

SacCalc Model Data

For

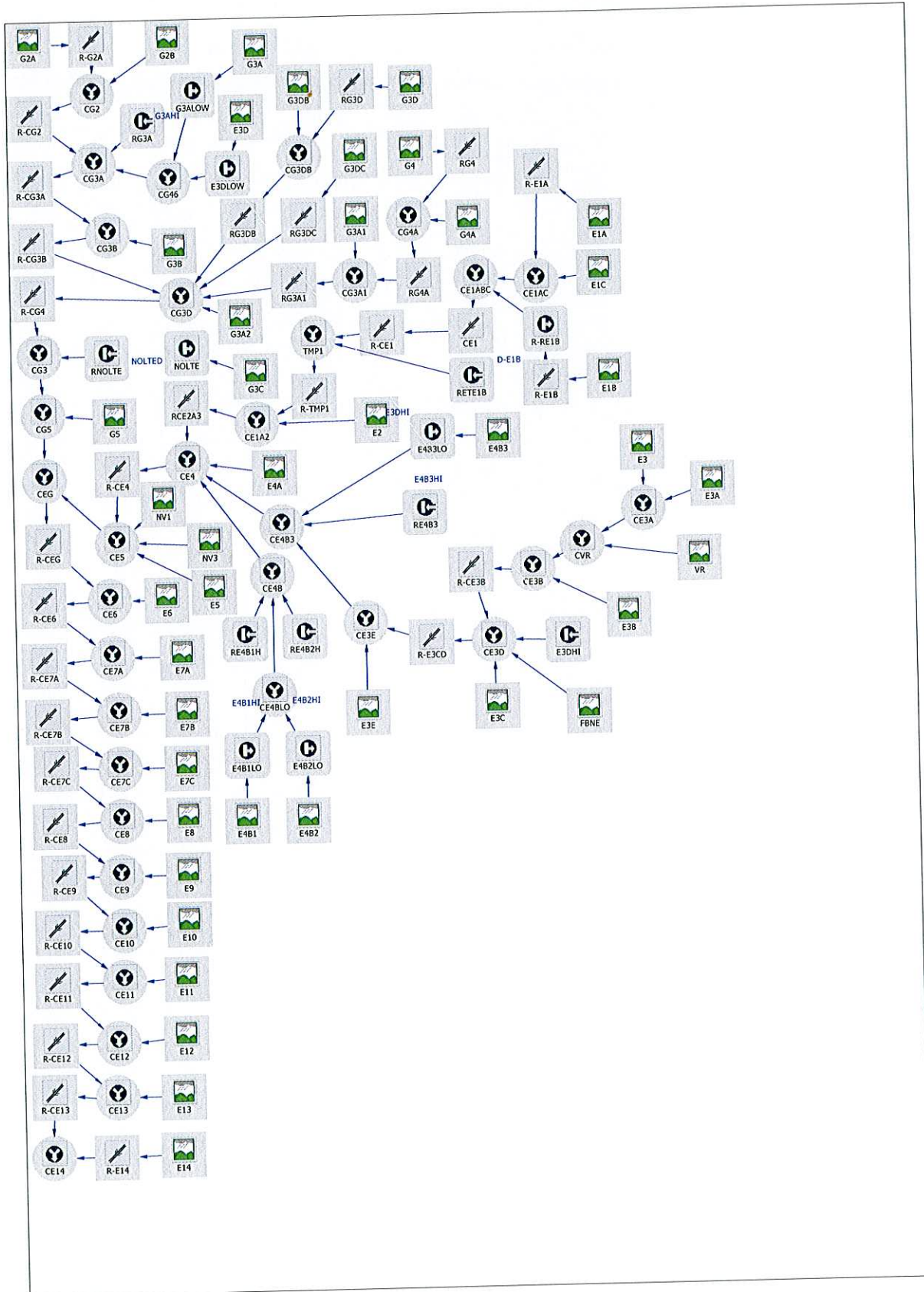
Elder and Gerber Creeks – Post Fvcp

Model Schematic Layout

Peak Flow Summary

Report

ELDER/GERBER CREEK BASINS - PostFVCP



Sacramento method results
(Project: ELDER/GERBER CREEK BASINS - PostFVCP)
(100-year, 1-day rainfall)

ID	Peak flow (cfs)	Time of peak (hours)	Basin area (sq. mi)	Peak stage (feet)	Peak storage (ac-ft)	Diversion volume (ac-ft)
G3C	178.	12:40	.28			
NOLTE	104.	12:17	.28			3.29
E8	169.	12:34	.25			
G2A	375.	14:04	1.29			
R-G2A	270.	17:03	1.29	.0	14.	
G2B	347.	12:50	.65			
CG2	383.	12:50	1.93			
R-CG2	354.	13:19	1.93	.0	2.7	
G3A	426.	12:50	.80			
G3ALOW	62.	12:25	.80			54.03
E3D	80.	12:20	.09			
E3DLOW	5.0	12:12	.09			7.15
CG46	67.	12:25	.88			
RG3A	364.	12:50	.00			
CG3A	715.	12:57	2.82			
R-CG3A	582.	14:18	2.82	.0	9.8	
G3B	116.	12:19	.12			
CG3B	600.	14:17	2.94			
R-CG3B	597.	14:31	2.94	.0	2.2	
G3A1	135.	12:33	.19			
G4A	149.	12:27	.19			
G4	116.	12:28	.15			
RG4	98.	12:46	.15			
CG4A	218.	12:32	.34			
RG4A	203.	12:42	.34			
CG3A1	332.	12:36	.53			
RG3A1	329.	12:38	.53			
G3DC	54.	12:06	.03			
RG3DC	54.	12:07	.03			
G3DB	77.	12:17	.08			
G3D	147.	12:42	.24			
RG3D	118.	13:02	.24			
CG3DB	145.	12:56	.32			
RG3DB	144.	13:04	.32			
G3A2	19.	12:32	.03			
CG3D	781.	14:19	3.85			
R-CG4	761.	15:05	3.85	.0	6.3	
RNOLTE	74.	12:40	.00			

CG3	761.	15:05	3.85		
G5	159.	13:00	.33		
CG5	841.	13:11	4.18		
E2	292.	14:15	1.02		
E1A	455.	13:42	1.38		
R-E1A	379.	15:19	1.38	.0	7.8
E1C	480.	13:30	1.34		
CE1AC	705.	13:43	2.73		
E1B	351.	14:32	1.38		
R-E1B	276.	15:30	1.38		
R-RE1B	81.	15:29	1.38		76.60
CE1ABC	786.	13:43	4.10		
CE1	672.	17:06	4.10	.0	22.
R-CE1	670.	17:31	4.10	.0	5.5
RETE1B	195.	15:30	.00		
TMP1	815.	17:01	4.10		
R-TMP1	745.	19:50	4.10	.0	36.
CE1A2	823.	19:39	5.12		
RCE2A3	801.	21:08	5.12	.0	23.
E3E	82.	12:27	.10		
E3C	130.	12:17	.13		
E3	100.	13:03	.22		
E3A	42.	12:50	.08		
CE3A	139.	12:58	.30		
VR	43.	12:09	.03		
CVR	147.	12:57	.33		
E3B	27.	12:10	.02		
CE3B	153.	12:57	.36		
R-CE3B	151.	13:10	.36		
FBNE	85.	12:12	.07		
E3DHI	75.	12:20	.00		
CE3D	366.	12:18	.55		
R-E3CD	316.	12:38	.55		
CE3E	387.	12:35	.66		
E4B3	123.	12:49	.22		
E4B3LO	59.	12:44	.22		4.31
RE4B3	64.	12:49	.00		
CE4B3	496.	12:38	.87		
E4A	327.	12:54	.62		
E4B1	177.	12:27	.22		
E4B1LO	50.	12:23	.22		7.30
E4B2	267.	12:53	.49		
E4B2LO	151.	12:21	.49		7.30
CE4BLO	201.	12:21	.71		

RE4B1H	127.	12:27	.00		
RE4B2H	116.	12:53	.00		
CE4B	378.	12:45	.71		
CE4	1272.	12:46	7.33		
R-CE4	845.	15:13	7.33	.0	30.
E5	194.	12:38	.30		
NV1	89.	12:35	.13		
NV3	43.	12:21	.05		
CE5	913.	15:08	7.81		
CEG	1731.	15:05	11.99		
R-CEG	1728.	15:20	11.99	.0	15.
E6	230.	12:34	.33		
CE6	1773.	15:18	12.32		
R-CE6	1741.	16:07	12.32	.0	18.
E7A	163.	12:31	.22		
CE7A	1760.	16:05	12.54		
R-CE7A	1755.	16:26	12.54	.0	7.0
E7B	162.	12:37	.25		
CE7B	1775.	16:25	12.79		
R-CE7B	1771.	16:46	12.79	.0	7.1
E7C	152.	12:52	.28		
CE7C	1799.	16:45	13.07		
R-CE7C	1795.	17:06	13.07	.0	7.2
CE8	1812.	17:06	13.32		
R-CE8	1806.	17:32	13.32	.0	9.5
E9	310.	12:33	.44		
CE9	1834.	17:31	13.76		
R-CE9	1833.	17:40	13.76	.0	5.1
E10	229.	12:27	.29		
CE10	1852.	17:40	14.05		
R-CE10	1852.	17:43	14.05	.0	5.4
E11	201.	12:23	.23		
CE11	1867.	17:43	14.28		
R-CE11	1866.	17:49	14.28	.0	5.1
E12	300.	12:34	.43		
CE12	1896.	17:49	14.71		
R-CE12	1895.	17:55	14.71	.0	5.2
E13	128.	12:26	.16		
CE13	1905.	17:55	14.87		
R-CE13	1905.	18:03	14.87	.0	6.4
E14	804.	12:47	1.39		
R-E14	174.	15:57	1.39	.0	83.
CE14	2078.	18:03	16.26		

(10-year, 1-day rainfall)

ID	Peak flow (cfs)	Time of peak (hours)	Basin area (sq. mi)	Peak stage (feet)	Peak storage (ac-ft)	Diversion volume (ac-ft)
G3C	109.	12:33	.28			
NOLTE	104.	12:28	.28			.05
E8	103.	12:28	.25			
G2A	218.	14:06	1.29			
R-G2A	159.	17:03	1.29	.0	8.4	
G2B	205.	12:44	.65			
CG2	221.	12:45	1.93			
R-CG2	206.	13:10	1.93	.0	1.6	
G3A	263.	12:41	.80			
G3ALOW	62.	12:44	.80			24.03
E3D	48.	12:15	.09			
E3DLOW	5.0	12:06	.09			3.43
CG46	67.	12:44	.88			
RG3A	201.	12:41	.00			
CG3A	422.	12:49	2.82			
R-CG3A	369.	14:06	2.82	.0	5.1	
G3B	66.	12:17	.12			
CG3B	381.	14:05	2.94			
R-CG3B	379.	14:21	2.94	.0	1.4	
G3A1	84.	12:25	.19			
G4A	84.	12:24	.19			
G4	68.	12:23	.15			
RG4	56.	12:44	.15			
CG4A	123.	12:28	.34			
RG4A	115.	12:40	.34			
CG3A1	189.	12:29	.53			
RG3A1	187.	12:32	.53			
G3DC	28.	12:06	.03			
RG3DC	27.	12:06	.03			
G3DB	46.	12:13	.08			
G3D	94.	12:32	.24			
RG3D	73.	12:55	.24			
CG3DB	92.	12:52	.32			
RG3DB	91.	13:01	.32			
G3A2	11.	12:30	.03			
CG3D	511.	13:52	3.85			
R-CG4	508.	14:21	3.85	.0	3.5	
RNOLTE	4.6	12:33	.00			
CG3	508.	14:21	3.85			
G5	96.	12:54	.33			
CG5	559.	13:54	4.18			

E2	177.	14:14	1.02		
E1A	261.	13:44	1.38		
R-E1A	235.	14:51	1.38	.0	4.7
E1C	273.	13:32	1.34		
CE1AC	424.	14:18	2.73		
E1B	206.	14:34	1.38		
R-E1B	157.	15:48	1.38		
R-RE1B	81.	13:47	1.38		22.39
CE1ABC	505.	14:18	4.10		
CE1	435.	16:04	4.10	.0	13.
R-CE1	428.	16:33	4.10	.0	3.8
RETE1B	76.	15:48	.00		
TMP1	498.	16:30	4.10		
R-TMP1	425.	19:57	4.10	.0	21.
CE1A2	469.	19:44	5.12		
RCE2A3	450.	21:42	5.12	.0	13.
E3E	47.	12:24	.10		
E3C	79.	12:13	.13		
E3	55.	13:05	.22		
E3A	23.	12:51	.08		
CE3A	77.	12:59	.30		
VR	24.	12:06	.03		
CVR	83.	12:58	.33		
E3B	16.	12:07	.02		
CE3B	88.	12:58	.36		
R-CE3B	86.	13:13	.36		
FBNE	51.	12:09	.07		
E3DHI	43.	12:15	.00		
CE3D	208.	12:14	.55		
R-E3CD	176.	12:37	.55		
CE3E	215.	12:34	.66		
E4B3	73.	12:44	.22		
E4B3LO	59.	12:29	.22		.44
RE4B3	14.	12:44	.00		
CE4B3	283.	12:37	.87		
E4A	201.	12:46	.62		
E4B1	109.	12:20	.22		
E4B1LO	50.	12:21	.22		2.22
E4B2	168.	12:45	.49		
E4B2LO	151.	12:34	.49		.38
CE4BLO	201.	12:34	.71		
RE4B1H	59.	12:20	.00		
RE4B2H	17.	12:45	.00		
CE4B	235.	12:39	.71		

CE4	774.	12:42	7.33		
R-CE4	539.	15:13	7.33	.0	18.
E5	118.	12:31	.30		
NV1	52.	12:30	.13		
NV3	25.	12:18	.05		
CE5	576.	15:08	7.81		
CEG	1097.	14:41	11.99		
R-CEG	1092.	15:04	11.99	.0	12.
E6	143.	12:26	.33		
CE6	1119.	15:03	12.32		
R-CE6	1108.	15:40	12.32	.0	9.3
E7A	101.	12:24	.22		
CE7A	1121.	15:38	12.54		
R-CE7A	1120.	15:47	12.54	.0	4.4
E7B	101.	12:28	.25		
CE7B	1133.	15:45	12.79		
R-CE7B	1133.	15:54	12.79	.0	4.4
E7C	95.	12:43	.28		
CE7C	1154.	15:51	13.07		
R-CE7C	1153.	16:00	13.07	.0	4.5
CE8	1166.	15:59	13.32		
R-CE8	1165.	16:14	13.32	.0	7.0
E9	183.	12:28	.44		
CE9	1184.	16:13	13.76		
R-CE9	1184.	16:20	13.76	.0	3.7
E10	141.	12:21	.29		
CE10	1197.	16:19	14.05		
R-CE10	1197.	16:23	14.05	.0	3.7
E11	121.	12:18	.23		
CE11	1207.	16:23	14.28		
R-CE11	1207.	16:30	14.28	.0	3.8
E12	180.	12:28	.43		
CE12	1227.	16:29	14.71		
R-CE12	1227.	16:36	14.71	.0	3.9
E13	73.	12:23	.16		
CE13	1234.	16:36	14.87		
R-CE13	1234.	16:45	14.87	.0	4.6
E14	512.	12:37	1.39		
R-E14	171.	14:26	1.39	.0	38.
CE14	1404.	16:45	16.26		

Sacramento Hydrologic Calculator Report

October 12, 2007 11:49

Project Title: ELDER/GERBER CREEK BASINS - PostFVCP
 Comments: ELDER/GERBER CREEK BASINS - PostFVCP CONDS., newly subdivided sheds. With NV1 added
 Prepared by: jdh

Method: Sacramento County HEC-1 method
 Date: 12/13/2005

Watershed Hydrologic Summary Data

Watershed	Area (acres)	Mean Elevation (ft)	Lag Times		Basin "n"		Loss Rates		Percent Impervious	
			Method	Lag Time (min)	Method	Basin "n"	Method	Loss Rate (in/hr)	Method	Impervious Area (%)
G2A	825	85	Basin "n"	-	Computed	-	Computed	-	Computed	-
G2B	413	75	Basin "n"	-	Computed	-	Computed	-	Computed	-
G3A	509.1	67	Basin "n"	-	Computed	-	Computed	-	Computed	-
G3B	78.8	61	Basin "n"	-	Computed	-	Computed	-	Computed	-
G5	210.9	48	Basin "n"	-	Computed	-	Computed	-	Computed	-
E1A	885.2	125	Basin "n"	-	Computed	-	Computed	-	Computed	-
E1C	860.7	100	Basin "n"	-	Computed	-	Computed	-	Computed	-
E1B	881.1	0	Basin "n"	-	Computed	-	Computed	-	Computed	-
E2	650.3	65	Basin "n"	-	Computed	-	Computed	-	Computed	-
E4B1	142	56	Basin "n"	-	Computed	-	Computed	-	Computed	-
E4A	397.9	58	Basin "n"	-	Computed	-	Computed	-	Computed	-
E5	191.5	47	Basin "n"	-	Computed	-	Computed	-	Computed	-
E7A	143.4	44	Basin "n"	-	Computed	-	Computed	-	Computed	-
E8	156.9	40	Basin "n"	-	Computed	-	Computed	-	Computed	-
E9	280.7	36	Basin "n"	-	Computed	-	Computed	-	Computed	-
E10	185.7	32	Basin "n"	-	Computed	-	Computed	-	Computed	-
E11	147.5	30	Basin "n"	-	Computed	-	Computed	-	Computed	-
E12	276.5	25	Basin "n"	-	Computed	-	Computed	-	Computed	-
E13	100.2	24	Basin "n"	-	Computed	-	Computed	-	Computed	-
E14	891.8	20	Basin "n"	-	Computed	-	Computed	-	Computed	-
G3C	181.7	58	Basin "n"	-	Computed	-	Computed	-	Computed	-
E6	209.9	45	Basin "n"	-	Computed	-	Computed	-	Computed	-
E3E	66.5	64	Basin "n"	-	Computed	-	Computed	-	Computed	-
E3C	80.45	68	Basin "n"	-	Computed	-	Computed	-	Computed	-
E3	141.7	7968	Basin "n"	-	Computed	-	Computed	-	Computed	-
E3D	55.537	68	Basin "n"	-	Computed	-	Computed	-	Computed	-
G3DC	22.1	62	Basin "n"	-	Computed	-	Computed	-	Computed	-
G3A1	120.9	59	Basin "n"	-	Computed	-	Computed	-	Computed	-
G3D	156.1	62	Basin "n"	-	Computed	-	Computed	-	Computed	-
G3DB	48.1	55	Basin "n"	-	Computed	-	Computed	-	Computed	-
G4	97	60	Basin "n"	-	Computed	-	Computed	-	Computed	-
G4A	123	56	Basin "n"	-	Computed	-	Computed	-	Computed	-
G3A2	17.4	54	Basin "n"	-	Computed	-	Computed	-	Computed	-
E7B	157.2	40	Basin "n"	-	Computed	-	Computed	-	Computed	-
E7C	181.3	38	Basin "n"	-	Computed	-	Computed	-	Computed	-
E4B2	315.4	56	Basin "n"	-	Computed	-	Computed	-	Computed	-
E4B3	139.4	56	Basin "n"	-	Computed	-	Computed	-	Computed	-
NV1	84.8	49	Basin "n"	-	Computed	-	Computed	-	Computed	-
NV3	30.4	50	Basin "n"	-	Computed	-	Computed	-	Computed	-
E3A	52.7	68	Basin "n"	-	Computed	-	Computed	-	Computed	-
VR	19.7	68	Basin "n"	-	Computed	-	Computed	-	Computed	-
E3B	13.124	68	Basin "n"	-	Computed	-	Computed	-	Computed	-
FBNE	45.1	68	Basin "n"	-	Computed	-	Computed	-	Computed	-

E7C	5610	3500	.0007	Undeveloped				0	0								8.6	16.7			
				Developed				0.1	73.6											0	0
E4B2	9200	4000	.0012	Undeveloped	0		0												49.2		
				Developed	0.2		265														0
F4B3	5000	2500	.0012	Undeveloped	0	0	0													53.7	
				Developed	4.3	2.6	78.7														
NV1	2940	1800	.0009	Undeveloped	0			0		0	0	0								0	15.2
				Developed	4.3			3.4			0.2	0.1	54								
NV3	1700	850	0.001	Undeveloped	0				0		0									0	5.4
				Developed	1.2					4.4		16.9									
E3A	3485	1508	0.0034	Undeveloped																0.6	0.1
				Developed																	
VR	1472	351	0.0041	Undeveloped	0		0				0										0
				Developed	0.387		0.031						19.095								
E3B	1482	723	.0027	Undeveloped	0		0	0													
				Developed	0.208		0.07	12.846													
FBNE	2070	1010	0.0029	Undeveloped	0	0	0	0			0										
				Developed	0.963	29.505	0.53	14.06					0.033								

Refer to the Drainage manual for Land Use Impervious Area Percent

*Dense Oaks, Shrubs, Vines

Infiltration Loss Rate Data

Watershed	Soil Cover Group	Land Use Impervious Area Percent (% or acres)																	
		95	90	85	80	75	70	60	50	40	30	25	20	15	10	5	2	1	1*
G2A	B																		
	C								2.8					5.1	31.1	1.5	89.3		
	D													24	44.4	6.2	620.6		
G2B	B																		
	C				16.13		52.69		22.71							102.25	1.62		
	D				4.12		12.67		57.72	64.08						39.77	39.67		
G3A	B																		
	C	12.9					0.6		69.5		89.1	0.1		9.4	8.7	16			
	D	16.9			2.9		0.3		21.7	111.4	109.1				14.7	25.6			
G3B	B																		
	C												0.2		0.2	2.2			
	D	6.8	5		4.3		7.6		23	7.7			0.5		6.5	14.9			
G5	B																		
	C																		
	D	9.1			13.3				2.9	71.4		35.3		0.4		27.9	50.5		
E1A	B																		0.6
	C												2.2	1.8	80	179.2			
	D												62.9	0.2	12.6	545.7			
E1C	B													1.3					21.9
	C			3.3									15.6	19.2	7.9	190.3			
	D			3.3									126.3		18.6	452.9			
E1B	B																		
	C												2.8						81.5
	D												43.2						753.5
E2	B																		
	C												14.8						121.6
	D	5.8		158.2									5.5	3					341.5
E4B1	B																		
	C																		
	D	1.4		0.5					107.5	30.9									1.8
E4A	B																		
	C	0.9	1.8		4.3					1.9		0.4				0.1	0.9		
	D	31	29.8		27		6.8	5.3	78.6	114.9		9.2		0.2		38.7	46.1		
E5	B																		
	C																		
	D	6			18.9				4.2	128.5		2.1	0.1			16.3	15.4		
E7A	B																		
	C																		
	D	9	0.1		6.2				12.9	79.7	29.9								5.5
E8	B																		
	C																		
	D		1.9	28.1	0.1	13.2				77.6		0.4		13.1	22.6				
E9	B																		
	C																		
	D		14				66.5	7.4		104.2						87.4	1.3		
E10	B																		
	C																		
	D		12.1		8.8				10.7	17.4	128.6					7.9	0.2		
E11	B																		
	C																		
	D		20.6				0.5	32.7	0.2	77.2						16.4	0.1		
E12	B																		
	C																		
	D		31.6				63.9	83.1	3.2	22.5						71.1	1.2		
E13	B																		
	C																		
	D		23.4				19.1		12.4	0.6						44.7			
E14	B																		
	C																		
	D		229.6		71.9		38.6		88.9	395.8						50.9	16.1		
G3C	B																		
	C																		
	D	11.9	4.7		7.4		10.3		69.4	51.8						11.6	14.8		
	B																		
	C																		

E6	C																			
	D	6.6	12.3		21.8				81.8	74.8		2.2					0.3	10.1		
E3E	B																			
	C																			
E3C	D	4.3	0.1	40.7																21.5
	B																			
E3	C			7.378				0.001								0.043				0.028
	D	0.561		69.602												0.668				2.176
E3D	B																			7
	C																			30.7
G3DC	D															5.5				98.4
	B																			
G3A1	C	2.839	0.589					1.605			25.8	0.084				0.144	0.95			1.583
	D	1.796	1.409					10.99			5.016	0.007				0.176	0.621			1.927
G3DB	B																			
	C																			
G4	D	0.3								3						18.8				
	B																			
G3A2	C																			
	D	5.4	25.6		17.8					68.9	0.3	0.2	0.3							2.4
G3D	B																			
	C																			
G3DB	D		5.8					0.6	71.9	29.1	48.6									
	B																			
G4A	C							0.1												
	D		16.8		13.5			16.7								0.1				0.8
G4	B																			
	C																			
G4A	D	1.1						2.7	9.7		51				30					2.5
	B																			
G3A2	C																			
	D																			
E7B	B																			
	C																			
E7C	D					0.1	4.6		0.2	147.2										0.1
	B																			
E4B2	C																			
	D	0.2		265					1	0.1										49.2
E4B3	B																			
	C	0.3		7																
NV1	D	4	2.6	71.7					0.1											53.7
	B																			
NV3	C																			
	D	4.3		3.4				0.2	0.1	54										7.5
E3A	B																			
	C																			
VR	D	1.2					4.4		16.9						0.1					2.5
	B																			
E3B	C															0.1	5.7			17.6
	D														0.6	0.2				28.5
FBNE	B																			
	C																			
E3B	D	0.387																		
	B																			
E3B	C	0.133		0.035	10.579															
	D	0.075		0.035	2.267															
FBNE	B																			
	C	0.316	14.256		10.683						0.033									
FBNE	D	0.647	15.249	0.529	3.378															

Refer to the help file for Land Use Impervious Area Percent
 *Dense Oaks, Shrubs, Vines

Hydrograph Routing – Muskingum–Cunge (Standard)

Routing ID	Route From	Route To	Channel Type	Length (ft)	Slope (ft/ft)	Width or Diameter (ft)	Side Slope (H:V)	Mannings "n"
R-E3CD	CE3D	CE3E	Trapezoidal	3150	.0022	10	4:1	.06
RG4	G4	CG4A	Trapezoidal	2710	.00147	4	3:1	.045
RG3D	G3D	CG3DB	Trapezoidal	2200	.0009	4	4:1	.06
RG3A1	CG3A1	CG3D	Trapezoidal	417	.0020	4	3:1	.0450
RG4A	CG4A	CG3A1	Trapezoidal	1125	.0010	4	3:1	.0450
RG3DC	G3DC	CG3D	Pipe	90	.003	4		.024
RG3DB	CG3DB	CG3D	Trapezoidal	1300	0.003	4	4:1	.06
R-CE3B	CE3B	CE3D	Trapezoidal	2163	0.0027	10	4:1	0.06

Hydrograph Routing - Muskingum-Cunge 8-Point Cross Section

Routing ID	Route From	Route To	Channel Length (ft)	Slope (ft/ft)	Cross Section Geometry								
					Left OB 1	Left OB 2	Left Bank	Channel Point 1	Channel Point 2	Right Bank	Right OB 1	Right OB 2	
R-E1B	E1B	R-RE1B	4000	.0003	Station	0	50	100	104	108	116	166	216
					Elevation	3.7	3	1.2	.6	.4	1.5	3.7	5.5
					Mannings "n"	.06			.035			.06	

Hydrograph Routing -- Modified Puls (Storage)

Routing ID	Route From	Route To	No. Steps	Initial Flow (cfs)	Storage-Discharge Relationship											
					Volume (acre-ft)	0	15.2	27.7	51.6	76	100.8	122.7	145.4	169	191.8	221.6
R-G2A	G2A	CG2	5	0	Volume (acre-ft)	0	50	100	200	300	400	500	600	700	800	900
					Flow (cfs)	0	50	100	200	300	400	500	600	700	800	900
R-CG2	CG2	CG3A	5	0	Volume (acre-ft)	0	2.5	4.5	7.9	11.3	15.2	20.7	24	26	28.1	30
					Flow (cfs)	0	50	100	200	300	400	500	600	700	800	900
R-CG3A	CG3A	CG3B	5	0	Volume (acre-ft)	0	1.9	4.4	10.9	18.9	28.4	40.6	50.6	57.2	63.3	68.6
					Flow (cfs)	0	50	100	200	300	400	500	600	700	800	900
R-CG3B	CG3B	CG3D	5	0	Volume (acre-ft)	0	0.8	1.3	2.8	5.3	7.6	9.2	11	13.1	15.3	18
					Flow (cfs)	0	50	100	200	300	400	500	600	700	800	900
R-CG4	CG3D	CG3	5	0	Volume (acre-ft)	0	2.1	3.8	7	10	13.4	17.1	21.4	27	34.1	41.5
					Flow (cfs)	0	50	100	200	300	400	500	600	700	800	900
R-E1A	E1A	CE1AC	5	0	Volume (acre-ft)	0	11.2	29.2	34.5	42.4	60.3	77.5	93.3	116.1	141.6	171.8
					Flow (cfs)	0	100	300	350	400	500	600	700	800	900	1000
CE1	CE1ABC	R-CE1	5	0	Volume (acre-ft)	0	7.7	35.6	45	60.3	68.5	91.3	115.9	141.2	166.4	190.9
					Flow (cfs)	0	100	300	350	400	500	600	700	800	900	1000
R-CE1	CE1	TMP1	5	0	Volume (acre-ft)	0	5.1	14.2	16.2	18.1	21.7	25.1	28.5	31.7	34.9	41
					Flow (cfs)	0	100	300	350	400	500	600	700	800	900	1000
RCE2A3	CE1A2	CE4	5	0	Volume (acre-ft)	0	7.6	39.9	47.6	55.2	71.4	87.5	102.9	115.6	126.3	136.2
					Flow (cfs)	0	100	300	350	400	500	600	700	800	900	1000
R-CE4	CE4	CE5	5	0	Volume (acre-ft)	0	13.1	44.1	53.5	63.7	83.6	102.7	121.1	139.7	158.4	177.7
					Flow (cfs)	0	100	300	350	400	500	600	700	800	900	1000
R-CEG	CEG	CE6	5	0	Volume (acre-ft)	0	2.8	16.8	31.8	46.4	56.1	62.3	67.1	71.5	75.6	79.5
					Flow (cfs)	0	100	400	600	800	1000	1200	1400	1600	1800	2000
R-CE6	CE6	CE7A	5	0	Volume (acre-ft)	0	5.2	15.4	22.9	31.3	40.9	51.7	64.7	79.7	94.1	110.7
					Flow (cfs)	0	100	400	600	800	1000	1200	1400	1600	1800	2000
R-CE7A	CE7A	CE7B	5	0	Volume (acre-ft)	0	6.1	12.4	15.6	17.9	20.5	23	25.9	30.5	36.4	64.5
					Flow (cfs)	0	100	400	600	800	1000	1200	1400	1600	1800	2000
R-CE8	CE8	CE9	5	0	Volume (acre-ft)	0	7.3	17.3	22.6	27.3	31.7	35.8	39.7	43.2	47.2	56.2
					Flow (cfs)	0	100	400	600	800	1000	1200	1400	1600	1800	2000
R-CE9	CE9	CE10	4	0	Volume (acre-ft)	0	3	7	10	12	13	15	17	19	20	23
					Flow (cfs)	0	100	400	600	800	1000	1200	1400	1600	1800	2000
R-CE10	CE10	CE11	3	0	Volume (acre-ft)	0	2	5	7	8	10	11	13	14	16	17
					Flow (cfs)	0	100	400	600	800	1000	1200	1400	1600	1800	2000
R-CE11	CE11	CE12	5	0	Volume (acre-ft)	0	4	9	12	14	17	19	21	23	25	27
					Flow (cfs)	0	100	400	600	800	1000	1200	1400	1600	1800	2000
R-CE12	CE12	CE13	5	0	Volume (acre-ft)	0	6	9	12	14	17	19	21	23	25	27
					Flow (cfs)	0	100	400	600	800	1000	1200	1400	1600	1800	2000
R-CE13	CE13	CE14	5	0	Volume (acre-ft)	0	8.6	13.7	18.2	22.4	26.4	30.8	34.6	39	64	
					Flow (cfs)	0	300	600	900	1200	1500	1800	2100	2400	2700	
R-E14	E14	CE14	1	0	Volume (acre-ft)	0	2.35	4.71	7.04	100						
					Flow (cfs)	0	56	113	169	175						
R-TMP1	TMP1	CE1A2	5	0	Volume (acre-ft)	0	22.8	74.4	86.6	98.7	122.8	146.6	169.7	193.5	216.8	239.1
					Flow (cfs)	0	100	300	350	400	500	600	700	800	900	1000
R-CE7B	CE7B	CE7C	5	0	Volume (acre-ft)	0	6.1	12.4	15.6	17.9	20.5	23	25.9	30.5	36.4	64.5
					Flow (cfs)	0	100	400	600	800	1000	1200	1400	1600	1800	2000
R-CE7C	CE7C	CE8	5	0	Volume (acre-ft)	0	6.1	12.4	15.6	17.9	20.5	23	25.9	30.5	36.4	64.5
					Flow (cfs)	0	100	400	600	800	1000	1200	1400	1600	1800	2000

