					
ALTERNATE 22	38					
ALTERNATE 23	45					
ALTERNATE 24	53					
ALTERNATE 25	61					
ALTERNATE 31	21					
ALTERNATE 32	29					
ALTERNATE 33	34					
ALTERNATE 34	40					
ALTERNATE 35	47					
ALTERNATE 41	22					
ALTERNATE 42	30					
ALTERNATE 43	35					
ALTERNATE 44	42					
ALTERNATE 45	49					

XSECTION 49		.04				
ALTERNATE 11	37					
ALTERNATE 12	63					
ALTERNATE 13	80					
ALTERNATE 14	98					
ALTERNATE 15	115					
ALTERNATE 21	52					
ALTERNATE 22	79					
ALTERNATE 23	94					
ALTERNATE 24	115					
ALTERNATE 25	138					

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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS.....				
		1	2	3	4	5
XSECTION 49 .04						
ALTERNATE 31	39					
ALTERNATE 32	59					
ALTERNATE 33	71					
ALTERNATE 34	88					
ALTERNATE 35	104					
ALTERNATE 41	42					
ALTERNATE 42	62					
ALTERNATE 43	76					
ALTERNATE 44	92					
ALTERNATE 45	110					
XSECTION 50 .04						
ALTERNATE 11	40					
ALTERNATE 12	68					
ALTERNATE 13	87					
ALTERNATE 14	106					
ALTERNATE 15	125					
ALTERNATE 21	57					
ALTERNATE 22	85					
ALTERNATE 23	102					
ALTERNATE 24	125					
ALTERNATE 25	150					
ALTERNATE 31	42					
ALTERNATE 32	63					
ALTERNATE 33	77					
ALTERNATE 34	95					
ALTERNATE 35	113					
ALTERNATE 41	46					
ALTERNATE 42	68					
ALTERNATE 43	82					
ALTERNATE 44	100					
ALTERNATE 45	119					
XSECTION 51 .04						
ALTERNATE 11	42					
ALTERNATE 12	70					
ALTERNATE 13	90					

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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS.....				
		1	2	3	4	5
XSECTION 51 .04						
ALTERNATE 14				110		
ALTERNATE 15				128		
ALTERNATE 21	58					
ALTERNATE 22	87					
ALTERNATE 23	104					
ALTERNATE 24				127		
ALTERNATE 25				153		
ALTERNATE 31	45					

ALTERNATE 32	68				
ALTERNATE 33	82				
ALTERNATE 34				100	
ALTERNATE 35				119	
ALTERNATE 41	49				
ALTERNATE 42	72				
ALTERNATE 43	87				
ALTERNATE 44				106	
ALTERNATE 45				125	

XSECTION 100 .28

ALTERNATE 11	106				
ALTERNATE 12	198				
ALTERNATE 13	254				
ALTERNATE 14	314				
ALTERNATE 15	368				
ALTERNATE 21	156				
ALTERNATE 22	237				
ALTERNATE 23	291				
ALTERNATE 24	355				
ALTERNATE 25	417				

ALTERNATE 31	148				
ALTERNATE 32	227				
ALTERNATE 33	277				
ALTERNATE 34	339				
ALTERNATE 35	399				
ALTERNATE 41	168				

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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS.....				
		1	2	3	4	5
XSECTION 100 .28						
ALTERNATE 42	250					
ALTERNATE 43	306					
ALTERNATE 44	372					
ALTERNATE 45	433					
XSECTION 101 .32						
ALTERNATE 11	124					
ALTERNATE 12	224					
ALTERNATE 13	295					
ALTERNATE 14	369					
ALTERNATE 15	437					
ALTERNATE 21	173					
ALTERNATE 22	287					
ALTERNATE 23	351					
ALTERNATE 24	431					
ALTERNATE 25	515					
ALTERNATE 31	164					
ALTERNATE 32	267					
ALTERNATE 33	327					
ALTERNATE 34	403					
ALTERNATE 35	480					
ALTERNATE 41	193					
ALTERNATE 42	298					
ALTERNATE 43	364					
ALTERNATE 44	443					
ALTERNATE 45	524					
XSECTION 102 .37						
ALTERNATE 11	73					
ALTERNATE 12	124					
ALTERNATE 13	157					
ALTERNATE 14	191					
ALTERNATE 15	219					
ALTERNATE 21	98					
ALTERNATE 22	146					
ALTERNATE 23	177					
ALTERNATE 24	213					

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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS.....				
		1	2	3	4	5
XSECTION 102 .37						
ALTERNATE 25						256
ALTERNATE 31	96					
ALTERNATE 32	144					
ALTERNATE 33	175					
ALTERNATE 34	210					
ALTERNATE 35						247
ALTERNATE 41	102					
ALTERNATE 42	152					
ALTERNATE 43	184					
ALTERNATE 44	218					
ALTERNATE 45						262
XSECTION 132 .18						

ALTERNATE 11	63	*****	*****	*****	*****	*****
ALTERNATE 12	*****	121	*****	*****	*****	*****
ALTERNATE 13	*****	*****	156	*****	*****	*****
ALTERNATE 14	*****	*****	*****	192	*****	*****
ALTERNATE 15	*****	*****	*****	*****	222	*****
ALTERNATE 21	98	*****	*****	*****	*****	*****
ALTERNATE 22	*****	148	*****	*****	*****	*****
ALTERNATE 23	*****	*****	181	*****	*****	*****
ALTERNATE 24	*****	*****	*****	218	*****	*****
ALTERNATE 25	*****	*****	*****	*****	253	*****
ALTERNATE 31	92	*****	*****	*****	*****	*****
ALTERNATE 32	*****	141	*****	*****	*****	*****
ALTERNATE 33	*****	*****	173	*****	*****	*****
ALTERNATE 34	*****	*****	*****	210	*****	*****
ALTERNATE 35	*****	*****	*****	*****	243	*****
ALTERNATE 41	105	*****	*****	*****	*****	*****
ALTERNATE 42	*****	156	*****	*****	*****	*****
ALTERNATE 43	*****	*****	189	*****	*****	*****
ALTERNATE 44	*****	*****	*****	226	*****	*****
ALTERNATE 45	*****	*****	*****	*****	260	*****

XSECTION 133 .26
 ALTERNATE 11 99 *****

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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS.....				
		1	2	3	4	5
XSECTION 133 .26						
ALTERNATE 12	*****	186	*****	*****	*****	*****
ALTERNATE 13	*****	*****	240	*****	*****	*****
ALTERNATE 14	*****	*****	*****	296	*****	*****
ALTERNATE 15	*****	*****	*****	*****	345	*****
ALTERNATE 21	148	*****	*****	*****	*****	*****
ALTERNATE 22	*****	224	*****	*****	*****	*****
ALTERNATE 23	*****	*****	275	*****	*****	*****
ALTERNATE 24	*****	*****	*****	335	*****	*****
ALTERNATE 25	*****	*****	*****	*****	391	*****
ALTERNATE 31	140	*****	*****	*****	*****	*****
ALTERNATE 32	*****	213	*****	*****	*****	*****
ALTERNATE 33	*****	*****	261	*****	*****	*****
ALTERNATE 34	*****	*****	*****	319	*****	*****
ALTERNATE 35	*****	*****	*****	*****	373	*****
ALTERNATE 41	159	*****	*****	*****	*****	*****
ALTERNATE 42	*****	235	*****	*****	*****	*****
ALTERNATE 43	*****	*****	287	*****	*****	*****
ALTERNATE 44	*****	*****	*****	345	*****	*****
ALTERNATE 45	*****	*****	*****	*****	402	*****
XSECTION 146 .07						
ALTERNATE 11	37	*****	*****	*****	*****	*****
ALTERNATE 12	*****	62	*****	*****	*****	*****
ALTERNATE 13	*****	*****	79	*****	*****	*****
ALTERNATE 14	*****	*****	*****	99	*****	*****
ALTERNATE 15	*****	*****	*****	*****	117	*****
ALTERNATE 21	48	*****	*****	*****	*****	*****
ALTERNATE 22	*****	72	*****	*****	*****	*****
ALTERNATE 23	*****	*****	89	*****	*****	*****
ALTERNATE 24	*****	*****	*****	109	*****	*****
ALTERNATE 25	*****	*****	*****	*****	130	*****
ALTERNATE 31	45	*****	*****	*****	*****	*****
ALTERNATE 32	*****	67	*****	*****	*****	*****
ALTERNATE 33	*****	*****	83	*****	*****	*****
ALTERNATE 34	*****	*****	*****	102	*****	*****
ALTERNATE 35	*****	*****	*****	*****	122	*****

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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS.....				
		1	2	3	4	5
XSECTION 146 .07						
ALTERNATE 41	50	*****	*****	*****	*****	*****
ALTERNATE 42	*****	74	*****	*****	*****	*****
ALTERNATE 43	*****	*****	91	*****	*****	*****
ALTERNATE 44	*****	*****	*****	111	*****	*****
ALTERNATE 45	*****	*****	*****	*****	132	*****
XSECTION 147 .00						
ALTERNATE 11	15	*****	*****	*****	*****	*****
ALTERNATE 12	*****	20	*****	*****	*****	*****
ALTERNATE 13	*****	*****	23	*****	*****	*****
ALTERNATE 14	*****	*****	*****	27	*****	*****
ALTERNATE 15	*****	*****	*****	*****	30	*****
ALTERNATE 21	14	*****	*****	*****	*****	*****
ALTERNATE 22	*****	19	*****	*****	*****	*****
ALTERNATE 23	*****	*****	22	*****	*****	*****
ALTERNATE 24	*****	*****	*****	25	*****	*****
ALTERNATE 25	*****	*****	*****	*****	29	*****
ALTERNATE 31	8	*****	*****	*****	*****	*****

ALTERNATE 32	*****	11	*****	*****	*****	*****
ALTERNATE 33	*****	*****	13	*****	*****	*****
ALTERNATE 34	*****	*****	*****	15	*****	*****
ALTERNATE 35	*****	*****	*****	*****	*****	17
ALTERNATE 41	9	*****	*****	*****	*****	*****
ALTERNATE 42	*****	11	*****	*****	*****	*****
ALTERNATE 43	*****	*****	13	*****	*****	*****
ALTERNATE 44	*****	*****	*****	15	*****	*****
ALTERNATE 45	*****	*****	*****	*****	*****	17

XSECTION 148 .02

ALTERNATE 11	29	*****	*****	*****	*****	*****
ALTERNATE 12	*****	42	*****	*****	*****	*****
ALTERNATE 13	*****	*****	51	*****	*****	*****
ALTERNATE 14	*****	*****	*****	60	*****	*****
ALTERNATE 15	*****	*****	*****	*****	68	*****
ALTERNATE 21	36	*****	*****	*****	*****	*****
ALTERNATE 22	*****	49	*****	*****	*****	*****
ALTERNATE 23	*****	*****	57	*****	*****	*****

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 MEDITERRANEAN PLAZA LAKES - HEARTSPRING SITE 2,5,10,25,50,100 VERSION
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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS.....				
		1	2	3	4	5
XSECTION 148 .02						
ALTERNATE 24	*****	*****	*****	68	*****	*****
ALTERNATE 25	*****	*****	*****	*****	78	*****
ALTERNATE 31	30	*****	*****	*****	*****	*****
ALTERNATE 32	*****	41	*****	*****	*****	*****
ALTERNATE 33	*****	*****	48	*****	*****	*****
ALTERNATE 34	*****	*****	*****	56	*****	*****
ALTERNATE 35	*****	*****	*****	*****	65	*****
ALTERNATE 41	31	*****	*****	*****	*****	*****
ALTERNATE 42	*****	42	*****	*****	*****	*****
ALTERNATE 43	*****	*****	49	*****	*****	*****
ALTERNATE 44	*****	*****	*****	58	*****	*****
ALTERNATE 45	*****	*****	*****	*****	67	*****
XSECTION 149 .00						
ALTERNATE 11	7	*****	*****	*****	*****	*****
ALTERNATE 12	*****	9	*****	*****	*****	*****
ALTERNATE 13	*****	*****	11	*****	*****	*****
ALTERNATE 14	*****	*****	*****	12	*****	*****
ALTERNATE 15	*****	*****	*****	*****	14	*****
ALTERNATE 21	6	*****	*****	*****	*****	*****
ALTERNATE 22	*****	8	*****	*****	*****	*****
ALTERNATE 23	*****	*****	10	*****	*****	*****
ALTERNATE 24	*****	*****	*****	11	*****	*****
ALTERNATE 25	*****	*****	*****	*****	13	*****
ALTERNATE 31	4	*****	*****	*****	*****	*****
ALTERNATE 32	*****	5	*****	*****	*****	*****
ALTERNATE 33	*****	*****	6	*****	*****	*****
ALTERNATE 34	*****	*****	*****	7	*****	*****
ALTERNATE 35	*****	*****	*****	*****	8	*****
ALTERNATE 41	4	*****	*****	*****	*****	*****
ALTERNATE 42	*****	5	*****	*****	*****	*****
ALTERNATE 43	*****	*****	6	*****	*****	*****
ALTERNATE 44	*****	*****	*****	7	*****	*****
ALTERNATE 45	*****	*****	*****	*****	8	*****

XSECTION 150 .04

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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS.....				
		1	2	3	4	5
XSECTION 150 .04						
ALTERNATE 11	39	*****	*****	*****	*****	*****
ALTERNATE 12	*****	65	*****	*****	*****	*****
ALTERNATE 13	*****	*****	84	*****	*****	*****
ALTERNATE 14	*****	*****	*****	102	*****	*****
ALTERNATE 15	*****	*****	*****	*****	120	*****
ALTERNATE 21	54	*****	*****	*****	*****	*****
ALTERNATE 22	*****	81	*****	*****	*****	*****
ALTERNATE 23	*****	*****	97	*****	*****	*****
ALTERNATE 24	*****	*****	*****	118	*****	*****
ALTERNATE 25	*****	*****	*****	*****	142	*****
ALTERNATE 31	43	*****	*****	*****	*****	*****
ALTERNATE 32	*****	64	*****	*****	*****	*****
ALTERNATE 33	*****	*****	77	*****	*****	*****
ALTERNATE 34	*****	*****	*****	94	*****	*****
ALTERNATE 35	*****	*****	*****	*****	112	*****
ALTERNATE 41	46	*****	*****	*****	*****	*****
ALTERNATE 42	*****	68	*****	*****	*****	*****
ALTERNATE 43	*****	*****	82	*****	*****	*****
ALTERNATE 44	*****	*****	*****	99	*****	*****
ALTERNATE 45	*****	*****	*****	*****	118	*****

SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 6
STRUCTURE 51	.37	
ALTERNATE 16		179
ALTERNATE 26		194
ALTERNATE 36		193
ALTERNATE 46		200
STRUCTURE 49	.32	
ALTERNATE 16		251
ALTERNATE 26		280
ALTERNATE 36		276
ALTERNATE 46		294
STRUCTURE 45	.07	
ALTERNATE 16		135
ALTERNATE 26		145
ALTERNATE 36		134
ALTERNATE 46		147

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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 6
STRUCTURE 28	.18	
ALTERNATE 16		254
ALTERNATE 26		278
ALTERNATE 36		267
ALTERNATE 46		285
XSECTION 27	.18	
ALTERNATE 16		614
ALTERNATE 26		662
ALTERNATE 36		561
ALTERNATE 46		580
XSECTION 28	.18	
ALTERNATE 16		620
ALTERNATE 26		666
ALTERNATE 36		566
ALTERNATE 46		587
XSECTION 32	.19	
ALTERNATE 16		265
ALTERNATE 26		289
ALTERNATE 36		278
ALTERNATE 46		296
XSECTION 44	.06	
ALTERNATE 16		230
ALTERNATE 26		249
ALTERNATE 36		207
ALTERNATE 46		214
XSECTION 45	.07	
ALTERNATE 16		234
ALTERNATE 26		250
ALTERNATE 36		212
ALTERNATE 46		220
XSECTION 46	.07	
ALTERNATE 16		148
ALTERNATE 26		158
ALTERNATE 36		147

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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 6
XSECTION 46	.07	
ALTERNATE 46		162
XSECTION 47	.02	
ALTERNATE 16		63
ALTERNATE 26		69
ALTERNATE 36		53
ALTERNATE 46		55
XSECTION 49	.04	
ALTERNATE 16		137
ALTERNATE 26		158
ALTERNATE 36		120
ALTERNATE 46		125
XSECTION 50	.04	
ALTERNATE 16		148

ALTERNATE 26	172
ALTERNATE 36	130
ALTERNATE 46	135

XSECTION 51	.04	
ALTERNATE 16		153
ALTERNATE 26		175
ALTERNATE 36		137
ALTERNATE 46		143

XSECTION 100	.28	
ALTERNATE 16		435
ALTERNATE 26		474
ALTERNATE 36		452
ALTERNATE 46		490

XSECTION 101	.32	
ALTERNATE 16		525
ALTERNATE 26		588
ALTERNATE 36		549
ALTERNATE 46		593

XSECTION 102	.37	
ALTERNATE 16		264
ALTERNATE 26		295

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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 6
XSECTION 102	.37	
ALTERNATE 36		291
ALTERNATE 46		307
XSECTION 132	.18	
ALTERNATE 16		259
ALTERNATE 26		283
ALTERNATE 36		272
ALTERNATE 46		290
XSECTION 133	.26	
ALTERNATE 16		407
ALTERNATE 26		444
ALTERNATE 36		422
ALTERNATE 46		454
XSECTION 146	.07	
ALTERNATE 16		141
ALTERNATE 26		151
ALTERNATE 36		140
ALTERNATE 46		154
XSECTION 147	.00	
ALTERNATE 16		35
ALTERNATE 26		32
ALTERNATE 36		19
ALTERNATE 46		19
XSECTION 148	.02	
ALTERNATE 16		79
ALTERNATE 26		88
ALTERNATE 36		74
ALTERNATE 46		75
XSECTION 149	.00	
ALTERNATE 16		16
ALTERNATE 26		15
ALTERNATE 36		8
ALTERNATE 46		9
XSECTION 150	.04	
ALTERNATE 16		142

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SUMMARY TABLE 3

STORM DISCHARGES (CFS) AT XSECTIONS AND STRUCTURES FOR ALL ALTERNATES

XSECTION/ STRUCTURE ID	DRAINAGE AREA (SQ MI)	STORM NUMBERS..... 6
XSECTION 150	.04	
ALTERNATE 26		163
ALTERNATE 36		129
ALTERNATE 46		134

1
END OF 1 JOBS IN THIS RUN

SCS TR-20, VERSION 10/01/90
FILES

INPUT = D:\TR-20\MDTPEZL05.T20
OUTPUT = D:\TR-20\MDTPEZL05.OUT

, DATED 02/27/**,12:39:52

FILES GENERATED - DATED 02/27/**,12:39:52

NONE!

*** TR-20 RUN COMPLETED ***