

Attachment B-3 Chollas Creek 2000-2001 Diazinon Concentration, Mass Loading and Flow

Date	Station	Mass Load Total ug Diazinon pure product per storm	Mass Load Total g Diazinon pure product	Mass Load Total ounces Diazinon pure product	Mass Load Total tablespoons Diazinon pure product	Mass Load Total tablespoons per day of Diazinon at 2% formulated product	Total cubic feet (CF) per storm	Total Mass Load in micrograms of Diazinon pure product per storm for a 0.05 micrograms per liter (50 ng/l) chronic toxicity	Total Mass Load in grams of Diazinon pure product per storm for a 50 Nanograms per liter (50 ng/l) chronic toxicity	Total Mass Load in ounces Diazinon pure product for chronic toxicity	Total Mass Load in tablespoons Diazinon pure product per storm for chronic toxicity	Total Mass Load in tablespoons 2% Diazinon per storm for chronic toxicity	Total liters per storm	Average cubic feet per second (CFS) per storm	Average liter per second	Measured Diazinon ug/l	Calculated reduction in Diazinon to reach acute numeric target of 0.5 ug/l	# of Tablespoons to exceed numeric target of 0.05 ug/l
1/8/2001	SD8(1)	13,705,866	13.71	0.48	0.242	12.09	621910	880,624	0.88	0.03	0.0155	0.78	17612488	3.35	95	0.778	15.57	0.78
1/8/2001	SD8(2)	5,799,866	5.80	0.20	0.102	5.11	385592	545,998	0.55	0.02	0.0096	0.48	10919951	18.63	528	0.531	10.62	0.48
1/8/2001	SD8(3)	2,635,609	2.64	0.09	0.046	2.32	144982	205,294	0.21	0.01	0.0036	0.18	4105879	12.39	351	0.642	12.84	0.18
1/8/2001	SD8(5)	3,073,006	3.07	0.11	0.054	2.71	134214	190,047	0.19	0.01	0.0034	0.17	3800949	5.74	162	0.809	16.17	0.17
1/8/2001	SD8(6)	851,354	0.85	0.03	0.015	0.75	57444	81,340	0.08	0.00	0.0014	0.07	1626800	3.99	113	0.523	10.47	0.07
1/8/2001	DPR(1)	49,517,206	49.52	1.75	0.873	43.67	2213870	3,134,839	3.13	0.11	0.0553	2.76	62696784	64.73	1833	0.790	15.80	2.76
1/8/2001	DPR(2)	2,325,832	2.33	0.08	0.041	2.05	158783	224,836	0.22	0.01	0.0040	0.20	4496720	3.92	111	0.517	10.35	0.20
1/8/2001	DPR(3)	1,430,753	1.43	0.05	0.025	1.26	136231	192,902	0.19	0.01	0.0034	0.17	3858049	16.40	464	0.371	7.42	0.17
1/8/2001	DPR(4)	741,136	0.74	0.03	0.013	0.65	45123	63,895	0.06	0.00	0.0011	0.06	1277892	1.25	35	0.593	11.86	0.06
Average					0.16	7.85								14.49				0.54
2/13-14/2001	SD8(1)	46,678,248	46.68	1.65	0.823	41.16	6923461	9,803,620	9.80	0.35	0.1729	8.65	196072404	51.98	1472	0.238	4.76	8.64
2/13-14/2001	SD8(2)	7,150,557	7.15	0.25	0.126	6.31	733877	1,039,170	1.04	0.04	0.0183	0.92	20783399	19.41	550	0.344	6.88	0.92
2/13-14/2001	SD8(3)	693,708	0.69	0.02	0.012	0.61	119448	169,138	0.17	0.01	0.0030	0.15	3382767	3.59	102	0.205	4.10	0.15
2/13-14/2001	SD8(5)	272,823	0.27	0.01	0.005	0.24	44116	62,468	0.06	0.00	0.0011	0.06	1249353	24.79	702	0.218	4.37	0.06
2/13-14/2001	SD8(6)	3,269,306	3.27	0.12	0.058	2.88	281536	398,655	0.40	0.01	0.0070	0.35	7973105	9.48	268	0.410	8.20	0.35
2/13-14/2001	DPR(1)	28,239,941	28.24	1.00	0.498	24.90	3606922	5,107,401	5.11	0.18	0.0901	4.50	102148028	114.51	3243	0.277	5.53	4.50
2/13-14/2001	DPR(2)	2,598,186	2.60	0.09	0.046	2.29	198436	280,985	0.28	0.01	0.0050	0.25	5619696	5.51	156	0.462	9.25	0.25
2/13-14/2001	DPR(3)	1,351,962	1.35	0.05	0.024	1.19	6923461	9,803,620	9.80	0.35	0.1729	8.65	196072404	49.00	1388	0.075	1.50	0.80
2/13-14/2001	DPR(4)	34,249,871	34.25	1.21	0.604	30.20	3755228	5,317,403	5.32	0.19	0.0938	4.69	106348068	36.28	1028	0.322	6.44	4.69
Average					0.24	12.20								34.95				2.26