

**SacCalc Model Data**

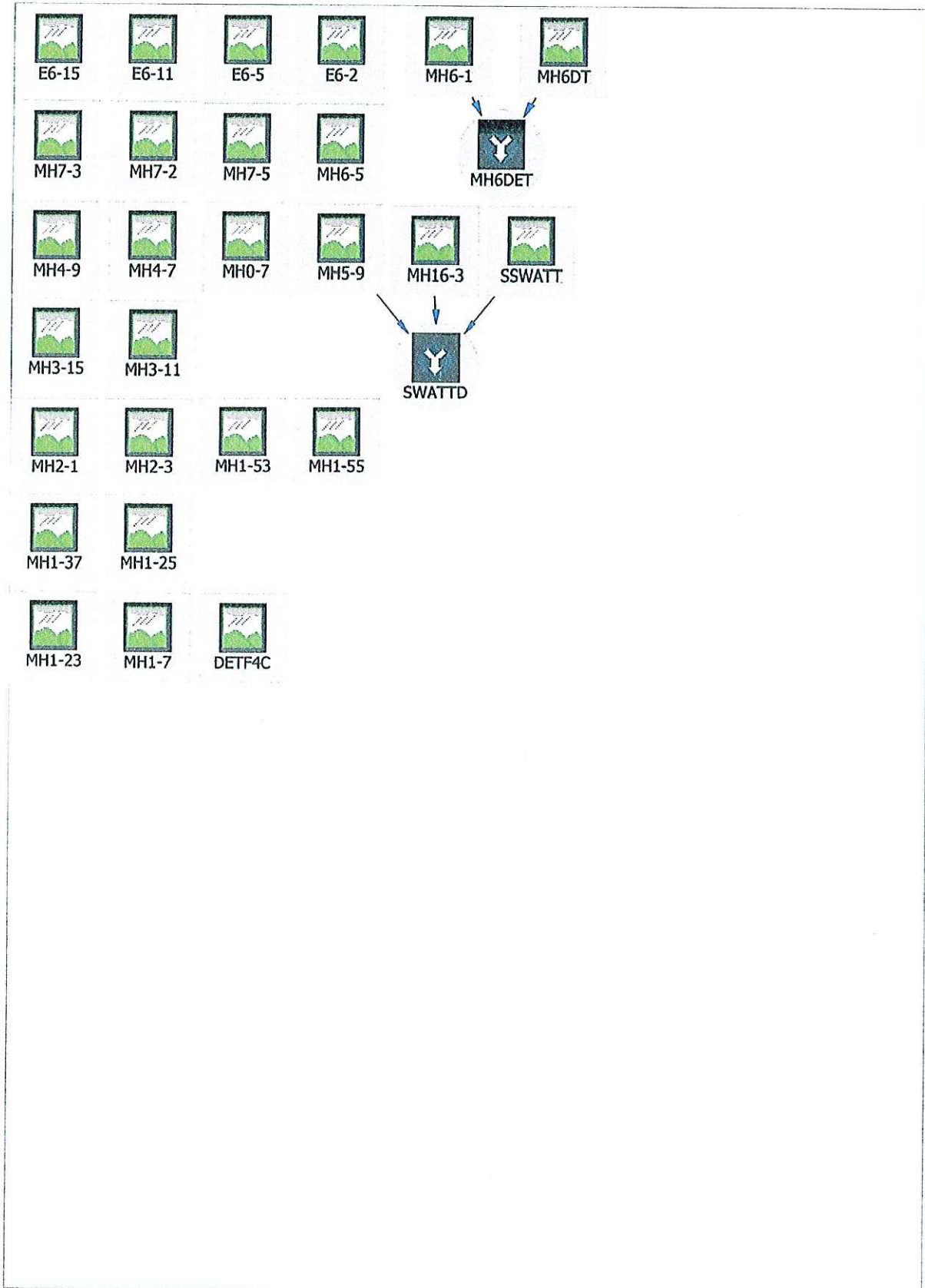
**For**

**Florin Creek – High Density Alternative**

**Model Schematic Layout**

**Peak Flow Summary**

**Report**



View HEC-1 output

**Sacramento method results**  
**(Project: Florin Vineyards High Density Residential Alternative)**  
**(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)
E6-15	56.	12:13	.04			
E6-11	54.	12:13	.04			
E6-5	78.	12:08	.05			
E6-2	68.	12:06	.04			
MH7-3	30.	12:16	.03			
MH7-2	68.	12:11	.05			
MH4-9	35.	12:16	.03			
MH4-7	27.	12:13	.02			
MH3-15	59.	12:13	.05			
MH3-11	41.	12:09	.03			
MH2-1	22.	12:06	.01			
MH2-3	49.	12:18	.05			
MH1-37	65.	12:11	.05			
MH1-25	39.	12:10	.03			
MH1-23	27.	12:07	.02			
MH1-7	49.	12:15	.04			
MH0-7	10.	12:26	.01			
MH5-9	56.	12:13	.05			
MH16-3	42.	12:14	.04			
SSWATT	18.	12:08	.01			
SWATTD	112.	12:13	.09			
DETF4C	24.	12:12	.02			
MH6-5	59.	12:16	.05			
MH7-5	74.	12:11	.06			
MH6DT	17.	12:05	.01			
MH6-1	2.9	12:05	.00			
MH6DET	20.	12:05	.01			
MH1-53	24.	12:07	.01			
MH1-55	36.	12:07	.02			

**(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)
E6-15	38.	12:09	.04			

E6-11	37.	12:10	.04
E6-5	52.	12:06	.05
E6-2	44.	12:04	.04
MH7-3	21.	12:11	.03
MH7-2	46.	12:08	.05
MH4-9	24.	12:12	.03
MH4-7	18.	12:09	.02
MH3-15	40.	12:10	.05
MH3-11	28.	12:07	.03
MH2-1	14.	12:05	.01
MH2-3	33.	12:13	.05
MH1-37	44.	12:08	.05
MH1-25	26.	12:07	.03
MH1-23	18.	12:05	.02
MH1-7	34.	12:11	.04
MH0-7	6.7	12:22	.01
MH5-9	38.	12:09	.05
MH16-3	29.	12:10	.04
SSWATT	12.	12:06	.01
SWATTD	76.	12:09	.09
DETF4C	16.	12:09	.02
MH6-5	41.	12:12	.05
MH7-5	50.	12:08	.06
MH6DT	11.	12:03	.01
MH6-1	1.9	12:03	.00
MH6DET	13.	12:03	.01
MH1-53	16.	12:05	.01
MH1-55	24.	12:05	.02

### Sacramento Hydrologic Calculator Report

May 4, 2007 12:08

Project Title: Florin Vineyards High Density Residential Alternative

Method: Sacramento County HEC-1 method

Comments: FLORIN CREEK NORTH PIPE SHEDS MODEL FOR XP-SWMM

Date: 5/3/2007

Prepared by: Robin Hegedus

#### 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 (%)
E6-15	28.1	54	Basin "n"	-	Computed	-	Computed	-	Computed	-
E6-11	27.8	52	Basin "n"	-	Computed	-	Computed	-	Computed	-
E6-5	32.1	52	Basin "n"	-	Computed	-	Computed	-	Computed	-
E6-2	25.4	54	Basin "n"	-	Computed	-	Computed	-	Computed	-
MH7-3	17	54	Basin "n"	-	Computed	-	Computed	-	Computed	-
MH7-2	33.2	54	Basin "n"	-	Computed	-	Computed	-	Computed	-
MH4-9	20.4	54	Basin "n"	-	Computed	-	Computed	-	Computed	-
MH4-7	13.7	54	Basin "n"	-	Computed	-	Computed	-	Computed	-
MH5-9	28.8	54	Basin "n"	-	Computed	-	Computed	-	Computed	-
MH16-3	22.4	54	Basin "n"	-	Computed	-	Computed	-	Computed	-
MH3-15	31.1	54	Basin "n"	-	Computed	-	Computed	-	Computed	-
MH3-11	18.3	54	Basin "n"	-	Computed	-	Computed	-	Computed	-
MH2-1	8.3	44	Basin "n"	-	Computed	-	Computed	-	Computed	-
MH2-3	29.8	44	Basin "n"	-	Computed	-	Computed	-	Computed	-
MH1-37	31.3	44	Basin "n"	-	Computed	-	Computed	-	Computed	-
MH1-25	18.4	44	Basin "n"	-	Computed	-	Computed	-	Computed	-
MH1-23	11.2	42	Basin "n"	-	Computed	-	Computed	-	Computed	-
MH1-7	27.7	42	Basin "n"	-	Computed	-	Computed	-	Computed	-
MH0-7	7.4	54	Basin "n"	-	Computed	-	Computed	-	Computed	-
SSWATT	7.4	54	Basin "n"	-	Computed	-	Computed	-	Computed	-
MH6DT	5.7	54	Basin "n"	-	Computed	-	Computed	-	Computed	-
DETF4C	12.4	42	Basin "n"	-	Computed	-	Computed	-	Computed	-
MH6-5	34	56	Basin "n"	-	Computed	-	Computed	-	Computed	-
MH7-5	35.3	52	Basin "n"	-	Computed	-	Computed	-	Computed	-
MH6-1	1	50	Basin "n"	-	Computed	-	Computed	-	Computed	-
MH1-53	9.25	46	Basin "n"	-	Computed	-	Computed	-	Computed	-
MH1-55	14.4	46	Basin "n"	-	Computed	-	Computed	-	Computed	-





Infiltration Loss Rate Data		Land Use Impervious Area Percent (% or acres)																		
		Soil Cover Group	95	90	85	80	75	70	60	50	40	30	25	20	15	10	5	2	1	1*
E6-15	B																			
	C																			
	D			27.4													0.8			
E6-11	B																			
	C																			
	D			27.2													0.6			
E6-5	B																			
	C																			
	D			31.6													0.5			
E6-2	B																			
	C																			
	D			24.9						0.4										
MH7-3	B																			
	C																			
	D			0.3					9	7.8										
MH7-2	B																			
	C																			
	D								32.2	1										
MH4-9	B																			
	C																			
	D								1.6	18.8										
MH4-7	B																			
	C																			
	D								13.3	0.3										
MH5-9	B																			
	C																			
	D				1.6				20	7.2										
MH16-3	B																			
	C																			
	D		0.1	7.5	1.1	5			8.8											
MH3-15	B																			
	C																			
	D								15.9	15.2										







