

SWAT Model Results: Instream Nitrogen and Total Suspended Solids by Reach

Cypress Creek Project

3/24/14

TR K

Appendix: SWAT Model Results

Appendix B. SWAT Model Results: Nitrogen and Total Suspended Solids Loading by Reach

Table B 1. SWAT Model Results: Nitrogen and Total Suspended Solids Loading by Reach

Stream Number	Seq Num	SWAT Subwatershed ID	Q_cmd m3/day	TSS (tons/yr)	TSS Concentration mg/L per year	Total Nitrogen kg/year	Nitrogen Concentration in mg/L per year
284	1	2	1260.6	69.5	137.1	761.6	1.7
84	2	4	607.3	24.2	99	360.5	1.6
154	3	6	168.5	5.3	78.2	76.73	1.2
194	4	7	857.3	39.9	115.8	514	1.6
164	5	9	685.6	26.3	95.4	316.9	1.3
214	6	10	1881.8	69.7	92.1	860.6	1.3
254	7	12	837.7	27.7	82.3	332.8	1.1
234	8	14	764.9	22.4	72.8	290.7	1.0
224	9	15	1055.8	26.4	62.1	345.4	0.9
74	10	17	725.5	9.1	31.2	145.9	0.6
114	11	19	312.5	8.3	66.1	108.4	0.9
34	12	21	487.5	20.0	102.1	229.7	1.3
64	13	23	507.7	1.2	5.8	48.6	0.3
24	14	25	806.2	20.0	61.6	270.2	0.9
94	15	26	1235.5	25.6	51.5	362.7	0.8
144	16	27	2594.6	95.5	91.5	1125	1.2
104	17	29	1178.5	40.5	85.4	512.9	1.2
124	18	30	3731.6	135.9	90.5	1641	1.2

14	19	32	677.6	27.3	100.1	460.6	1.9
44	20	34	233.6	7.5	80	98.44	1.2
54	21	35	967.7	37.3	95.7	585.6	1.7
134	22	36	4518.7	186.2	102.4	2300.7	1.4
174	23	37	4456.5	195	108.8	2398.6	1.5
204	24	38	5067.4	204	100.1	2537	1.4
244	25	39	5877.8	230.4	97.4	2872.8	1.3
274	26	40	6543.9	259.5	98.6	3217	1.3
264	27	41	7307.7	269.1	91.5	3424	1.3
294	28	42	9590.4	358.5	92.9	4535	1.3
184	29	44	1074	36.7	84.9	430.9	1.1
304	30	45	12044.2	451.7	93.2	5959	1.4
314	31	46	13936.3	576.2	102.8	7227	1.4