

Appendix D
Constituent Loading Summary

Appendix D-1
Agua Hedionda Mass Emission Station
Constituent Loading Summary

Agua Hedionda Mass Emission Station Loading Summary – Enterococcus (G-org)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	1.6	17,725.7	4.7	9.4	27.5	2.6	4.0	5.2	3.3	2.6	1.4	6.0
2	2.2	1,872.3	5.3	9.8	25.0	4.6	4.1	1.6	2.7	2.3	1.1	5.1
3	2.2	1,472.0	7.9	3,533.9	23.6	3.9	4.1	1.6	2.4	2.5	1.4	4.9
4	2.0	18.1	11.1	5,453.6	21.5	3.8	3.3	0.9	2.8	2.9	7.1	4.1
5	1.9	17.5	31,138.7	1,398.6	20.8	3.2	3.8	1.9	2.6	2.5	4.8	5.8
6	1.8	19.9	9,674.6	853.1	19.0	3.4	2.9	2.3	2.3	2.4	4.4	6.3
7	1.6	11,204.6	109,275.1	17.0	17.6	5.0	3.9	1.6	2.4	5.9	4.5	5.8
8	1.4	4,950.6	4,142.0	11.7	16.9	2.2	4.1	1.7	2.1	2.3	4.6	5.4
9	1.5	3,408.3	2,718.2	15.9	16.2	2.8	3.1	1.9	1.8	2.2	4.1	6.1
10	1.8	910.7	1,908.9	14.6	15.1	3.9	4.5	1.9	2.2	2.2	3.1	6.3
11	2.4	745.7	17.2	22.1	14.4	4.8	4.0	2.1	1.6	2.1	2.6	3.8
12	6.1	563.2	10.2	11.9	13.7	4.8	2.3	2.3	2.4	1.9	2.0	3.1
13	5.9	6.0	9.9	19.5	13.0	3.7	4.3	2.0	2.4	1.4	2.8	4.0
14	5.6	7.5	9.8	8,133.1	12.7	4.9	4.0	2.2	2.4	2.1	2.7	2.3
15	5.2	3.7	11.1	1,773.8	12.2	3.3	4.2	2.4	2.2	2.3	3.2	6.7
16	4.6	5.2	9.9	1,142.2	11.0	2.8	5.6	2.6	2.6	2.1	1.9	3.8
17	4.7	12.1	5.9	1,085.7	9.4	4.1	5.8	2.7	2.1	1.9	2.4	3.8
18	4.4	1,093.7	5.5	15.9	9.8	3.7	6.0	2.8	2.5	2.1	2.7	3.9
19	4.3	5,332.4	5.1	16.3	10.9	3.1	6.1	2.9	1.7	1.4	2.4	4.1
20	4.2	863.0	5.4	3,854.9	11.0	1.8	3.9	3.3	2.0	1.4	1.8	4.0
21	4.8	3,358.2	13.3	1,969.2	10.7	2.1	3.7	3.6	3.4	1.4	1.8	3.5
22	4.9	460.7	6.7	54,071.2	10.8	2.3	2.9	3.5	2.2	1.4	1.7	4.3
23	4.6	5.6	5,694.2	6,357.2	11.4	2.5	26.6	3.3	2.3	1.6	1.8	3.9
24	5.1	5.9	8,116.5	9,103.2	10.4	2.6	15.5	2.4	2.7	1.7	2.1	3.3
25	4.5	4.9	1,140.5	3,758.3	10.2	3.1	5.6	2.3	2.4	1.6	2.2	3.0
26	5.5	4.4	837.8	3,417.9	9.6	3.4	4.4	2.3	2.0	1.8	2.4	2.9
27	4.3	4.6	13,739.2	3,012.9	10.0	4.4	4.5	2.6	2.0	1.4	2.1	3.2
28	5.4	6.5	4,750.0	2,658.4	8.3	4.1	3.9	2.9	0.8	1.3	1.7	3.3
29	3.6	6.7	2,119.8	29.9	8.2	3.9	4.1	3.3	3.4	1.2	10.4	3.8
30	101,810.3	6.6	1,150.3		9.7	2.1	4.5	3.7	1.7	1.6	7.3	3.4
31		4.9	806.0		8.0		4.4		2.6	1.6		4.0
Total	101,919	54,101	197,351	111,771	429	103	164	76.1	71.8	63.2	94.3	134

Agua Hedionda Mass Emission Station Loading Summary – Fecal Coliform (G-org)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	5.9	10,704.9	4.4	8.8	25.6	5.9	9.0	11.6	7.4	9.9	5.5	21.5
2	7.8	1,130.7	5.0	9.1	23.3	10.2	9.2	3.5	6.0	8.8	4.3	18.1
3	7.9	889.0	7.3	5,889.9	22.0	8.7	9.2	3.6	9.1	9.7	5.5	17.6
4	7.3	16.9	10.4	3,293.5	20.0	8.4	7.3	2.1	10.6	11.0	27.3	14.7
5	6.7	16.3	19,900.5	844.6	19.4	7.1	8.4	4.2	10.0	9.5	18.4	20.9
6	6.3	18.6	13,278.9	515.2	17.7	7.6	6.4	5.2	8.8	9.2	16.9	22.6
7	5.7	6,766.7	29,420.2	13.9	16.4	20.0	8.6	3.7	9.3	22.8	17.2	23.9
8	5.1	2,989.8	2,501.4	6.6	15.8	7.0	9.1	3.8	8.0	8.9	17.5	59.6
9	5.5	2,058.4	1,641.6	14.8	15.1	4.9	7.0	4.3	7.1	8.5	15.6	12.0
10	6.6	550.0	1,152.9	13.6	14.1	8.7	10.1	4.3	8.5	8.5	11.9	22.6
11	8.7	450.3	16.1	23.4	13.5	10.7	8.9	4.8	6.1	8.0	9.8	13.6
12	21.7	340.1	9.6	13.9	12.8	10.8	5.1	5.1	9.1	7.3	7.5	11.3
13	21.1	5.6	9.2	14.3	12.2	8.4	9.6	4.5	9.3	5.5	10.6	9.0
14	20.0	7.0	9.2	4,911.7	11.8	6.6	8.9	5.0	9.1	7.9	10.4	6.4
15	18.4	3.4	10.3	1,071.2	11.4	4.0	9.5	5.4	8.6	8.8	12.4	14.7
16	16.6	4.9	9.3	689.8	10.2	5.8	12.5	5.9	10.0	8.1	7.2	13.5
17	17.0	11.3	5.5	655.7	8.7	9.2	13.0	6.1	8.0	7.5	9.1	13.7
18	15.9	660.5	5.1	14.8	9.2	8.4	13.5	6.3	9.7	7.9	10.2	13.9
19	15.3	3,220.3	4.8	20.8	10.1	6.9	13.7	6.6	6.3	5.4	9.2	14.6
20	14.9	521.2	5.1	2,328.1	10.2	4.0	8.7	7.4	7.6	5.4	6.9	14.2
21	17.1	2,028.1	12.4	1,189.3	10.0	4.6	8.2	8.1	24.8	5.5	6.9	12.6
22	17.6	278.2	6.2	32,654.8	10.1	5.2	6.5	7.9	9.2	5.4	6.4	15.3
23	16.5	5.3	2,593.1	3,839.2	10.7	5.6	59.5	7.3	5.1	6.1	6.9	14.0
24	18.2	5.5	4,058.3	5,497.7	9.7	5.8	34.7	5.3	10.3	6.5	8.1	11.8
25	16.2	4.6	688.8	2,269.7	9.5	6.9	12.5	5.1	9.2	6.3	8.3	10.8
26	19.7	4.1	506.0	2,064.2	8.9	7.7	9.8	5.1	7.8	6.9	9.2	10.3
27	15.6	4.3	8,297.4	1,819.5	9.3	9.9	10.0	5.9	7.6	5.5	8.1	11.6
28	19.5	6.0	2,868.7	1,605.5	7.8	9.1	8.8	6.5	3.6	4.8	6.7	11.9
29	12.9	6.2	1,280.2	27.9	7.6	8.8	9.3	7.5	3.4	4.4	37.2	13.6
30	61,485.5	6.1	694.7		9.0	4.7	10.0	8.2	4.7	6.3	26.0	12.0
31		4.6	486.8		7.5		9.9		9.9	6.3		14.2
Total	61,873	32,719	89,499	71,322	400	232	367	170	264	243	357	496

Agua Hedionda Mass Emission Station Loading Summary – Total Coliform (G-org)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	11.9	59,020.8	8.4	16.5	48.3	14.2	21.7	28.1	17.9	18.6	10.3	43.4
2	15.7	6,234.1	9.4	17.2	44.0	24.7	22.3	8.4	14.5	16.5	8.1	36.6
3	16.0	4,901.4	13.8	35,339.3	41.5	21.1	22.2	8.8	17.2	18.3	10.3	35.6
4	14.8	31.8	19.6	18,158.6	37.8	20.4	17.7	5.1	20.0	20.8	51.4	29.6
5	13.5	30.8	188,504.5	4,656.8	36.5	17.2	20.3	10.1	18.8	17.8	34.7	42.2
6	12.8	35.0	47,424.5	2,840.6	33.4	18.5	15.6	12.5	16.6	17.3	31.7	45.6
7	11.5	37,307.9	71,449.1	29.6	31.0	50.9	20.9	8.9	17.5	43.0	32.4	69.7
8	10.2	16,483.8	13,791.4	17.7	29.7	28.1	22.1	9.3	15.0	16.8	33.0	79.3
9	11.0	11,348.6	9,050.7	28.0	28.5	17.0	16.9	10.4	13.3	16.0	29.4	32.8
10	13.3	3,032.3	6,356.2	25.6	26.6	21.0	24.4	10.4	15.9	16.1	22.4	45.7
11	17.5	2,482.8	30.3	28.1	25.4	26.0	21.6	11.6	11.4	15.0	18.5	27.5
12	44.0	1,875.3	18.0	30.0	24.1	26.2	12.4	12.3	17.1	13.7	14.2	22.8
13	42.8	10.6	17.4	33.0	22.9	20.3	23.2	10.8	17.5	10.4	19.9	21.6
14	40.5	13.2	17.3	27,080.5	22.3	9.0	21.5	12.1	17.2	14.8	19.6	11.0
15	37.3	6.5	19.5	5,906.0	21.5	4.1	22.9	13.0	16.2	16.6	23.3	35.5
16	33.5	9.2	17.5	3,803.3	19.3	8.9	30.3	14.3	18.7	15.3	13.6	27.3
17	34.3	21.2	10.5	3,615.1	16.5	22.3	31.6	14.8	15.1	14.1	17.2	27.7
18	32.1	3,641.6	9.6	28.0	17.3	20.3	32.6	15.3	18.2	14.8	19.2	28.1
19	31.0	17,755.2	9.0	37.7	19.1	16.7	33.2	15.9	11.9	10.2	17.4	29.5
20	30.1	2,873.4	9.5	12,835.6	19.3	9.7	21.1	17.9	14.2	10.2	12.9	28.8
21	34.5	11,181.6	23.3	6,556.9	18.8	11.1	19.8	19.7	24.9	10.3	13.0	25.4
22	35.7	1,533.8	11.8	180,039.8	19.0	12.7	15.8	19.2	14.3	10.1	12.0	30.9
23	33.4	9.9	6,133.7	21,167.3	20.1	13.6	144.1	17.8	15.0	11.5	12.9	28.2
24	36.9	10.4	52,177.6	30,310.9	18.3	14.1	84.0	12.9	19.3	12.3	15.2	23.9
25	32.7	8.7	3,797.4	12,513.9	17.9	16.6	30.2	12.4	17.3	11.9	15.6	21.9
26	39.8	7.8	2,789.6	11,380.7	16.8	18.6	23.8	12.3	14.7	13.1	17.3	20.9
27	31.5	8.0	45,747.3	10,031.8	17.6	24.0	24.3	14.2	14.3	10.4	15.3	23.4
28	39.4	11.4	15,816.1	8,851.6	14.7	22.1	21.2	15.8	17.9	9.1	12.6	24.1
29	26.0	11.7	7,058.1	52.6	14.3	21.3	22.4	18.1	12.7	8.3	75.2	27.5
30	338,995.7	11.5	3,830.0		17.0	11.4	24.2	20.0	15.1	11.9	52.6	24.2
31		8.7	2,683.8		14.2		23.9		18.7	11.9		28.8
Total	339,779	179,919	476,855	395,433	754	562	888	413	509	457	681	999

Agua Hedionda Mass Emission Station Loading Summary – TDS (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	3,749	222,468	14,649	28,990	84,711	9,465	14,454	18,744	11,930	3,698	2,049	13,691
2	4,946	23,499	16,499	30,210	77,109	16,477	14,858	5,605	9,631	3,283	1,608	11,553
3	5,052	18,475	24,229	150,626	72,765	14,088	14,791	5,845	3,415	3,638	2,051	11,217
4	4,670	55,828	34,346	68,446	66,248	13,616	11,791	3,370	3,984	4,134	10,235	9,346
5	4,261	53,954	295,001	17,553	64,076	11,471	13,557	6,734	3,738	3,543	6,904	13,316
6	4,028	61,462	159,875	10,707	58,646	12,328	10,385	8,345	3,303	3,449	6,315	14,390
7	3,630	140,625	555,947	39,092	54,302	14,161	13,958	5,953	3,490	8,546	6,442	16,449
8	3,229	62,133	51,984	51,051	52,130	13,039	14,738	6,168	2,990	3,334	6,562	14,861
9	3,482	42,777	34,115	49,090	49,958	12,411	11,249	6,933	2,656	3,176	5,858	11,636
10	4,190	11,430	23,958	44,972	46,700	13,959	16,273	6,903	3,170	3,198	4,462	14,426
11	5,535	9,359	53,120	59,248	44,528	17,322	14,397	7,700	2,272	2,990	3,674	8,686
12	13,872	7,069	31,588	56,222	42,356	17,458	8,241	8,203	3,393	2,727	2,826	7,185
13	13,488	18,561	30,438	48,040	40,183	13,528	15,482	7,186	3,477	2,068	3,966	9,474
14	12,776	23,226	30,282	102,075	39,097	12,145	14,299	8,080	3,424	2,953	3,895	9,646
15	11,766	11,351	34,215	22,262	37,779	11,223	15,252	8,681	3,217	3,300	4,637	9,110
16	10,565	16,107	30,683	14,336	33,791	12,224	20,188	9,551	3,729	3,039	2,706	8,619
17	10,821	37,226	18,348	13,627	28,883	14,883	21,051	9,872	3,013	2,797	3,419	8,726
18	10,111	13,727	16,821	49,074	30,349	13,531	21,728	10,188	3,625	2,947	3,820	8,865
19	9,781	66,925	15,839	56,727	33,472	11,150	22,106	10,613	2,372	2,028	3,456	9,308
20	9,497	10,831	16,705	48,382	33,802	6,485	14,042	11,953	2,834	2,035	2,568	9,078
21	10,894	42,147	40,904	24,715	32,988	7,412	13,219	13,136	2,718	2,047	2,586	8,012
22	11,247	5,781	20,628	678,628	33,313	8,469	10,549	12,809	3,823	2,012	2,395	9,736
23	10,548	17,395	63,600	79,786	35,222	9,075	96,041	11,860	3,737	2,296	2,575	8,907
24	11,636	18,253	54,816	114,252	32,106	9,407	55,934	8,625	3,845	2,437	3,017	7,547
25	10,309	15,227	14,314	47,169	31,418	11,078	20,143	8,262	3,432	2,361	3,107	6,901
26	12,560	13,604	10,515	42,897	29,552	12,369	15,877	8,202	2,933	2,597	3,441	6,579
27	9,927	14,110	172,436	37,813	30,849	16,013	16,174	9,477	2,838	2,070	3,035	7,382
28	12,431	19,987	59,616	33,365	25,709	14,709	14,142	10,503	3,402	1,806	2,509	7,595
29	8,214	20,550	26,604	92,313	25,143	14,183	14,944	12,050	3,148	1,656	23,734	8,659
30	1,277,785	20,249	14,437		29,900	7,564	16,098	13,294	3,696	2,372	16,577	7,648
31		15,184	10,116		24,821		15,934		3,712	2,367		9,072
Total	1,525,003	1,109,520	1,976,627	2,111,668	1,321,905	371,245	591,895	274,845	116,950	90,906	150,429	307,621

Agua Hedionda Mass Emission Station Loading Summary – TSS (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	10	83,189	46	92	269	6	9	11	7	12	7	36
2	13	8,787	52	96	245	10	9	3	6	11	5	30
3	13	6,909	77	55,835	231	8	9	3	11	12	7	29
4	12	177	109	25,594	210	8	7	2	13	14	34	24
5	11	171	43,617	6,564	203	7	8	4	12	12	23	35
6	11	195	12,160	4,004	186	7	6	5	11	11	21	38
7	9	52,585	174,197	73	172	5	8	4	12	28	21	34
8	8	23,234	19,439	173	165	8	9	4	10	11	22	24
9	9	15,996	12,757	156	158	3	7	4	9	10	19	26
10	11	4,274	8,959	143	148	8	10	4	10	11	15	38
11	14	3,500	168	81	141	10	9	5	7	10	12	23
12	36	2,643	100	228	134	10	5	5	11	9	9	19
13	35	59	97	307	127	8	9	4	11	7	13	55
14	33	74	96	38,170	124	17	9	5	11	10	13	12
15	31	36	108	8,324	120	1	9	5	11	11	15	20
16	28	51	97	5,361	107	10	12	6	12	10	9	22
17	28	118	58	5,095	92	9	13	6	10	9	11	23
18	26	5,133	53	156	96	8	13	6	12	10	13	23
19	26	25,026	50	141	106	7	13	6	8	7	11	24
20	25	4,050	53	18,092	107	4	8	7	9	7	8	24
21	28	15,760	130	9,242	105	4	8	8	2	7	9	21
22	29	2,162	65	253,763	106	5	6	8	5	7	8	25
23	28	55	46,429	29,835	112	5	57	7	24	8	8	23
24	30	58	8,719	42,723	102	6	33	5	13	8	10	20
25	27	48	5,352	17,638	100	7	12	5	11	8	10	18
26	33	43	3,932	16,041	94	7	10	5	10	9	11	17
27	26	45	64,480	14,140	98	10	10	6	9	7	10	19
28	32	63	22,293	12,476	82	9	8	6	28	6	8	20
29	21	65	9,948	293	80	8	9	7	2	5	62	23
30	477,810	64	5,398		95	5	10	8	9	8	43	20
31		48	3,783		79		10		12	8		24
Total	478,454	254,617	442,825	564,835	4,192	221	354	164	329	300	468	787

Appendix D-2
Buena Vista Mass Emission Station
Constituent Loading Summary

Buena Vista Mass Emission Station Loading Summary – Enterococcus (G-org)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	13	166,627	8	39	65	4	3	3	20	13	14	9
2	14	5,156	8	44	62	4	3	3	20	13	14	9
3	14	1,913	8	109,033	54	4	3	3	19	12	14	10
4	15	13	9	34,772	51	4	3	3	18	14	17	10
5	16	12	169,621	7,311	58	4	3	3	20	16	17	58
6	16	12	30,063	5,127	54	4	3	3	21	13	16	9
7	17	83,751	667,997	45	50	1	3	3	20	13	17	9
8	18	18,195	10,537	43	52	4	3	4	21	13	12	9
9	18	17,958	5,340	41	52	4	3	4	26	13	11	9
10	15	1,630	4,521	41	49	7	3	3	21	13	11	9
11	13	1,173	41	17	48	4	3	3	21	14	11	9
12	15	7	37	43	52	4	3	3	21	13	11	8
13	12	7	34	49	55	4	3	3	21	13	11	8
14	11	7	48	74,093	59	4	3	3	24	14	12	8
15	10	7	10	10,148	56	4	3	4	11	15	7	8
16	12	7	43	5,450	59	4	3	4	24	14	9	11
17	14	7	24	5,297	46	3	3	5	25	14	6	14
18	14	2,067	20	48	49	3	3	5	26	13	12	17
19	14	65,061	19	49	48	3	4	4	27	16	11	21
20	13	2,758	19	36,622	51	3	3	4	22	17	10	24
21	13	17,091	26	8,119	47	3	3	4	25	13	12	21
22	11	970	31	292,843	48	3	3	4	24	14	14	23
23	11	7	20,924	19,453	45	3	20	5	13	14	16	17
24	8	8	27,005	68,790	47	3	20	5	14	14	10	15
25	7	7	4,963	14,408	49	3	3	4	14	14	10	15
26	8	7	6,325	9,296	50	3	3	4	14	15	10	17
27	8	7	250,594	8,121	52	3	3	4	14	15	11	17
28	8	5	64,816	7,828	33	3	3	4	14	16	14	16
29	9	8	11,088	68	7	3	3	19	15	15	18	16
30	479,189	7	6,903		10	3	3	19	16	14	10	17
31		7	45		6		3		15	15		16
Total	479,553	384,493	1,281,125	717,239	1,465	109	135	144	607	436	368	458

Buena Vista Mass Emission Station Loading Summary – Fecal Coliform (G-org)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	32	187,936	11	54	89	26	9	10	59	40	42	22
2	33	5,816	11	59	85	11	9	10	61	38	42	22
3	33	2,158	11	32,068	73	11	10	10	58	38	42	24
4	36	17	12	39,219	69	12	10	10	55	44	52	23
5	39	16	104,482	8,246	80	12	10	10	59	48	50	141
6	40	17	13,263	5,782	74	12	9	10	62	40	49	22
7	40	94,461	87,894	171	68	9	9	10	59	40	52	21
8	43	20,522	11,884	43	71	4	9	10	64	40	30	21
9	44	20,254	6,023	56	71	5	10	10	78	40	28	21
10	36	1,838	5,100	56	67	4	9	9	65	39	27	22
11	32	1,323	56	36	66	11	10	9	63	41	26	21
12	35	10	50	59	71	11	10	9	64	38	27	20
13	28	10	47	66	75	10	10	10	65	39	27	19
14	25	10	38	83,568	81	11	10	10	45	42	28	18
15	24	10	9	11,446	76	12	10	11	83	45	10	19
16	30	10	15	6,147	80	11	10	11	55	43	19	27
17	34	10	32	5,974	63	10	10	14	76	41	34	33
18	34	2,331	28	65	66	10	10	14	79	41	29	40
19	34	73,381	25	67	66	10	10	12	80	48	27	51
20	30	3,110	27	41,305	70	10	10	12	67	51	25	59
21	30	19,277	35	9,157	65	10	10	12	116	40	29	52
22	27	1,094	42	330,292	65	10	9	12	57	41	28	55
23	28	10	79,542	21,941	61	9	58	14	17	42	34	41
24	18	10	318	77,587	64	10	59	13	43	42	24	36
25	17	10	5,598	16,251	66	10	9	12	43	43	23	37
26	19	10	7,134	10,485	69	10	9	12	42	46	24	41
27	19	9	282,640	9,159	71	9	9	12	42	44	26	42
28	20	7	73,104	8,829	45	9	10	13	42	47	33	39
29	21	11	12,506	93	22	9	9	57	44	46	44	39
30	540,469	10	7,785		29	10	9	58	48	44	24	40
31		10	62		40		9		45	44		39
Total	541,347	433,697	697,784	718,285	2,056	305	393	424	1,836	1,315	956	1,105

Buena Vista Mass Emission Station Loading Summary – Total Coliform (G-org)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	70	700,186	42	197	326	26	25	27	82	55	59	49
2	72	21,668	40	218	312	29	26	27	86	53	59	49
3	73	8,040	41	513,096	268	31	26	27	81	53	59	52
4	79	63	45	146,117	253	33	27	27	77	61	73	52
5	86	59	1,069,835	30,722	292	34	26	27	83	68	70	312
6	88	61	132,631	21,543	271	32	25	27	87	57	68	50
7	88	351,929	878,943	225	249	28	25	27	83	56	73	47
8	94	76,457	44,276	150	260	32	25	28	89	56	66	46
9	97	75,460	22,439	206	259	34	26	28	110	56	62	47
10	81	6,849	19,000	207	247	28	26	26	90	55	59	48
11	70	4,930	204	85	241	30	27	26	88	57	57	47
12	78	37	184	216	259	29	27	26	89	54	60	44
13	62	36	172	243	274	28	26	26	90	54	61	42
14	57	37	223	311,347	297	30	26	28	45	58	62	41
15	53	35	84	42,644	278	32	27	29	83	63	43	42
16	67	35	235	22,903	293	30	27	30	69	60	59	59
17	75	36	118	22,257	231	26	26	38	106	58	57	73
18	76	8,686	101	238	244	27	26	38	110	57	64	89
19	76	273,393	93	245	240	27	28	32	112	67	59	114
20	68	11,588	97	153,890	256	26	27	32	93	71	56	130
21	67	71,818	128	34,116	236	26	27	33	153	56	65	114
22	60	4,076	155	1,230,559	239	26	26	32	92	57	63	121
23	61	37	94,950	81,745	223	26	158	37	59	59	59	91
24	41	38	8,765	289,065	235	27	161	36	61	59	57	80
25	37	36	20,857	60,545	242	27	25	34	60	60	52	83
26	41	35	26,579	39,065	251	26	25	32	58	65	54	91
27	41	32	1,053,024	34,125	262	25	25	34	58	61	58	93
28	45	25	272,362	32,894	164	25	26	34	59	65	72	86
29	46	40	46,593	342	59	25	25	79	62	64	97	87
30	2,013,605	37	29,005		78	26	25	80	66	61	53	89
31		37	226		77		26		62	61		86
Total	2,015,554	1,615,799	3,721,448	3,069,202	7,416	851	1,073	1,006	2,545	1,836	1,855	2,453

Buena Vista Mass Emission Station Loading Summary – TSS (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	178	505,229	62	295	489	348	549	578	686	460	490	126
2	184	15,635	60	326	467	639	561	577	713	444	492	125
3	185	5,801	62	410,054	401	669	567	581	672	437	488	133
4	202	95	68	105,433	378	708	586	592	643	508	608	131
5	219	88	335,070	22,168	438	731	566	589	690	563	584	795
6	224	92	49,837	15,545	407	685	550	577	722	470	565	127
7	225	253,939	527,065	157	373	577	553	585	690	467	604	119
8	241	55,169	31,948	115	390	525	548	613	741	462	167	117
9	247	54,449	16,191	308	388	1,673	567	606	912	466	157	119
10	205	4,942	13,709	310	370	774	561	559	752	457	151	123
11	178	3,557	306	269	361	641	576	559	735	475	145	120
12	200	55	276	324	388	635	581	558	741	446	152	112
13	157	55	257	364	411	618	566	570	751	453	155	106
14	144	56	234	224,656	444	650	566	602	170	483	158	104
15	134	53	404	30,770	417	689	581	636	681	525	63	108
16	170	53	241	16,526	439	644	585	649	120	501	130	151
17	190	55	177	16,060	346	571	570	815	886	481	81	185
18	193	6,268	151	357	365	588	563	823	918	471	163	226
19	194	197,270	139	368	360	587	605	689	932	559	150	290
20	172	8,362	146	111,042	384	574	587	687	778	590	141	332
21	171	51,821	192	24,617	354	573	579	716	1,365	465	166	291
22	154	2,941	232	887,926	358	567	562	696	1,592	476	351	308
23	156	56	144,640	58,984	335	561	3,419	802	212	489	164	232
24	104	56	55,995	208,579	352	587	3,493	789	504	491	46	203
25	94	54	15,049	43,687	363	586	548	733	501	500	132	211
26	105	52	19,179	28,188	376	567	540	705	483	538	138	231
27	105	49	759,824	24,623	392	547	548	738	486	510	148	237
28	114	37	196,527	23,735	245	532	565	746	488	544	184	218
29	117	59	33,620	512	1,286	547	550	657	516	530	248	223
30	1,452,944	56	20,929		1,703	572	549	668	553	506	136	226
31		55	339		462		560		518	508		219
Total	1,457,909	1,166,459	2,222,928	2,256,296	14,242	19,166	23,297	19,696	21,150	15,276	7,356	6,249

Buena Vista Mass Emission Station Loading Summary – Ammonia as N (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	0.59	324.24	0.37	1.75	2.90	0.56	0.37	0.39	0.69	0.46	0.49	0.41
2	0.61	10.03	0.35	1.94	2.77	0.43	0.38	0.39	0.71	0.44	0.49	0.41
3	0.61	3.72	0.37	183.82	2.38	0.45	0.38	0.39	0.67	0.44	0.49	0.44
4	0.66	0.57	0.40	67.66	2.25	0.47	0.39	0.40	0.64	0.51	0.61	0.43
5	0.72	0.52	407.66	14.23	2.60	0.49	0.38	0.39	0.69	0.56	0.58	2.61
6	0.74	0.54	19.65	9.98	2.42	0.46	0.37	0.39	0.72	0.47	0.57	0.42
7	0.74	162.97	294.54	2.28	2.21	0.37	0.37	0.39	0.69	0.47	0.60	0.39
8	0.79	35.41	20.50	1.77	2.32	0.47	0.37	0.41	0.74	0.46	0.55	0.38
9	0.81	34.94	10.39	1.83	2.31	0.41	0.38	0.41	0.91	0.47	0.51	0.39
10	0.67	3.17	8.80	1.84	2.20	0.42	0.38	0.37	0.75	0.46	0.50	0.41
11	0.59	2.28	1.82	1.36	2.14	0.43	0.39	0.37	0.74	0.47	0.48	0.40
12	0.66	0.33	1.64	1.92	2.31	0.43	0.39	0.37	0.74	0.45	0.50	0.37
13	0.52	0.32	1.53	2.16	2.44	0.41	0.38	0.38	0.75	0.45	0.51	0.35
14	0.47	0.33	1.31	144.18	2.64	0.43	0.38	0.40	0.55	0.48	0.52	0.34
15	0.44	0.32	1.47	19.75	2.48	0.46	0.39	0.43	0.77	0.52	0.44	0.35
16	0.56	0.32	1.01	10.61	2.61	0.43	0.39	0.43	2.04	0.50	0.45	0.50
17	0.63	0.32	1.05	10.31	2.05	0.38	0.38	0.55	0.89	0.48	0.68	0.61
18	0.63	4.02	0.90	2.12	2.17	0.39	0.38	0.55	0.92	0.47	0.54	0.74
19	0.64	126.60	0.83	2.18	2.14	0.39	0.40	0.46	0.93	0.56	0.49	0.95
20	0.57	5.37	0.87	71.26	2.28	0.38	0.39	0.46	0.78	0.59	0.46	1.09
21	0.56	33.26	1.14	15.80	2.11	0.38	0.39	0.48	0.41	0.47	0.54	0.96
22	0.51	1.89	1.38	569.85	2.13	0.38	0.38	0.47	0.41	0.48	0.57	1.01
23	0.51	0.33	75.07	37.85	1.99	0.38	2.29	0.54	0.28	0.49	0.39	0.76
24	0.34	0.34	75.76	133.86	2.09	0.39	2.34	0.53	0.50	0.49	0.35	0.67
25	0.31	0.32	9.66	28.04	2.16	0.39	0.37	0.49	0.50	0.50	0.44	0.69
26	0.35	0.31	12.31	18.09	2.23	0.38	0.36	0.47	0.48	0.54	0.45	0.76
27	0.35	0.29	487.63	15.80	2.33	0.37	0.37	0.49	0.49	0.51	0.49	0.78
28	0.38	0.22	126.13	15.23	1.46	0.36	0.38	0.50	0.49	0.54	0.61	0.72
29	0.39	0.35	21.58	3.04	0.86	0.37	0.37	0.66	0.52	0.53	0.81	0.73
30	932.46	0.33	13.43		1.14	0.38	0.37	0.67	0.55	0.51	0.45	0.74
31		0.33	2.01		0.99		0.37		0.52	0.51		0.72
Total	949	754	1,602	1,391	67.1	12.4	15.6	13.6	21.5	15.3	15.6	20.5

Buena Vista Mass Emission Station Loading Summary – CBOD (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	17.0	9,221	8.8	41.8	69.3	15.3	10.4	11.0	24.3	16.3	17.4	11.9
2	17.5	285	8.5	46.2	66.2	12.1	10.6	10.9	25.3	15.7	17.4	11.9
3	17.6	106	8.7	7,494	56.8	12.7	10.8	11.0	23.8	15.5	17.3	12.6
4	19.2	13.5	9.6	1,924	53.7	13.4	11.1	11.2	22.8	18.0	21.5	12.5
5	20.8	12.5	9,967	405	62.1	13.9	10.7	11.2	24.5	20.0	20.7	75.6
6	21.3	13.0	1,678	284	57.7	13.0	10.4	11.0	25.6	16.7	20.0	12.1
7	21.4	4,635	14,727	58.2	52.9	14.7	10.5	11.1	24.5	16.6	21.4	11.3
8	22.9	1,007	583	16.6	55.3	15.1	10.4	11.6	26.3	16.4	15.9	11.1
9	23.5	994	295	43.7	55.1	15.3	10.8	11.5	32.3	16.5	14.9	11.3
10	19.5	90.2	250	43.9	52.5	14.1	10.6	10.6	26.7	16.2	14.4	11.7
11	16.9	64.9	43.4	57.3	51.1	12.2	10.9	10.6	26.1	16.8	13.8	11.5
12	19.0	7.9	39.1	45.9	55.0	12.1	11.0	10.6	26.3	15.8	14.5	10.6
13	15.0	7.7	36.5	51.6	58.2	11.7	10.7	10.8	26.6	16.1	14.7	10.1
14	13.7	7.9	39.0	4,100	63.0	12.3	10.7	11.4	21.8	17.1	15.0	9.9
15	12.7	7.5	36.1	562	59.1	13.1	11.0	12.1	19.6	18.6	16.5	10.2
16	16.2	7.5	12.3	302	62.2	12.2	11.1	12.3	23.1	17.8	15.2	14.4
17	18.1	7.7	25.1	293	49.0	10.8	10.8	15.5	31.4	17.0	15.2	17.6
18	18.4	114	21.5	50.6	51.8	11.2	10.7	15.6	32.5	16.7	15.5	21.5
19	18.4	3,600	19.7	52.1	51.0	11.1	11.5	13.1	33.0	19.8	14.3	27.5
20	16.4	153	20.7	2,027	54.4	10.9	11.1	13.0	27.6	20.9	13.4	31.6
21	16.3	946	27.2	449	50.2	10.9	11.0	13.6	20.8	16.5	15.7	27.7
22	14.6	53.7	32.9	16,205	50.8	10.8	10.7	13.2	48.1	16.9	12.4	29.3
23	14.8	7.9	1,528	1,076	47.5	10.7	64.9	15.2	14.2	17.3	12.2	22.0
24	9.9	8.0	1,272	3,807	49.9	11.1	66.3	15.0	17.9	17.4	12.3	19.3
25	8.9	7.6	275	797	51.5	11.1	10.4	13.9	17.8	17.7	12.6	20.1
26	10.0	7.4	350	514	53.3	10.8	10.2	13.4	17.1	19.1	13.1	22.0
27	10.0	6.9	13,867	449	55.6	10.4	10.4	14.0	17.2	18.1	14.1	22.6
28	10.9	5.3	3,587	433	34.8	10.1	10.7	14.2	17.3	19.3	17.5	20.7
29	11.1	8.4	614	72.6	24.4	10.4	10.4	23.3	18.3	18.8	23.6	21.2
30	26,517	7.9	382		32.3	10.9	10.4	23.7	19.6	17.9	13.0	21.5
31		7.9	48.1		7.6		10.6		18.4	18.0		20.8
Total	26,989	21,422	49,812	41,702	1,594	365	442	396	751	542	476	594

Buena Vista Mass Emission Station Loading Summary – Chlorophyll *a* (lbs)

	2007		2008									
Day	November ¹	December ¹	January ¹	February ¹	March	April	May	June	July	August	September	October
1	0.18	No Data	0.08	0.37	0.62	0.17	0.54	0.57	0.31	0.21	0.22	0.12
2	0.18	No Data	0.08	0.41	0.59	0.62	0.55	0.56	0.32	0.20	0.22	0.12
3	0.18	No Data	0.08	No Data	0.51	0.65	0.55	0.57	0.30	0.20	0.22	0.13
4	0.20	0.12	0.09	No Data	0.48	0.69	0.57	0.58	0.29	0.23	0.27	0.13
5	0.22	0.11	No Data	No Data	0.55	0.72	0.55	0.58	0.31	0.25	0.26	0.78
6	0.22	0.12	No Data	No Data	0.51	0.67	0.54	0.56	0.33	0.21	0.25	0.13
7	0.22	No Data	No Data	0.18	0.47	0.44	0.54	0.57	0.31	0.21	0.27	0.12
8	0.24	No Data	No Data	0.15	0.49	0.73	0.54	0.60	0.33	0.21	0.16	0.12
9	0.24	No Data	No Data	0.39	0.49	2.06	0.55	0.59	0.41	0.21	0.15	0.12
10	0.20	No Data	No Data	0.39	0.47	0.55	0.55	0.55	0.34	0.21	0.15	0.12
11	0.18	No Data	0.39	0.40	0.45	0.63	0.56	0.55	0.33	0.21	0.14	0.12
12	0.20	0.07	0.35	0.41	0.49	0.62	0.57	0.55	0.33	0.20	0.15	0.11
13	0.16	0.07	0.32	0.46	0.52	0.60	0.55	0.56	0.34	0.20	0.15	0.10
14	0.14	0.07	0.17	No Data	0.56	0.64	0.55	0.59	0.31	0.22	0.16	0.10
15	0.13	0.07	0.50	No Data	0.53	0.67	0.57	0.62	1.27	0.24	0.04	0.11
16	0.17	0.07	0.42	No Data	0.55	0.63	0.57	0.63	0.04	0.23	0.06	0.15
17	0.19	0.07	0.22	No Data	0.44	0.56	0.56	0.80	0.40	0.22	0.05	0.18
18	0.19	No Data	0.19	0.45	0.46	0.58	0.55	0.80	0.41	0.21	0.16	0.22
19	0.19	No Data	0.18	0.46	0.45	0.57	0.59	0.67	0.42	0.25	0.15	0.29
20	0.17	No Data	0.18	No Data	0.48	0.56	0.57	0.67	0.35	0.27	0.14	0.33
21	0.17	No Data	0.24	No Data	0.45	0.56	0.57	0.70	0.02	0.21	0.16	0.29
22	0.15	No Data	0.29	No Data	0.45	0.55	0.55	0.68	0.19	0.21	0.35	0.30
23	0.15	0.07	No Data	No Data	0.42	0.55	3.34	0.78	0.07	0.22	0.22	0.23
24	0.10	0.07	No Data	No Data	0.44	0.57	3.42	0.77	0.23	0.22	0.08	0.20
25	0.09	0.07	No Data	No Data	0.46	0.57	0.54	0.72	0.23	0.23	0.13	0.21
26	0.10	0.07	No Data	No Data	0.47	0.55	0.53	0.69	0.22	0.24	0.14	0.23
27	0.10	0.06	No Data	No Data	0.49	0.54	0.54	0.72	0.22	0.23	0.15	0.23
28	0.11	0.05	No Data	No Data	0.31	0.52	0.55	0.73	0.22	0.25	0.18	0.21
29	0.12	0.07	No Data	0.64	1.26	0.54	0.54	0.30	0.23	0.24	0.24	0.22
30	No Data	0.07	No Data		1.67	0.56	0.54	0.30	0.25	0.23	0.13	0.22
31		0.07	0.43		0.26		0.55		0.23	0.23		0.22
Total	4.89	1.36	4.19	4.72	16.8	18.9	22.8	18.6	9.57	6.89	5.18	6.16

¹Wet weather chlorophyll *a* data was not collected per the QAPP, thus monthly totals reflect only partial loading values.

Buena Vista Mass Emission Station Loading Summary – Nitrate + Nitrite as N (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	10.6	2,728.3	20.8	98.7	163.5	34.8	22.1	23.3	11.1	7.5	7.9	7.5
2	11.0	84.4	20.0	109.2	156.3	25.7	22.6	23.2	11.6	7.2	8.0	7.4
3	11.0	31.3	20.7	1,541.2	134.2	27.0	22.8	23.4	10.9	7.1	7.9	7.9
4	12.0	31.9	22.7	569.3	126.7	28.5	23.6	23.9	10.4	8.2	9.9	7.8
5	13.0	29.5	2,214.1	119.7	146.6	29.4	22.8	23.7	11.2	9.1	9.5	47.3
6	13.3	30.6	676.1	83.9	136.1	27.6	22.2	23.3	11.7	7.6	9.2	7.6
7	13.4	1,371.3	7,363.4	136.4	124.8	22.7	22.3	23.6	11.2	7.6	9.8	7.1
8	14.3	297.9	172.5	178.1	130.6	26.7	22.1	24.7	12.0	7.5	9.9	7.0
9	14.7	294.0	87.4	103.2	130.0	24.8	22.8	24.4	14.8	7.6	9.3	7.1
10	12.2	26.7	74.0	103.7	123.9	24.3	22.6	22.5	12.2	7.4	9.0	7.3
11	10.6	19.2	102.5	102.7	120.7	25.8	23.2	22.5	11.9	7.7	8.6	7.2
12	11.9	18.6	92.3	108.4	129.9	25.6	23.4	22.5	12.0	7.2	9.1	6.6
13	9.4	18.3	86.1	121.9	137.5	24.9	22.8	23.0	12.2	7.4	9.2	6.3
14	8.6	18.7	28.7	1,213.2	148.8	26.2	22.8	24.3	11.4	7.8	9.4	6.2
15	8.0	17.7	100.5	166.2	139.6	27.8	23.4	25.6	25.5	8.5	6.9	6.4
16	10.1	17.8	1.8	89.2	146.9	26.0	23.6	26.1	0.2	8.1	8.3	9.0
17	11.3	18.3	59.1	86.7	115.7	23.0	23.0	32.8	14.4	7.8	8.3	11.0
18	11.5	33.8	50.7	119.3	122.2	23.7	22.7	33.2	14.9	7.6	9.7	13.5
19	11.5	1,065.3	46.5	123.0	120.4	23.6	24.4	27.8	15.1	9.1	8.9	17.2
20	10.2	45.2	48.8	599.6	128.4	23.1	23.6	27.7	12.6	9.6	8.4	19.8
21	10.2	279.8	64.1	132.9	118.6	23.1	23.3	28.8	13.8	7.6	9.9	17.3
22	9.2	15.9	77.7	4,794.9	119.8	22.9	22.6	28.0	11.5	7.7	10.8	18.3
23	9.3	18.6	600.0	318.5	112.1	22.6	137.7	32.3	5.1	7.9	11.1	13.8
24	6.2	18.9	463.6	1,126.3	117.7	23.6	140.7	31.8	8.2	8.0	5.7	12.1
25	5.6	18.0	81.3	235.9	121.6	23.6	22.1	29.5	8.1	8.1	7.9	12.6
26	6.3	17.5	103.6	152.2	125.9	22.8	21.7	28.4	7.8	8.7	8.2	13.8
27	6.3	16.3	4,103.1	133.0	131.3	22.0	22.1	29.7	7.9	8.3	8.8	14.1
28	6.8	12.5	1,061.3	128.2	82.2	21.4	22.8	30.1	7.9	8.8	11.0	13.0
29	7.0	19.8	181.5	171.3	51.8	22.0	22.1	10.7	8.4	8.6	14.8	13.2
30	7,846.0	18.6	113.0		68.6	23.0	22.1	10.8	9.0	8.2	8.1	13.4
31		18.6	113.4		46.6		22.6		8.4	8.2		13.0
Total	8,141	6,653	18,251	12,967	3,779	748	938	761	343	248	273	372

Buena Vista Mass Emission Station Loading Summary – SRP (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	0.80	373.60	0.81	3.84	6.37	0.90	0.59	0.62	0.72	0.48	0.52	0.56
2	0.82	11.56	0.78	4.25	6.09	0.68	0.60	0.62	0.75	0.47	0.52	0.56
3	0.83	4.29	0.80	162.57	5.23	0.72	0.61	0.62	0.71	0.46	0.52	0.59
4	0.90	1.24	0.88	77.96	4.94	0.76	0.63	0.63	0.68	0.54	0.64	0.59
5	0.98	1.15	326.15	16.39	5.71	0.78	0.60	0.63	0.73	0.59	0.62	3.55
6	1.00	1.19	127.67	11.49	5.30	0.73	0.59	0.62	0.76	0.50	0.60	0.57
7	1.01	187.78	1,317.66	6.67	4.86	0.64	0.59	0.63	0.73	0.49	0.64	0.53
8	1.08	40.80	23.62	6.21	5.09	0.75	0.59	0.65	0.78	0.49	0.75	0.52
9	1.10	40.26	11.97	4.02	5.06	0.71	0.61	0.65	0.96	0.49	0.70	0.53
10	0.92	3.65	10.14	4.04	4.83	0.66	0.60	0.60	0.79	0.48	0.68	0.55
11	0.80	2.63	3.99	4.44	4.70	0.68	0.62	0.60	0.78	0.50	0.65	0.54
12	0.89	0.72	3.60	4.22	5.06	0.68	0.62	0.60	0.78	0.47	0.68	0.50
13	0.70	0.71	3.35	4.75	5.36	0.66	0.60	0.61	0.79	0.48	0.69	0.47
14	0.64	0.73	2.42	166.12	5.80	0.69	0.60	0.64	0.67	0.51	0.70	0.47
15	0.60	0.69	1.79	22.75	5.44	0.74	0.62	0.68	1.03	0.55	0.77	0.48
16	0.76	0.69	0.39	12.22	5.72	0.69	0.63	0.69	0.72	0.53	0.71	0.68
17	0.85	0.71	2.30	11.88	4.51	0.61	0.61	0.87	0.93	0.51	0.66	0.83
18	0.86	4.63	1.98	4.65	4.76	0.63	0.60	0.88	0.97	0.50	0.73	1.01
19	0.86	145.87	1.81	4.79	4.69	0.63	0.65	0.74	0.98	0.59	0.67	1.29
20	0.77	6.18	1.90	82.11	5.00	0.61	0.63	0.73	0.82	0.62	0.63	1.48
21	0.76	38.32	2.50	18.20	4.62	0.61	0.62	0.76	0.77	0.49	0.74	1.30
22	0.69	2.17	3.03	656.59	4.67	0.61	0.60	0.74	0.69	0.50	0.69	1.38
23	0.69	0.73	45.61	43.62	4.37	0.60	3.65	0.86	0.53	0.52	0.57	1.04
24	0.47	0.74	51.72	154.24	4.59	0.63	3.73	0.84	0.53	0.52	0.54	0.91
25	0.42	0.70	11.13	32.30	4.74	0.63	0.59	0.78	0.53	0.53	0.59	0.94
26	0.47	0.68	14.18	20.84	4.91	0.61	0.58	0.75	0.51	0.57	0.62	1.03
27	0.47	0.63	561.86	18.21	5.12	0.58	0.59	0.79	0.51	0.54	0.66	1.06
28	0.51	0.49	145.32	17.55	3.20	0.57	0.60	0.80	0.51	0.57	0.82	0.97
29	0.52	0.77	24.86	6.68	1.37	0.58	0.59	0.69	0.54	0.56	1.11	0.99
30	1,074.39	0.73	15.48		1.82	0.61	0.59	0.70	0.58	0.53	0.61	1.01
31		0.72	4.42		1.28		0.60		0.55	0.54		0.98
Total	1,097	876	2,724	1,584	145	20	25	21	22	16	20	28

Buena Vista Mass Emission Station Loading Summary – Total Nitrogen (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	25.3	2,529.3	22.0	104.3	172.8	39.2	29.9	31.4	17.3	11.6	12.4	17.8
2	26.1	78.3	21.1	115.4	165.1	34.7	30.5	31.4	18.0	11.2	12.4	17.7
3	26.3	29.0	21.8	1,740.1	141.8	36.4	30.8	31.6	16.9	11.0	12.3	18.8
4	28.6	33.7	24.0	527.8	133.9	38.5	31.9	32.2	16.2	12.8	15.3	18.6
5	31.0	31.1	3,865.0	111.0	154.9	39.8	30.8	32.1	17.4	14.2	14.7	112.7
6	31.7	32.4	1,581.1	77.8	143.9	37.3	29.9	31.4	18.2	11.9	14.3	18.0
7	32.0	1,271.3	10,344.4	142.4	131.9	29.8	30.1	31.9	17.4	11.8	15.2	16.9
8	34.1	276.2	159.9	159.5	138.0	27.9	29.8	33.3	18.7	11.7	23.7	16.6
9	35.1	272.6	81.1	109.1	137.4	44.5	30.8	33.0	23.0	11.8	22.2	16.8
10	29.1	24.7	68.6	109.6	130.9	44.8	30.5	30.4	19.0	11.5	21.4	17.5
11	25.3	17.8	108.4	166.1	127.5	34.9	31.3	30.4	18.6	12.0	20.6	17.1
12	28.3	19.6	97.5	114.6	137.3	34.6	31.6	30.4	18.7	11.3	21.6	15.8
13	22.3	19.3	91.0	128.8	145.3	33.6	30.8	31.0	19.0	11.4	21.9	15.0
14	20.4	19.8	37.5	1,124.7	157.2	35.4	30.8	32.8	17.4	12.2	22.3	14.8
15	19.0	18.8	44.0	154.0	147.6	37.5	31.6	34.6	24.5	13.2	24.0	15.3
16	24.1	18.8	47.1	82.7	155.2	35.1	31.8	35.3	15.2	12.6	22.9	21.5
17	27.0	19.3	62.5	80.4	122.3	31.1	31.0	44.3	22.3	12.1	21.5	26.2
18	27.4	31.4	53.6	126.1	129.1	32.0	30.7	44.8	23.2	11.9	23.1	32.1
19	27.4	987.6	49.1	130.0	127.2	31.9	32.9	37.5	23.5	14.1	21.3	41.0
20	24.4	41.9	51.6	555.9	135.7	31.2	31.9	37.4	19.6	14.9	20.0	47.1
21	24.3	259.4	67.8	123.2	125.3	31.2	31.5	38.9	21.5	11.7	23.5	41.3
22	21.8	14.7	82.1	4,445.1	126.6	30.9	30.6	37.9	13.6	12.0	21.4	43.7
23	22.1	19.7	528.2	295.3	118.5	30.5	186.0	43.7	13.3	12.3	13.8	32.9
24	14.8	20.0	649.2	1,044.2	124.4	31.9	190.0	42.9	12.7	12.4	21.1	28.8
25	13.3	19.0	75.3	218.7	128.5	31.9	29.8	39.9	12.6	12.6	18.8	30.0
26	14.9	18.5	96.0	141.1	133.1	30.9	29.4	38.4	12.2	13.6	19.6	32.8
27	14.9	17.2	3,803.8	123.3	138.8	29.8	29.8	40.1	12.3	12.9	21.0	33.6
28	16.2	13.3	983.8	118.8	86.8	29.0	30.7	40.6	12.3	13.7	26.1	30.9
29	16.6	20.9	168.3	181.1	70.0	29.8	29.9	16.6	13.0	13.4	35.2	31.5
30	7,273.7	19.7	104.8		92.7	31.1	29.9	16.9	14.0	12.8	19.3	32.0
31		19.6	119.9		69.3		30.5		13.1	12.8		31.1
Total	7,977	6,215	23,510	12,551	4,049	1,017	1,268	1,033	535	385	603	886

Buena Vista Mass Emission Station Loading Summary – Total Dissolved Nitrogen (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	20.0	3,237.2	30.0	142.3	235.8	45.2	31.0	32.7	19.6	13.1	14.0	14.1
2	20.6	100.2	28.8	157.4	225.3	36.1	31.7	32.6	20.4	12.7	14.0	14.0
3	20.8	37.2	29.8	1,304.0	193.5	37.9	32.1	32.9	19.2	12.5	13.9	14.9
4	22.6	45.9	32.7	675.6	182.7	40.0	33.1	33.5	18.4	14.5	17.4	14.7
5	24.5	42.5	3,112.7	142.0	211.4	41.4	32.0	33.3	19.7	16.1	16.7	89.1
6	25.1	44.2	1,177.4	99.6	196.3	38.8	31.1	32.7	20.6	13.4	16.1	14.2
7	25.3	1,627.1	4,611.5	179.2	179.9	22.3	31.3	33.1	19.7	13.3	17.2	13.3
8	27.0	353.5	204.7	130.8	188.3	41.0	31.0	34.7	21.2	13.2	18.7	13.1
9	27.7	348.9	103.7	148.8	187.4	41.7	32.1	34.3	26.0	13.3	17.6	13.3
10	23.0	31.7	87.8	149.6	178.6	41.1	31.7	31.6	21.5	13.0	16.9	13.8
11	20.0	22.8	147.8	177.9	174.0	36.3	32.6	31.6	21.0	13.6	16.3	13.5
12	22.4	26.8	133.0	156.3	187.3	36.0	32.9	31.6	21.1	12.7	17.1	12.5
13	17.6	26.4	124.1	175.7	198.2	35.0	32.0	32.3	21.4	12.9	17.3	11.9
14	16.1	27.0	80.5	1,439.5	214.5	36.8	32.0	34.1	20.2	13.8	17.7	11.7
15	15.0	25.6	105.3	197.2	201.3	39.0	32.9	36.0	20.7	15.0	14.1	12.1
16	19.1	25.7	90.5	105.9	211.7	36.5	33.1	36.7	23.5	14.3	22.7	17.0
17	21.3	26.3	85.3	102.9	166.8	32.3	32.2	46.1	25.3	13.7	15.6	20.7
18	21.6	40.2	73.1	172.1	176.2	33.3	31.9	46.6	26.2	13.5	18.3	25.3
19	21.7	1,264.0	67.0	177.4	173.6	33.2	34.2	39.0	26.6	15.9	16.8	32.4
20	19.3	53.6	70.4	711.5	185.1	32.5	33.2	38.9	22.2	16.9	15.8	37.2
21	19.2	332.0	92.4	157.7	171.0	32.4	32.8	40.5	23.1	13.3	18.5	32.6
22	17.2	18.8	112.0	5,689.4	172.8	32.1	31.8	39.4	20.4	13.6	16.2	34.5
23	17.4	26.9	487.2	377.9	161.6	31.7	193.5	45.4	12.8	14.0	14.2	26.0
24	11.7	27.2	564.5	1,336.5	169.7	33.2	197.6	44.7	14.4	14.0	15.1	22.8
25	10.5	25.9	96.4	279.9	175.3	33.2	31.0	41.5	14.3	14.3	14.8	23.7
26	11.8	25.2	122.9	180.6	181.5	32.1	30.5	39.9	13.8	15.4	15.5	25.9
27	11.8	23.5	4,868.5	157.8	189.3	31.0	31.0	41.8	13.9	14.6	16.6	26.6
28	12.8	18.1	1,259.2	152.1	118.5	30.1	32.0	42.2	13.9	15.5	20.6	24.4
29	13.1	28.6	215.4	247.0	72.7	31.0	31.1	18.8	14.7	15.1	27.8	24.9
30	9,309.7	26.9	134.1		96.4	32.3	31.1	19.1	15.8	14.5	15.3	25.3
31		26.8	163.5		77.3		31.7		14.8	14.5		24.5
Total	9,866	7,986	18,513	15,124	5,454	1,055	1,318	1,077	606	436	509	700

Buena Vista Mass Emission Station Loading Summary – Total Phosphorus (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	1.29	631.62	0.78	3.70	6.12	1.33	2.37	2.50	0.59	0.40	0.42	0.91
2	1.33	19.55	0.75	4.09	5.85	2.76	2.42	2.49	0.61	0.38	0.42	0.90
3	1.34	7.25	0.77	613.67	5.03	2.89	2.45	2.51	0.58	0.38	0.42	0.96
4	1.46	1.19	0.85	131.81	4.74	3.06	2.53	2.56	0.55	0.44	0.52	0.95
5	1.58	1.10	599.95	27.71	5.49	3.16	2.44	2.54	0.59	0.48	0.50	5.74
6	1.61	1.15	189.64	19.43	5.10	2.96	2.38	2.49	0.62	0.41	0.49	0.92
7	1.63	317.47	1,782.72	4.80	4.67	10.37	2.39	2.53	0.59	0.40	0.52	0.86
8	1.74	68.97	39.94	4.55	4.89	1.47	2.37	2.65	0.64	0.40	1.21	0.84
9	1.78	68.07	20.24	3.86	4.87	1.93	2.45	2.62	0.79	0.40	1.13	0.86
10	1.48	6.18	17.14	3.89	4.64	1.27	2.42	2.41	0.65	0.39	1.09	0.89
11	1.29	4.45	3.84	3.39	4.52	2.77	2.49	2.42	0.63	0.41	1.05	0.87
12	1.44	0.70	3.46	4.06	4.86	2.74	2.51	2.41	0.64	0.38	1.10	0.80
13	1.14	0.68	3.22	4.56	5.15	2.67	2.44	2.46	0.65	0.39	1.11	0.76
14	1.04	0.70	1.96	280.86	5.57	2.81	2.44	2.60	0.62	0.42	1.14	0.75
15	0.97	0.66	3.73	38.47	5.23	2.98	2.51	2.75	1.12	0.45	0.93	0.78
16	1.23	0.67	1.27	20.66	5.50	2.78	2.53	2.80	0.35	0.43	0.89	1.09
17	1.37	0.68	2.21	20.08	4.33	2.47	2.46	3.52	0.76	0.41	1.20	1.33
18	1.39	7.84	1.90	4.47	4.58	2.54	2.43	3.55	0.79	0.41	1.18	1.63
19	1.40	246.62	1.74	4.61	4.51	2.53	2.61	2.98	0.80	0.48	1.08	2.09
20	1.24	10.45	1.83	138.82	4.81	2.48	2.53	2.97	0.67	0.51	1.02	2.40
21	1.23	64.79	2.40	30.78	4.44	2.47	2.50	3.09	0.79	0.40	1.19	2.10
22	1.11	3.68	2.91	1,110.06	4.49	2.45	2.43	3.01	0.16	0.41	1.32	2.22
23	1.12	0.70	52.01	73.74	4.20	2.42	14.77	3.47	0.53	0.42	0.92	1.67
24	0.75	0.71	60.31	260.76	4.41	2.54	15.09	3.41	0.43	0.42	0.98	1.47
25	0.68	0.67	18.81	54.62	4.55	2.53	2.37	3.17	0.43	0.43	0.96	1.52
26	0.76	0.65	23.98	35.24	4.72	2.45	2.33	3.05	0.42	0.46	1.00	1.67
27	0.76	0.61	949.91	30.78	4.92	2.36	2.37	3.19	0.42	0.44	1.07	1.71
28	0.82	0.47	245.69	29.67	3.08	2.30	2.44	3.22	0.42	0.47	1.33	1.57
29	0.85	0.74	42.03	6.42	5.55	2.36	2.38	0.57	0.44	0.46	1.79	1.60
30	1,816.43	0.70	26.16		7.36	2.47	2.37	0.58	0.48	0.44	0.98	1.63
31		0.70	4.25		2.60		2.42		0.45	0.44		1.58
Total	1,852	1,470	4,106	2,970	151	82	101	80	18	13	29	45

Buena Vista Mass Emission Station Loading Summary – Total Dissolved Phosphorus (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	1.25	362.80	1.17	5.53	9.16	1.12	0.93	0.98	0.63	0.42	0.45	0.88
2	1.29	11.23	1.12	6.12	8.76	1.08	0.95	0.98	0.65	0.41	0.45	0.87
3	1.30	4.17	1.16	254.52	7.52	1.13	0.96	0.99	0.62	0.40	0.45	0.93
4	1.41	1.78	1.27	75.71	7.10	1.20	0.99	1.00	0.59	0.47	0.56	0.92
5	1.53	1.65	352.53	15.92	8.21	1.24	0.96	1.00	0.63	0.52	0.54	5.56
6	1.57	1.72	132.25	11.16	7.63	1.16	0.93	0.98	0.66	0.43	0.52	0.89
7	1.58	182.35	592.76	6.11	6.99	0.94	0.94	0.99	0.63	0.43	0.55	0.83
8	1.68	39.62	22.94	6.14	7.32	1.41	0.93	1.04	0.68	0.42	1.17	0.82
9	1.73	39.10	11.63	5.78	7.28	1.28	0.96	1.03	0.84	0.43	1.10	0.83
10	1.44	3.55	9.84	5.81	6.94	1.17	0.95	0.95	0.69	0.42	1.06	0.86
11	1.25	2.55	5.74	5.34	6.76	1.09	0.98	0.95	0.67	0.44	1.02	0.84
12	1.40	1.04	5.17	6.07	7.28	1.08	0.99	0.95	0.68	0.41	1.07	0.78
13	1.10	1.02	4.82	6.83	7.70	1.05	0.96	0.97	0.69	0.42	1.08	0.74
14	1.01	1.05	5.52	161.32	8.34	1.10	0.96	1.02	1.03	0.44	1.10	0.73
15	0.94	0.99	3.96	22.10	7.82	1.17	0.99	1.08	0.76	0.48	0.71	0.75
16	1.19	1.00	2.08	11.87	8.23	1.09	0.99	1.10	0.71	0.46	1.09	1.06
17	1.33	1.02	3.31	11.53	6.48	0.97	0.97	1.38	0.81	0.44	1.60	1.29
18	1.35	4.50	2.84	6.69	6.85	1.00	0.96	1.40	0.84	0.43	1.14	1.58
19	1.35	141.66	2.61	6.89	6.75	0.99	1.03	1.17	0.85	0.51	1.05	2.03
20	1.20	6.00	2.73	79.74	7.20	0.97	0.99	1.16	0.71	0.54	0.99	2.32
21	1.20	37.21	3.59	17.68	6.65	0.97	0.98	1.21	0.62	0.43	1.16	2.04
22	1.08	2.11	4.35	637.62	6.71	0.96	0.95	1.18	0.56	0.44	1.12	2.16
23	1.09	1.04	45.63	42.36	6.28	0.95	5.80	1.36	0.27	0.45	0.89	1.62
24	0.73	1.06	52.37	149.78	6.59	1.00	5.92	1.34	0.46	0.45	0.71	1.42
25	0.66	1.01	10.81	31.37	6.81	0.99	0.93	1.24	0.46	0.46	0.93	1.48
26	0.73	0.98	13.77	20.24	7.05	0.96	0.91	1.20	0.44	0.49	0.97	1.62
27	0.74	0.91	545.63	17.68	7.36	0.93	0.93	1.25	0.45	0.47	1.04	1.66
28	0.80	0.70	141.13	17.04	4.60	0.90	0.96	1.26	0.45	0.50	1.29	1.52
29	0.82	1.11	24.14	9.60	2.18	0.93	0.93	0.60	0.47	0.49	1.74	1.56
30	1,043.35	1.04	15.03		2.89	0.97	0.93	0.61	0.51	0.46	0.95	1.58
31		1.04	6.36		1.97		0.95		0.48	0.47		1.53
Total	1,078	857	2,028	1,655	209	32	39	32	20	14	28	44

Appendix D-3
Loma Alta Mass Emission Station
Constituent Loading Summary

Loma Alta Mass Emission Station Loading Summary – Enterococcus (G-org)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	4.81	22,661.42	2.20	15.04	11.69	33.00	6.57	1.93	0.14	0.10	0.07	0.29
2	3.85	2,714.00	2.56	27.97	12.62	14.08	7.72	2.24	0.14	0.10	0.07	0.24
3	3.43	960.39	2.56	12,964.79	13.91	14.47	9.96	2.15	0.14	0.10	0.07	0.19
4	2.84	7.71	2.22	6,782.73	13.18	18.47	14.58	2.22	0.14	0.10	0.07	0.18
5	3.17	5.85	41,175.61	2,287.05	12.09	19.49	17.84	2.28	0.13	0.10	0.08	0.80
6	4.19	4.10	10,891.10	1,752.25	13.10	19.91	21.54	2.42	0.13	0.10	0.07	0.40
7	3.87	11,119.79	107,096.53	11.84	10.11	8.97	25.78	2.10	0.31	0.10	0.09	0.28
8	5.79	4,914.96	3,582.12	18.85	12.25	29.20	27.54	2.21	0.09	0.10	0.09	0.26
9	4.90	4,386.36	1,828.25	11.03	12.24	29.60	30.99	1.41	0.15	0.09	0.07	0.15
10	3.45	1,217.11	1,464.95	10.56	11.15	33.47	29.95	0.95	0.13	0.09	0.09	0.19
11	2.30	831.07	12.28	8.91	11.76	33.73	29.78	0.84	0.13	0.09	0.10	0.17
12	2.46	6.71	10.11	11.11	7.51	28.84	35.51	0.95	0.13	0.09	0.11	0.13
13	2.08	6.52	8.82	11.11	7.01	27.93	29.91	0.82	0.13	0.08	0.13	0.19
14	1.72	4.74	5.23	7,767.18	7.35	35.43	29.96	0.74	0.09	0.11	0.09	0.08
15	2.91	4.02	6.52	3,576.02	7.61	38.47	31.22	1.05	0.02	0.13	0.25	0.11
16	2.38	3.57	11.58	1,305.78	11.30	37.35	27.00	1.05	0.13	0.14	0.27	0.17
17	2.61	3.55	6.85	958.77	9.15	30.38	54.31	1.29	0.12	0.09	0.23	0.19
18	2.89	607.76	8.23	8.39	8.25	28.23	12.21	1.49	0.12	0.08	0.28	0.24
19	3.52	12,108.15	7.24	6.77	6.46	23.05	12.63	1.28	0.12	0.08	0.32	0.30
20	3.64	1,162.43	7.08	5,236.47	7.35	17.69	12.24	0.74	0.12	0.08	0.25	0.55
21	3.11	2,666.59	4.71	2,103.85	8.80	16.76	10.10	0.55	0.12	0.08	0.26	0.21
22	3.20	1,143.85	1,222.88	82,590.56	8.36	15.63	10.85	0.15	0.12	0.08	0.29	0.22
23	3.83	5.22	2,056.79	5,273.88	6.52	13.03	3,229.36	0.15	0.11	0.08	0.25	0.16
24	4.04	3.94	6,666.69	16,382.94	4.93	11.48	1,634.89	0.15	0.11	0.08	0.27	0.13
25	2.64	4.30	1,164.28	4,328.39	2.34	9.52	434.54	0.15	0.11	0.08	0.30	0.15
26	1.96	3.77	1,172.35	2,327.60	12.44	6.21	614.91	0.14	0.11	0.08	0.27	0.14
27	1.87	4.02	43,125.76	1,465.34	9.44	3.91	3.85	0.14	0.11	0.07	0.30	0.20
28	2.12	3.11	17,888.85	17.08	10.87	4.56	1.99	0.14	0.11	0.07	0.27	0.24
29	1.35	3.28	3,139.84	12.72	10.48	5.79	2.19	0.14	0.11	0.07	1.97	0.23
30	64,578.87	3.85	1,833.19		10.65	6.42	2.36	0.14	0.11	0.07	0.56	0.23
31		3.34	15.38		10.38		2.00		0.10	0.07		0.26
Total	64,670	66,576	244,423	157,275	301	615	6,414	32	4	3	8	7

Loma Alta Mass Emission Station Loading Summary – Fecal Coliform (G-org)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	18.87	19,769.74	3.57	24.40	18.96	102.48	16.92	4.96	0.85	0.64	0.42	1.15
2	15.13	2,367.69	4.15	45.38	20.48	36.26	19.88	5.77	0.84	0.63	0.41	0.92
3	13.49	837.84	4.15	1,695.40	22.56	37.28	25.65	5.54	0.84	0.62	0.41	0.73
4	11.16	12.51	3.59	5,917.23	21.37	47.56	37.56	5.71	0.83	0.61	0.40	0.70
5	12.44	9.50	19,418.90	1,995.22	19.61	50.20	45.94	5.88	0.82	0.61	0.49	3.14
6	16.46	6.66	11,745.31	1,528.66	21.25	51.28	55.47	6.24	0.82	0.60	0.44	1.59
7	15.22	9,700.87	28,559.07	50.41	16.41	61.68	66.38	5.40	0.61	0.59	0.57	0.76
8	22.75	4,287.80	3,125.03	34.96	19.87	75.20	70.93	5.70	0.18	0.59	0.55	1.95
9	19.26	3,826.64	1,594.96	17.89	19.86	76.23	79.80	3.63	0.61	0.58	0.45	0.54
10	13.53	1,061.80	1,278.02	17.14	18.09	86.20	77.13	2.45	0.79	0.57	0.56	0.76
11	9.04	725.02	19.93	25.61	19.08	86.88	76.68	2.17	0.78	0.57	0.64	0.67
12	9.67	10.89	16.40	18.02	19.35	74.27	91.44	2.44	0.77	0.56	0.69	0.51
13	8.15	10.57	14.31	18.02	18.06	71.94	77.01	2.11	0.77	0.51	0.78	0.31
14	6.75	7.69	5.78	6,776.07	18.92	91.24	77.15	1.90	2.05	0.66	0.54	0.47
15	11.42	6.53	3.82	3,119.71	19.60	99.08	80.41	2.71	0.52	0.79	1.00	0.31
16	9.33	5.78	4.70	1,139.16	29.09	96.20	69.54	2.71	0.65	0.85	1.08	0.68
17	10.27	5.75	11.12	836.43	23.55	78.24	139.87	3.31	0.74	0.52	0.91	0.75
18	11.35	530.21	13.36	13.62	21.25	72.70	31.44	3.85	0.73	0.51	1.09	0.95
19	13.81	10,563.11	11.74	10.98	16.63	59.37	32.53	3.29	0.73	0.51	1.25	1.19
20	14.30	1,014.10	11.48	4,568.28	18.93	45.56	31.53	1.89	0.72	0.50	0.98	2.16
21	12.20	2,326.32	7.63	1,835.39	22.67	43.15	26.01	1.42	0.71	0.50	1.03	0.84
22	12.56	997.89	1,066.84	72,051.73	21.54	40.24	27.93	0.91	0.71	0.49	1.14	0.86
23	15.05	8.47	6,169.23	4,600.91	16.78	33.55	2,817.28	0.91	0.70	0.48	0.97	0.61
24	15.86	6.39	2,380.96	14,292.43	4.46	29.56	1,426.28	0.90	0.69	0.48	1.06	0.51
25	10.38	6.98	1,015.71	3,776.07	12.08	24.52	379.09	0.89	0.68	0.47	1.19	0.57
26	7.69	6.12	1,022.75	2,030.59	7.77	15.99	536.45	0.89	0.68	0.46	1.05	0.57
27	7.34	6.52	37,622.77	1,278.36	24.32	10.06	9.93	0.88	0.67	0.45	1.19	0.79
28	8.32	5.05	15,606.17	27.71	27.99	11.73	5.12	0.87	0.66	0.45	1.05	0.94
29	5.31	5.32	2,739.19	20.63	27.00	14.90	5.63	0.87	0.66	0.44	7.75	0.89
30	56,338.39	6.25	1,599.27		27.42	16.54	6.08	0.86	0.65	0.43	2.19	0.91
31		5.42	24.95		33.41		5.15		0.64	0.43		1.01
Total	56,696	58,141	135,105	127,766	628	1,640	6,448	87	23	17	32	29

Loma Alta Mass Emission Station Loading Summary – Total Coliform (G-org)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	38.00	85,873.90	8.55	58.45	45.43	126.80	37.75	11.07	1.27	0.95	0.63	2.31
2	30.47	10,284.53	9.95	108.71	49.06	80.89	44.35	12.86	1.26	0.94	0.62	1.86
3	27.16	3,639.34	9.93	34,905.21	54.06	83.16	57.23	12.36	1.25	0.93	0.61	1.46
4	22.46	29.96	8.61	25,702.70	51.21	106.11	83.78	12.73	1.24	0.92	0.60	1.42
5	25.04	22.75	123,463.84	8,666.63	46.98	111.98	102.49	13.12	1.23	0.91	0.73	6.33
6	33.14	15.95	11,745.31	6,640.03	50.90	114.41	123.76	13.93	1.22	0.90	0.66	3.20
7	30.64	42,137.69	178,494.22	63.77	39.31	148.60	148.09	12.04	0.88	0.89	0.85	1.81
8	45.80	18,624.91	13,574.20	58.00	47.60	167.76	158.24	12.72	1.20	0.88	0.81	1.95
9	38.78	16,621.79	6,928.01	42.86	47.57	170.06	178.02	8.10	1.37	0.87	0.68	1.69
10	27.25	4,612.15	5,551.34	41.06	43.33	192.30	172.07	5.47	1.18	0.86	0.83	1.53
11	18.21	3,149.29	47.73	45.93	45.71	193.81	171.07	4.84	1.17	0.85	0.95	1.35
12	19.48	26.09	39.28	43.17	43.17	165.69	204.00	5.45	1.16	0.83	1.03	1.02
13	16.42	25.33	34.29	43.17	40.28	160.49	171.81	4.71	1.15	0.76	1.16	1.12
14	13.59	18.43	22.56	29,433.22	42.21	203.54	172.11	4.25	2.05	0.98	0.81	0.79
15	22.99	15.64	24.02	13,551.09	43.72	221.03	179.38	6.04	0.59	1.18	2.01	1.07
16	18.79	13.86	37.09	4,948.17	64.89	214.60	155.14	6.04	0.88	1.27	2.17	1.37
17	20.67	13.78	26.63	3,633.21	52.55	174.54	312.03	7.38	1.10	0.78	1.84	1.51
18	22.86	2,303.06	32.00	32.62	47.40	162.18	70.15	8.58	1.09	0.76	2.19	1.91
19	27.81	45,883.02	28.13	26.31	37.09	132.44	72.57	7.34	1.08	0.76	2.51	2.40
20	28.79	4,404.97	27.51	19,843.26	42.23	101.63	70.34	4.22	1.07	0.75	1.97	4.35
21	24.56	10,104.86	18.29	7,972.38	50.58	96.27	58.02	3.17	1.06	0.74	2.08	1.70
22	25.28	4,334.54	4,634.02	312,971.31	48.05	89.78	62.31	1.36	1.05	0.73	2.30	1.74
23	30.31	20.29	18,211.43	19,985.00	37.44	74.85	12,237.44	1.35	1.04	0.72	1.94	1.23
24	31.94	15.31	3,809.54	62,082.05	27.06	65.95	6,195.32	1.34	1.03	0.71	2.13	1.03
25	20.91	16.71	4,411.94	16,402.14	26.88	54.70	1,646.66	1.33	1.02	0.70	2.40	1.15
26	15.49	14.66	4,442.54	8,820.27	30.12	35.67	2,330.16	1.32	1.01	0.69	2.11	1.14
27	14.78	15.62	163,422.13	5,552.82	54.26	22.45	22.14	1.31	1.00	0.68	2.39	1.59
28	16.76	12.10	67,788.58	66.39	62.45	26.17	11.43	1.30	0.99	0.67	2.12	1.89
29	10.69	12.75	11,898.23	49.42	60.24	33.25	12.56	1.29	0.98	0.66	15.60	1.80
30	244,717.25	14.97	6,946.74		61.17	36.90	13.57	1.28	0.97	0.65	4.41	1.83
31		12.99	59.77		99.97		11.50		0.96	0.64		2.03
Total	245,436	252,291	625,756	581,789	1,493	3,568	25,285	188	35	26	61	58

Loma Alta Mass Emission Station Loading Summary – TSS (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	259.82	43,905.57	7.81	53.37	41.48	528.45	119.68	35.11	6.18	4.61	3.05	15.81
2	208.31	5,258.27	9.09	99.25	44.79	256.46	140.61	40.79	6.13	4.56	3.00	12.71
3	185.69	1,860.72	9.07	22,206.39	49.36	263.66	181.46	39.18	6.07	4.51	2.95	10.00
4	153.58	27.36	7.86	13,141.27	46.75	336.44	265.64	40.38	6.02	4.46	2.90	9.70
5	171.18	20.77	77,929.10	4,431.07	42.90	355.06	324.96	41.59	5.97	4.41	3.56	43.27
6	226.61	14.56	10,287.63	3,394.91	46.47	362.74	392.39	44.16	5.92	4.36	3.22	21.89
7	209.49	21,544.14	175,113.04	35.78	35.89	142.17	469.55	38.17	7.54	4.31	4.13	3.29
8	313.15	9,522.54	6,940.21	79.92	43.46	531.90	501.74	40.32	5.48	4.26	3.96	0.46
9	265.13	8,498.38	3,542.15	39.14	43.44	539.18	564.45	25.68	4.79	4.21	3.28	4.86
10	186.29	2,358.10	2,838.29	37.49	39.57	609.70	545.56	17.35	5.72	4.16	4.06	10.43
11	124.51	1,610.17	43.58	61.37	41.73	614.49	542.39	15.35	5.67	4.11	4.64	9.24
12	133.18	23.82	35.87	39.41	136.86	525.35	646.80	17.28	5.62	4.06	4.98	6.96
13	112.26	23.13	31.31	39.42	127.72	508.86	544.75	14.92	5.57	3.69	5.66	34.69
14	92.89	16.82	39.80	15,048.60	133.84	645.36	545.71	13.47	6.38	4.76	3.95	4.80
15	157.21	14.28	17.53	6,928.40	138.60	700.80	568.75	19.15	1.26	5.74	13.74	0.96
16	128.46	12.65	2.49	2,529.90	205.75	680.42	491.88	19.17	8.44	6.18	14.81	9.33
17	141.32	12.58	24.32	1,857.59	166.61	553.39	989.33	23.41	5.37	3.78	12.56	10.34
18	156.28	1,177.51	29.22	29.78	150.29	514.21	222.41	27.21	5.32	3.70	14.99	13.04
19	190.16	23,459.05	25.69	24.02	117.60	419.93	230.08	23.29	5.27	3.70	17.18	16.39
20	196.85	2,252.17	25.12	10,145.45	133.88	322.24	223.02	13.39	5.22	3.65	13.50	29.74
21	167.90	5,166.41	16.70	4,076.12	160.38	305.23	183.94	10.05	5.17	3.60	14.23	11.61
22	172.86	2,216.16	2,369.28	160,015.83	152.35	284.65	197.57	6.63	5.12	3.55	15.72	11.89
23	207.24	18.52	6,994.56	10,217.92	118.70	237.33	6,256.75	6.58	5.07	3.50	13.29	8.39
24	218.34	13.98	11,022.06	31,741.28	75.44	209.11	3,167.54	6.53	5.02	3.45	14.56	7.02
25	142.94	15.26	2,255.74	8,386.08	36.50	173.43	841.91	6.48	4.96	3.40	16.39	7.88
26	105.90	13.39	2,271.38	4,509.62	57.83	113.10	1,191.36	6.43	4.91	3.35	14.44	7.81
27	101.04	14.26	83,554.39	2,839.04	172.05	71.18	70.21	6.38	4.86	3.30	16.33	10.85
28	114.57	11.05	34,658.92	60.62	198.01	82.99	36.23	6.33	4.81	3.25	14.50	12.89
29	73.09	11.64	6,083.32	45.12	190.99	105.42	39.81	6.28	4.76	3.20	106.66	12.28
30	125,118.93	13.67	3,551.73		193.96	117.01	43.02	6.23	4.71	3.15	30.13	12.50
31		11.86	54.57		502.18		36.46		4.66	3.10		13.90
Total	130,035	129,119	429,792	302,114	3,645	11,110	20,576	617	168	124	396	385

Loma Alta Mass Emission Station Loading Summary – Ammonia as N (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	1.07	72.80	0.07	0.47	0.36	0.70	0.46	0.14	0.03	0.02	0.02	0.07
2	0.86	8.72	0.08	0.87	0.39	0.99	0.54	0.16	0.03	0.02	0.02	0.05
3	0.77	3.09	0.08	98.94	0.43	1.02	0.70	0.15	0.03	0.02	0.02	0.04
4	0.63	0.24	0.07	21.79	0.41	1.30	1.03	0.16	0.03	0.02	0.02	0.04
5	0.71	0.18	59.11	7.35	0.38	1.37	1.25	0.16	0.03	0.02	0.02	0.18
6	0.94	0.13	3.59	5.63	0.41	1.40	1.52	0.17	0.03	0.02	0.02	0.09
7	0.87	35.72	46.43	0.44	0.31	1.65	1.81	0.15	0.04	0.02	0.02	0.04
8	1.29	15.79	11.51	0.37	0.38	2.05	1.94	0.16	0.03	0.02	0.02	0.03
9	1.10	14.09	5.87	0.34	0.38	2.08	2.18	0.10	0.04	0.02	0.02	0.03
10	0.77	3.91	4.71	0.33	0.35	2.35	2.11	0.07	0.03	0.02	0.02	0.04
11	0.51	2.67	0.38	0.32	0.37	2.37	2.09	0.06	0.03	0.02	0.02	0.04
12	0.55	0.21	0.31	0.35	0.53	2.03	2.50	0.07	0.03	0.02	0.03	0.03
13	0.46	0.20	0.27	0.35	0.49	1.97	2.10	0.06	0.03	0.02	0.03	0.10
14	0.38	0.15	0.22	24.95	0.52	2.49	2.11	0.05	0.02	0.02	0.02	0.02
15	0.65	0.13	0.27	11.49	0.54	2.71	2.20	0.07	0.01	0.03	0.06	0.01
16	0.53	0.11	0.28	4.20	0.79	2.63	1.90	0.07	0.03	0.03	0.06	0.04
17	0.58	0.11	0.21	3.08	0.64	2.14	3.82	0.09	0.03	0.02	0.05	0.04
18	0.65	1.95	0.26	0.26	0.58	1.99	0.86	0.11	0.03	0.02	0.06	0.05
19	0.79	38.90	0.23	0.21	0.45	1.62	0.89	0.09	0.03	0.02	0.07	0.07
20	0.81	3.73	0.22	16.82	0.52	1.24	0.86	0.05	0.03	0.02	0.06	0.12
21	0.69	8.57	0.15	6.76	0.62	1.18	0.71	0.04	0.03	0.02	0.06	0.05
22	0.71	3.67	3.93	265.34	0.59	1.10	0.76	0.03	0.03	0.02	0.06	0.05
23	0.86	0.16	7.56	16.94	0.46	0.92	10.37	0.03	0.03	0.02	0.05	0.03
24	0.90	0.12	5.74	52.63	0.69	0.81	5.25	0.03	0.03	0.02	0.06	0.03
25	0.59	0.13	3.74	13.91	0.78	0.67	1.40	0.03	0.03	0.02	0.07	0.03
26	0.44	0.12	3.77	7.48	0.33	0.44	1.98	0.03	0.03	0.02	0.06	0.03
27	0.42	0.13	138.55	4.71	0.66	0.27	0.27	0.03	0.03	0.02	0.07	0.04
28	0.47	0.10	57.47	0.53	0.76	0.32	0.14	0.03	0.03	0.02	0.06	0.05
29	0.30	0.10	10.09	0.40	0.74	0.41	0.15	0.03	0.02	0.02	0.44	0.05
30	207.47	0.12	5.89		0.75	0.45	0.17	0.03	0.02	0.02	0.12	0.05
31		0.10	0.48		0.82		0.14		0.02	0.02		0.06
Total	228	216	372	567	16	43	54	2.5	0.9	0.6	1.7	1.6

Loma Alta Mass Emission Station Loading Summary – CBOD (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	6.32	1,278.98	2.17	14.86	11.55	38.29	12.81	3.76	0.78	0.58	0.38	0.38
2	5.07	153.17	2.53	27.63	12.47	27.44	15.05	4.36	0.77	0.57	0.38	0.31
3	4.52	54.20	2.53	219.87	13.74	28.21	19.42	4.19	0.76	0.57	0.37	0.24
4	3.74	7.62	2.19	382.81	13.02	36.00	28.43	4.32	0.76	0.56	0.36	0.24
5	4.16	5.78	2,281.44	129.08	11.94	37.99	34.77	4.45	0.75	0.55	0.45	1.05
6	5.51	4.06	588.50	98.89	12.94	38.82	41.99	4.73	0.74	0.55	0.40	0.53
7	5.10	627.59	1,888.86	21.05	9.99	61.81	50.25	4.08	0.50	0.54	0.52	0.25
8	7.62	277.39	202.17	5.15	12.10	56.92	53.69	4.31	0.50	0.53	0.50	0.20
9	6.45	247.56	103.18	10.90	12.09	57.70	60.40	2.75	0.49	0.53	0.41	0.19
10	4.53	68.69	82.68	10.44	11.02	65.24	58.38	1.86	0.72	0.52	0.51	0.25
11	3.03	46.90	12.13	15.34	11.62	65.76	58.04	1.64	0.71	0.52	0.58	0.22
12	3.24	6.63	9.99	10.97	14.65	56.22	69.21	1.85	0.71	0.51	0.63	0.17
13	2.73	6.44	8.72	10.97	13.67	54.45	58.29	1.60	0.70	0.46	0.71	0.42
14	2.26	4.68	9.95	438.37	14.32	69.06	58.40	1.44	0.47	0.60	0.50	0.13
15	3.82	3.98	8.77	201.83	14.83	74.99	60.86	2.05	0.47	0.72	0.33	0.14
16	3.13	3.52	2.89	73.70	22.02	72.81	52.64	2.05	1.76	0.78	0.36	0.23
17	3.44	3.50	6.77	54.11	17.83	59.22	105.87	2.51	0.67	0.47	0.31	0.25
18	3.80	34.30	8.13	8.29	16.08	55.03	23.80	2.91	0.67	0.46	0.36	0.32
19	4.63	683.37	7.15	6.69	12.58	44.94	24.62	2.49	0.66	0.46	0.42	0.40
20	4.79	65.61	6.99	295.54	14.33	34.48	23.87	1.43	0.65	0.46	0.33	0.72
21	4.09	150.50	4.65	118.74	17.16	32.66	19.68	1.08	0.65	0.45	0.35	0.28
22	4.21	64.56	69.02	4,661.30	16.30	30.46	21.14	0.83	0.64	0.45	0.38	0.29
23	5.04	5.16	425.99	297.65	12.70	25.40	182.26	0.83	0.64	0.44	0.32	0.20
24	5.31	3.89	268.38	924.63	5.09	22.38	92.27	0.82	0.63	0.43	0.35	0.17
25	3.48	4.25	65.71	244.29	21.47	18.56	24.52	0.81	0.62	0.43	0.40	0.19
26	2.58	3.73	66.17	131.37	21.42	12.10	34.70	0.81	0.62	0.42	0.35	0.19
27	2.46	3.97	2,433.96	82.70	18.41	7.62	7.51	0.80	0.61	0.41	0.40	0.26
28	2.79	3.08	1,009.62	16.88	21.19	8.88	3.88	0.79	0.60	0.41	0.35	0.31
29	1.78	3.24	177.21	12.56	20.44	11.28	4.26	0.79	0.60	0.40	2.60	0.30
30	3,644.74	3.81	103.46		20.76	12.52	4.60	0.78	0.59	0.40	0.73	0.30
31		3.30	15.19		8.09		3.90		0.59	0.39		0.34
Total	3,764	3,833	9,877	8,527	456	1,217	1,310	67.1	21.0	15.6	15.0	9.5

Loma Alta Mass Emission Station Loading Summary – Chlorophyll *a* (lbs)

	2007		2008									
Day	November ¹	December ¹	January ¹	February ¹	March	April	May ¹	June	July	August	September	October
1	0.152	No Data	0.008	0.056	0.043	0.536	0.281	0.082	0.004	0.003	0.002	0.009
2	0.122	No Data	0.009	0.104	0.047	0.602	0.330	0.096	0.004	0.003	0.002	0.007
3	0.109	No Data	0.009	No Data	0.052	0.619	0.426	0.092	0.004	0.003	0.002	0.006
4	0.090	0.029	0.008	No Data	0.049	0.790	0.624	0.095	0.004	0.003	0.002	0.006
5	0.100	0.022	No Data	No Data	0.045	0.834	0.763	0.098	0.004	0.003	0.002	0.025
6	0.133	0.015	No Data	No Data	0.049	0.852	0.921	0.104	0.004	0.003	0.002	0.013
7	0.123	No Data	No Data	0.038	0.038	0.865	1.103	0.090	0.004	0.003	0.003	0.002
8	0.183	No Data	No Data	0.066	0.045	1.249	1.178	0.095	0.003	0.003	0.002	0.001
9	0.155	No Data	No Data	0.041	0.045	1.266	1.325	0.060	0.005	0.003	0.002	0.023
10	0.109	No Data	No Data	0.039	0.041	1.432	1.281	0.041	0.004	0.003	0.003	0.006
11	0.073	No Data	0.046	0.041	0.044	1.443	1.274	0.036	0.004	0.003	0.003	0.005
12	0.078	0.025	0.038	0.041	0.321	1.234	1.519	0.041	0.004	0.003	0.003	0.004
13	0.066	0.024	0.033	0.041	0.300	1.195	1.279	0.035	0.004	0.002	0.004	0.001
14	0.054	0.018	0.032	No Data	0.314	1.515	1.281	0.032	0.003	0.003	0.002	0.006
15	0.092	0.015	0.010	No Data	0.325	1.646	1.336	0.045	0.002	0.004	0.008	0.001
16	0.075	0.013	0.047	No Data	0.483	1.598	1.155	0.045	0.003	0.004	0.009	0.005
17	0.083	0.013	0.025	No Data	0.391	1.299	2.323	0.055	0.003	0.002	0.007	0.006
18	0.092	No Data	0.031	0.031	0.353	1.207	0.522	0.064	0.003	0.002	0.009	0.008
19	0.111	No Data	0.027	0.025	0.276	0.986	0.540	0.055	0.003	0.002	0.010	0.010
20	0.115	No Data	0.026	No Data	0.314	0.757	0.524	0.031	0.003	0.002	0.008	0.017
21	0.098	No Data	0.017	No Data	0.377	0.717	0.432	0.024	0.003	0.002	0.008	0.007
22	0.101	No Data	No Data	No Data	0.358	0.668	0.464	0.004	0.003	0.002	0.009	0.007
23	0.121	0.019	No Data	No Data	0.279	0.557	No Data	0.004	0.003	0.002	0.008	0.005
24	0.128	0.015	No Data	No Data	0.658	0.491	No Data	0.004	0.003	0.002	0.009	0.004
25	0.084	0.016	No Data	No Data	0.152	0.407	No Data	0.004	0.003	0.002	0.010	0.005
26	0.062	0.014	No Data	No Data	0.182	0.266	No Data	0.004	0.003	0.002	0.008	0.005
27	0.059	0.015	No Data	No Data	0.404	0.167	0.165	0.004	0.003	0.002	0.010	0.006
28	0.067	0.012	No Data	0.063	0.465	0.195	0.085	0.004	0.003	0.002	0.008	0.008
29	0.043	0.012	No Data	0.047	0.448	0.248	0.093	0.004	0.003	0.002	0.062	0.007
30	No Data	0.014	No Data		0.455	0.275	0.101	0.004	0.003	0.002	0.018	0.007
31		0.012	0.057		0.541		0.086		0.003	0.002		0.008
Total	2.88	0.30	0.42	0.63	7.90	25.92	21.41	1.35	0.11	0.08	0.23	0.23

¹Wet weather chlorophyll *a* data was not collected per the QAPP, thus monthly totals reflect only partial loading values.

Loma Alta Mass Emission Station Loading Summary – Nitrate + Nitrite as N (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	5.16	145.14	2.03	13.87	10.78	8.26	3.57	1.05	0.18	0.14	0.09	0.31
2	4.13	17.38	2.36	25.78	11.64	7.65	4.19	1.22	0.18	0.13	0.09	0.25
3	3.68	6.15	2.36	59.36	12.82	7.86	5.41	1.17	0.18	0.13	0.09	0.20
4	3.05	7.11	2.04	43.44	12.15	10.03	7.92	1.20	0.18	0.13	0.09	0.19
5	3.40	5.40	230.70	14.65	11.14	10.59	9.69	1.24	0.18	0.13	0.10	0.86
6	4.50	3.78	130.70	11.22	12.07	10.81	11.70	1.32	0.17	0.13	0.09	0.43
7	4.16	71.22	787.02	15.62	9.32	5.80	14.00	1.14	0.12	0.13	0.12	0.13
8	6.21	31.48	22.94	9.33	11.29	15.86	14.96	1.20	0.09	0.13	0.12	0.08
9	5.26	28.09	11.71	10.17	11.28	16.07	16.83	0.77	0.11	0.12	0.10	0.09
10	3.70	7.80	9.38	9.74	10.28	18.18	16.26	0.52	0.17	0.12	0.12	0.21
11	2.47	5.32	11.32	5.69	10.84	18.32	16.17	0.46	0.17	0.12	0.14	0.18
12	2.64	6.19	9.32	10.24	4.08	15.66	19.28	0.52	0.17	0.12	0.15	0.14
13	2.23	6.01	8.13	10.24	3.81	15.17	16.24	0.44	0.16	0.11	0.17	0.47
14	1.84	4.37	9.20	49.75	3.99	19.24	16.27	0.40	0.03	0.14	0.12	0.15
15	3.12	3.71	8.17	22.90	4.13	20.89	16.96	0.57	0.63	0.17	0.27	0.10
16	2.55	3.29	7.76	8.36	6.13	20.29	14.66	0.57	0.00	0.18	0.29	0.19
17	2.80	3.27	6.32	6.14	4.97	16.50	29.50	0.70	0.16	0.11	0.25	0.21
18	3.10	3.89	7.59	7.74	4.48	15.33	6.63	0.81	0.16	0.11	0.30	0.26
19	3.77	77.55	6.67	6.24	3.51	12.52	6.86	0.69	0.16	0.11	0.34	0.33
20	3.91	7.44	6.53	33.54	3.99	9.61	6.65	0.40	0.15	0.11	0.27	0.59
21	3.33	17.08	4.34	13.47	4.78	9.10	5.48	0.30	0.15	0.11	0.28	0.23
22	3.43	7.33	7.83	528.96	4.54	8.49	5.89	0.20	0.15	0.10	0.31	0.24
23	4.11	4.81	18.17	33.78	3.54	7.08	20.68	0.19	0.15	0.10	0.26	0.17
24	4.33	3.63	52.12	104.93	3.00	6.23	10.47	0.19	0.15	0.10	0.29	0.14
25	2.84	3.96	7.46	27.72	7.28	5.17	2.78	0.19	0.15	0.10	0.33	0.16
26	2.10	3.48	7.51	14.91	5.25	3.37	3.94	0.19	0.14	0.10	0.29	0.16
27	2.00	3.70	276.20	9.38	5.13	2.12	2.09	0.19	0.14	0.10	0.32	0.22
28	2.27	2.87	114.57	15.75	5.90	2.47	1.08	0.19	0.14	0.10	0.29	0.26
29	1.45	3.02	20.11	11.72	5.69	3.14	1.19	0.18	0.14	0.09	2.12	0.24
30	413.60	3.55	11.74		5.78	3.49	1.28	0.18	0.14	0.09	0.60	0.25
31		3.08	14.18		5.90		1.09		0.14	0.09		0.28
Total	511.2	501.1	1816.5	1134.6	219.5	325.3	309.7	18.4	4.9	3.7	8.4	7.7

Loma Alta Mass Emission Station Loading Summary – SRP (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	0.768	67.773	0.176	1.206	0.937	0.237	0.156	0.046	0.010	0.008	0.005	0.047
2	0.616	8.117	0.205	2.243	1.012	0.334	0.183	0.053	0.010	0.007	0.005	0.038
3	0.549	2.872	0.205	33.020	1.115	0.343	0.236	0.051	0.010	0.007	0.005	0.030
4	0.454	0.618	0.178	20.285	1.056	0.438	0.346	0.053	0.010	0.007	0.005	0.029
5	0.506	0.469	113.014	6.840	0.969	0.463	0.423	0.054	0.010	0.007	0.006	0.128
6	0.670	0.329	59.016	5.240	1.050	0.473	0.511	0.058	0.010	0.007	0.005	0.065
7	0.620	33.256	346.291	2.477	0.811	0.383	0.612	0.050	0.005	0.007	0.007	0.008
8	0.926	14.699	10.713	1.540	0.982	0.693	0.654	0.053	0.005	0.007	0.006	0.007
9	0.784	13.118	5.468	0.884	0.981	0.702	0.735	0.033	0.005	0.007	0.005	0.007
10	0.551	3.640	4.381	0.847	0.894	0.794	0.711	0.023	0.009	0.007	0.007	0.031
11	0.368	2.485	0.985	0.523	0.943	0.800	0.707	0.020	0.009	0.007	0.008	0.027
12	0.394	0.538	0.810	0.891	0.178	0.684	0.843	0.023	0.009	0.007	0.008	0.021
13	0.332	0.523	0.707	0.891	0.166	0.663	0.710	0.019	0.009	0.006	0.009	0.107
14	0.275	0.380	0.308	23.229	0.174	0.841	0.711	0.018	0.003	0.008	0.006	0.013
15	0.465	0.323	0.489	10.695	0.181	0.913	0.741	0.025	0.026	0.009	0.041	0.003
16	0.380	0.286	0.463	3.905	0.268	0.886	0.641	0.025	0.011	0.010	0.044	0.028
17	0.418	0.284	0.549	2.867	0.217	0.721	1.289	0.030	0.009	0.006	0.037	0.031
18	0.462	1.818	0.660	0.673	0.196	0.670	0.290	0.035	0.009	0.006	0.044	0.039
19	0.562	36.212	0.580	0.543	0.153	0.547	0.300	0.030	0.009	0.006	0.051	0.048
20	0.582	3.476	0.568	15.661	0.174	0.420	0.291	0.017	0.009	0.006	0.040	0.088
21	0.497	7.975	0.377	6.292	0.209	0.398	0.240	0.013	0.008	0.006	0.042	0.034
22	0.511	3.421	3.657	247.002	0.198	0.371	0.257	0.011	0.008	0.006	0.046	0.035
23	0.613	0.419	4.014	15.772	0.155	0.309	9.658	0.011	0.008	0.006	0.039	0.025
24	0.646	0.316	18.036	48.996	0.217	0.272	4.889	0.011	0.008	0.006	0.043	0.021
25	0.423	0.345	3.482	12.945	0.399	0.226	1.300	0.011	0.008	0.006	0.048	0.023
26	0.313	0.302	3.506	6.961	0.133	0.147	1.839	0.011	0.008	0.005	0.043	0.023
27	0.299	0.322	128.975	4.382	0.224	0.093	0.091	0.010	0.008	0.005	0.048	0.032
28	0.339	0.250	53.500	1.370	0.258	0.108	0.047	0.010	0.008	0.005	0.043	0.038
29	0.216	0.263	9.390	1.020	0.249	0.137	0.052	0.010	0.008	0.005	0.315	0.036
30	193.135	0.309	5.482		0.253	0.152	0.056	0.010	0.008	0.005	0.089	0.037
31		0.268	1.233		0.173		0.047		0.008	0.005		0.041
Total	207.67	205.41	777.42	479.20	14.93	14.22	29.56	0.82	0.27	0.20	1.10	1.14

Loma Alta Mass Emission Station Loading Summary – Total Nitrogen (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	11.50	431.22	3.45	23.59	18.33	53.29	18.94	5.56	0.49	0.37	0.24	0.70
2	9.22	51.64	4.02	43.87	19.80	40.59	22.25	6.46	0.49	0.36	0.24	0.56
3	8.22	18.28	4.01	209.12	21.81	41.73	28.72	6.20	0.48	0.36	0.23	0.44
4	6.80	12.09	3.47	129.07	20.66	53.25	42.04	6.39	0.48	0.35	0.23	0.43
5	7.57	9.18	542.53	43.52	18.96	56.19	51.43	6.58	0.47	0.35	0.28	1.91
6	10.03	6.44	307.49	33.34	20.54	57.41	62.10	6.99	0.47	0.35	0.25	0.97
7	9.27	211.60	1,747.82	26.33	15.86	59.51	74.31	6.04	0.51	0.34	0.33	0.31
8	13.86	93.53	68.16	15.22	19.21	84.18	79.41	6.38	0.39	0.34	0.31	0.49
9	11.73	83.47	34.79	17.30	19.20	85.33	89.33	4.06	0.44	0.33	0.26	0.30
10	8.24	23.16	27.88	16.57	17.49	96.49	86.34	2.75	0.45	0.33	0.32	0.46
11	5.51	15.81	19.26	15.39	18.44	97.25	85.84	2.43	0.45	0.33	0.37	0.41
12	5.89	10.53	15.85	17.42	21.66	83.14	102.36	2.74	0.45	0.32	0.39	0.31
13	4.97	10.22	13.84	17.42	20.21	80.53	86.21	2.36	0.44	0.29	0.45	0.90
14	4.11	7.44	10.19	147.80	21.18	102.14	86.36	2.13	0.34	0.38	0.31	0.21
15	6.96	6.31	13.51	68.05	21.94	110.91	90.01	3.03	0.40	0.46	0.61	0.18
16	5.68	5.59	15.89	24.85	32.56	107.69	77.85	3.03	0.60	0.49	0.66	0.41
17	6.25	5.56	10.75	18.24	26.37	87.58	156.57	3.70	0.43	0.30	0.56	0.46
18	6.92	11.57	12.91	13.16	23.78	81.38	35.20	4.31	0.42	0.29	0.66	0.58
19	8.41	230.41	11.35	10.62	18.61	66.46	36.41	3.69	0.42	0.29	0.76	0.73
20	8.71	22.12	11.10	99.65	21.19	51.00	35.30	2.12	0.41	0.29	0.60	1.32
21	7.43	50.74	7.38	40.03	25.38	48.31	29.11	1.59	0.41	0.29	0.63	0.51
22	7.65	21.77	23.27	1,571.62	24.11	45.05	31.27	0.53	0.41	0.28	0.70	0.53
23	9.17	8.19	54.83	100.36	18.79	37.56	61.45	0.52	0.40	0.28	0.59	0.37
24	9.66	6.18	122.46	311.75	17.69	33.09	31.11	0.52	0.40	0.27	0.64	0.31
25	6.32	6.74	22.16	82.37	23.23	27.45	8.27	0.51	0.39	0.27	0.73	0.35
26	4.69	5.92	22.31	44.29	24.61	17.90	11.70	0.51	0.39	0.27	0.64	0.35
27	4.47	6.30	820.64	27.88	27.23	11.26	11.11	0.51	0.39	0.26	0.72	0.48
28	5.07	4.88	340.41	26.79	31.34	13.13	5.73	0.50	0.38	0.26	0.64	0.57
29	3.23	5.15	59.75	19.94	30.23	16.68	6.30	0.50	0.38	0.25	4.72	0.54
30	1,228.87	6.04	34.88		30.70	18.52	6.81	0.49	0.37	0.25	1.33	0.55
31		5.24	24.12		32.93		5.77		0.37	0.25		0.61
Total	1446.4	1393.3	4410.5	3215.6	704.0	1765.0	1555.6	93.1	13.3	9.8	19.4	17.2

Loma Alta Mass Emission Station Loading Summary – Total Dissolved Nitrogen (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	11.75	327.76	3.74	25.60	19.89	35.29	19.22	5.64	0.44	0.33	0.22	0.71
2	9.42	39.25	4.36	47.60	21.48	41.18	22.58	6.55	0.44	0.32	0.21	0.57
3	8.40	13.89	4.35	131.41	23.67	42.33	29.13	6.29	0.43	0.32	0.21	0.45
4	6.94	13.12	3.77	98.10	22.42	54.02	42.65	6.48	0.43	0.32	0.21	0.44
5	7.74	9.96	426.69	33.08	20.57	57.01	52.18	6.68	0.43	0.31	0.25	1.96
6	10.25	6.98	195.32	25.34	22.29	58.24	63.00	7.09	0.42	0.31	0.23	0.99
7	9.47	160.83	665.97	31.32	17.21	51.69	75.39	6.13	0.19	0.31	0.29	0.27
8	14.16	71.09	51.81	20.79	20.84	85.40	80.56	6.47	0.45	0.30	0.28	0.51
9	11.99	63.44	26.44	18.77	20.83	86.57	90.63	4.12	0.53	0.30	0.23	0.34
10	8.42	17.60	21.19	17.98	18.97	97.89	87.60	2.79	0.41	0.30	0.29	0.47
11	5.63	12.02	20.90	16.27	20.01	98.66	87.09	2.47	0.40	0.29	0.33	0.42
12	6.02	11.42	17.20	18.90	21.97	84.35	103.85	2.77	0.40	0.29	0.35	0.31
13	5.08	11.09	15.01	18.90	20.51	81.70	87.46	2.40	0.40	0.26	0.40	0.83
14	4.20	8.07	9.85	112.34	21.49	103.62	87.62	2.16	0.36	0.34	0.28	0.24
15	7.11	6.85	13.48	51.72	22.25	112.52	91.32	3.07	0.42	0.41	0.62	0.24
16	5.81	6.07	16.38	18.89	33.04	109.25	78.98	3.08	0.46	0.44	0.67	0.42
17	6.39	6.03	11.66	13.87	26.75	88.85	158.85	3.76	0.38	0.27	0.57	0.47
18	7.07	8.79	14.01	14.28	24.13	82.56	35.71	4.37	0.38	0.26	0.68	0.59
19	8.60	175.13	12.32	11.52	18.88	67.42	36.94	3.74	0.38	0.26	0.78	0.74
20	8.90	16.81	12.05	75.74	21.50	51.74	35.81	2.15	0.37	0.26	0.61	1.34
21	7.59	38.57	8.01	30.43	25.75	49.01	29.53	1.61	0.37	0.26	0.64	0.53
22	7.82	16.54	17.69	1,194.55	24.46	45.70	31.72	0.47	0.36	0.25	0.71	0.54
23	9.37	8.88	33.36	76.28	19.06	38.11	46.71	0.47	0.36	0.25	0.60	0.38
24	9.87	6.70	104.35	236.95	33.24	33.58	23.65	0.47	0.36	0.25	0.66	0.32
25	6.46	7.32	16.84	62.60	18.88	27.85	6.28	0.46	0.35	0.24	0.74	0.36
26	4.79	6.42	16.96	33.67	27.20	18.16	8.89	0.46	0.35	0.24	0.65	0.35
27	4.57	6.84	623.75	21.19	27.62	11.43	11.27	0.45	0.35	0.24	0.74	0.49
28	5.18	5.30	258.74	29.07	31.79	13.32	5.82	0.45	0.34	0.23	0.66	0.58
29	3.31	5.58	45.41	21.64	30.67	16.93	6.39	0.45	0.34	0.23	4.82	0.56
30	934.04	6.56	26.51		31.14	18.79	6.91	0.44	0.34	0.22	1.36	0.57
31		5.69	26.17		29.85		5.85		0.33	0.22		0.63
Total	1156.3	1100.6	2724.3	2508.8	738.4	1763.2	1549.6	93.9	12.0	8.8	19.3	17.6

Loma Alta Mass Emission Station Loading Summary – Total Phosphorus (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	0.24	97.78	0.21	1.46	1.13	0.33	0.42	0.12	0.01	0.01	0.01	0.01
2	0.19	11.71	0.25	2.71	1.22	0.89	0.49	0.14	0.01	0.01	0.01	0.01
3	0.17	4.14	0.25	66.40	1.35	0.92	0.63	0.14	0.01	0.01	0.01	0.01
4	0.14	0.75	0.21	29.27	1.28	1.17	0.92	0.14	0.01	0.01	0.01	0.01
5	0.16	0.57	150.05	9.87	1.17	1.24	1.13	0.14	0.01	0.01	0.01	0.04
6	0.21	0.40	80.82	7.56	1.27	1.26	1.37	0.15	0.01	0.01	0.01	0.02
7	0.19	47.98	478.28	2.52	0.98	4.50	1.63	0.13	0.01	0.01	0.01	0.01
8	0.29	21.21	15.46	0.94	1.19	1.85	1.75	0.14	0.01	0.01	0.01	0.02
9	0.24	18.93	7.89	1.07	1.19	1.88	1.97	0.09	0.01	0.01	0.01	0.01
10	0.17	5.25	6.32	1.02	1.08	2.12	1.90	0.06	0.01	0.01	0.01	0.01
11	0.11	3.59	1.19	0.32	1.14	2.14	1.89	0.05	0.01	0.01	0.01	0.01
12	0.12	0.65	0.98	1.08	0.48	1.83	2.25	0.06	0.01	0.01	0.01	0.01
13	0.10	0.63	0.86	1.08	0.44	1.77	1.90	0.05	0.01	0.01	0.01	0.00
14	0.09	0.46	0.51	33.51	0.47	2.25	1.90	0.05	0.01	0.01	0.01	0.01
15	0.14	0.39	0.82	15.43	0.48	2.44	1.98	0.07	0.01	0.01	0.01	0.00
16	0.12	0.35	1.11	5.63	0.72	2.37	1.71	0.07	0.01	0.01	0.01	0.01
17	0.13	0.34	0.66	4.14	0.58	1.93	3.44	0.08	0.01	0.01	0.01	0.01
18	0.14	2.62	0.80	0.81	0.52	1.79	0.77	0.09	0.01	0.01	0.01	0.01
19	0.17	52.24	0.70	0.66	0.41	1.46	0.80	0.08	0.01	0.01	0.02	0.02
20	0.18	5.02	0.69	22.59	0.47	1.12	0.78	0.05	0.01	0.01	0.01	0.03
21	0.15	11.51	0.46	9.08	0.56	1.06	0.64	0.03	0.01	0.01	0.01	0.01
22	0.16	4.94	5.28	356.35	0.53	0.99	0.69	0.01	0.01	0.01	0.01	0.01
23	0.19	0.51	7.22	22.76	0.41	0.83	13.93	0.01	0.01	0.01	0.01	0.01
24	0.20	0.38	28.32	70.69	0.18	0.73	7.05	0.01	0.01	0.01	0.01	0.01
25	0.13	0.42	5.02	18.68	0.66	0.60	1.87	0.01	0.01	0.01	0.02	0.01
26	0.10	0.37	5.06	10.04	0.21	0.39	2.65	0.01	0.01	0.01	0.01	0.01
27	0.09	0.39	186.07	6.32	0.60	0.25	0.24	0.01	0.01	0.01	0.02	0.01
28	0.11	0.30	77.18	1.66	0.69	0.29	0.13	0.01	0.01	0.01	0.01	0.01
29	0.07	0.32	13.55	1.23	0.66	0.37	0.14	0.01	0.01	0.01	0.10	0.01
30	278.64	0.37	7.91		0.68	0.41	0.15	0.01	0.01	0.01	0.03	0.01
31		0.32	1.49		0.47		0.13		0.01	0.01		0.01
Total	283.2	294.8	1085.6	704.9	23.2	41.2	57.3	2.05	0.29	0.21	0.41	0.36

Loma Alta Mass Emission Station Loading Summary – Total Dissolved Phosphorus (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	0.916	69.404	0.261	1.783	1.385	0.015	0.188	0.055	0.005	0.004	0.003	0.056
2	0.734	8.312	0.303	3.315	1.496	0.402	0.220	0.064	0.005	0.004	0.003	0.045
3	0.654	2.941	0.303	41.774	1.648	0.413	0.284	0.061	0.005	0.004	0.003	0.035
4	0.541	0.914	0.263	20.773	1.562	0.527	0.416	0.063	0.005	0.004	0.003	0.034
5	0.603	0.694	108.918	7.004	1.433	0.557	0.509	0.065	0.005	0.004	0.003	0.152
6	0.799	0.486	50.463	5.366	1.552	0.569	0.615	0.069	0.005	0.004	0.003	0.077
7	0.738	34.056	177.092	2.662	1.199	0.612	0.736	0.060	0.003	0.004	0.004	0.011
8	1.103	15.053	10.971	1.591	1.451	0.834	0.787	0.063	0.006	0.004	0.003	0.018
9	0.934	13.434	5.599	1.307	1.451	0.845	0.885	0.040	0.006	0.004	0.003	0.011
10	0.656	3.728	4.487	1.252	1.321	0.956	0.855	0.027	0.005	0.004	0.004	0.037
11	0.439	2.545	1.456	0.446	1.394	0.963	0.850	0.024	0.005	0.004	0.004	0.033
12	0.469	0.796	1.198	1.316	0.215	0.824	1.014	0.027	0.005	0.004	0.004	0.025
13	0.396	0.773	1.046	1.316	0.200	0.798	0.854	0.023	0.005	0.003	0.005	0.117
14	0.327	0.562	1.035	23.788	0.210	1.012	0.856	0.021	0.007	0.004	0.003	0.014
15	0.554	0.477	0.965	10.952	0.217	1.099	0.892	0.030	0.005	0.005	0.048	0.004
16	0.453	0.423	0.898	3.999	0.323	1.067	0.771	0.030	0.003	0.005	0.052	0.033
17	0.498	0.420	0.812	2.936	0.261	0.868	1.551	0.037	0.005	0.003	0.044	0.036
18	0.551	1.861	0.976	0.995	0.236	0.806	0.349	0.043	0.005	0.003	0.053	0.046
19	0.670	37.083	0.858	0.802	0.184	0.658	0.361	0.037	0.005	0.003	0.061	0.058
20	0.694	3.560	0.839	16.037	0.210	0.505	0.350	0.021	0.005	0.003	0.048	0.105
21	0.592	8.167	0.558	6.443	0.251	0.479	0.288	0.016	0.004	0.003	0.050	0.041
22	0.609	3.503	3.745	252.945	0.239	0.446	0.310	0.006	0.004	0.003	0.055	0.042
23	0.730	0.619	4.566	16.152	0.186	0.372	9.890	0.006	0.004	0.003	0.047	0.030
24	0.769	0.467	23.194	50.175	0.530	0.328	5.007	0.006	0.004	0.003	0.051	0.025
25	0.504	0.510	3.566	13.256	0.142	0.272	1.331	0.006	0.004	0.003	0.058	0.028
26	0.373	0.447	3.590	7.129	0.214	0.177	1.883	0.006	0.004	0.003	0.051	0.028
27	0.356	0.476	132.078	4.488	0.270	0.112	0.110	0.006	0.004	0.003	0.058	0.038
28	0.404	0.369	54.787	2.025	0.310	0.130	0.057	0.005	0.004	0.003	0.051	0.045
29	0.258	0.389	9.616	1.507	0.299	0.165	0.062	0.005	0.004	0.003	0.376	0.043
30	197.781	0.457	5.614		0.304	0.183	0.067	0.005	0.004	0.003	0.106	0.044
31		0.396	1.823		0.279		0.057		0.004	0.003		0.049
Total	215.1	213.3	611.9	503.5	21.0	17.0	32.4	0.93	0.15	0.11	1.26	1.36

Appendix D-4
San Elijo Mass Emission Station
Constituent Loading Summary

San Elijo Mass Emission Station Loading Summary – Enterococcus (G-org)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	6	144,156	25	52	72	2	8	6	19	18	17	7
2	13	6,996	24	52	69	10	9	7	19	18	17	11
3	15	908	24	105,800	62	11	8	7	24	18	17	8
4	14	10	24	16,675	56	10	7	6	19	17	16	10
5	14	5	323,267	32,924	55	10	7	6	19	17	17	45
6	13	7	58,433	18,250	51	10	7	6	19	17	17	19
7	13	31,659	252,562	201	47	0	9	6	18	18	18	12
8	12	24,329	43,338	126	47	10	8	6	16	16	18	10
9	11	16,530	20,030	71	48	10	8	6	14	17	18	10
10	6	1,143	13,113	60	45	10	7	6	21	18	11	10
11	2	610	71	17	43	9	7	6	21	16	10	10
12	6	1	57	51	40	9	10	5	21	17	11	10
13	4	1	49	47	40	8	8	20	20	17	13	10
14	3	1	29	75,665	39	8	7	21	38	19	12	9
15	2	1	33	45,014	38	8	7	20	13	19	12	9
16	5	1	24	13,102	48	8	7	20	18	18	11	10
17	9	1	34	9,474	39	8	6	19	19	17	11	10
18	7	87	33	75	12	8	6	19	19	16	11	10
19	8	10,932	32	60	12	8	6	18	20	17	11	10
20	5	3,474	30	23,354	12	8	6	23	19	18	11	10
21	5	7,888	7,675	15,481	12	9	6	19	19	20	10	10
22	2	297	6,767	163,466	11	8	10	17	19	18	11	11
23	1	1	2,918	58,488	11	8	15,297	17	20	18	12	11
24	1	1	76,265	56,094	10	8	26,142	18	18	18	14	9
25	1	1	9,137	34,801	22	8	3,945	18	18	18	11	9
26	3	1	5,197	20,430	24	8	2,877	19	18	19	10	9
27	2	1	84,653	15,487	10	7	7	19	17	17	10	10
28	1	1	61,324	93	11	7	6	19	18	17	10	10
29	1	1	22,087	81	11	7	6	18	19	17	10	9
30	158,875	1	9,963		11	7	7	18	21	18	10	9
31		1	8,284		4		6		18	19		10
Total	159,059	249,041	1,005,501	705,493	1,012	247	48,456	416	602	545	388	347

San Elijo Mass Emission Station Loading Summary – Fecal Coliform (G-org)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	18	42,630	25	53	74	7	11	9	29	29	27	18
2	36	2,069	25	53	70	15	13	10	30	28	26	25
3	42	269	25	31,287	63	16	12	11	37	29	27	16
4	40	10	24	6,114	57	15	10	9	31	27	26	29
5	40	5	58,496	9,736	56	15	10	9	30	26	26	126
6	37	7	15,079	5,397	52	15	11	9	30	26	27	53
7	37	9,362	135,995	131	48	18	13	9	27	28	29	33
8	33	7,195	12,816	87	48	15	12	9	38	25	29	29
9	31	4,888	5,923	72	49	15	11	9	18	26	29	27
10	16	338	3,878	62	46	14	11	9	32	28	31	30
11	6	180	72	21	44	14	11	9	33	25	29	29
12	18	1	58	52	41	13	15	8	33	26	32	29
13	11	1	50	48	40	12	11	31	31	27	36	27
14	8	1	42	22,376	40	12	10	32	57	29	33	27
15	6	1	67	13,312	39	12	10	32	12	30	33	26
16	13	1	25	3,875	49	12	10	31	32	28	32	27
17	25	1	35	2,802	40	12	9	30	29	26	32	27
18	20	26	34	76	18	12	9	30	30	25	30	27
19	22	3,233	33	61	17	12	9	28	31	27	30	28
20	14	1,027	30	6,906	17	12	9	35	30	28	30	29
21	15	2,333	2,270	4,578	17	13	9	30	30	31	29	29
22	7	88	2,001	48,341	17	12	14	27	30	28	37	30
23	3	1	3,836	17,296	16	12	4,524	26	31	29	33	31
24	2	1	9,152	16,588	14	12	7,731	28	29	28	47	26
25	2	1	2,702	10,292	29	12	1,167	29	29	28	30	26
26	9	1	1,537	6,042	18	12	851	30	29	30	28	26
27	5	1	25,034	4,580	15	11	10	30	27	27	29	27
28	2	1	18,135	95	15	10	9	30	29	27	29	27
29	2	1	6,531	82	16	10	9	29	30	27	29	26
30	46,983	1	2,946		16	11	10	28	32	29	28	26
31		1	2,450		5		9		29	30		27
Total	47,501	73,670	309,326	210,414	1,085	383	14,559	646	947	857	914	965

San Elijo Mass Emission Station Loading Summary – Total Coliform (G-org)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	40	372,026	66	138	193	14	35	28	39	38	36	67
2	81	18,053	65	140	184	46	41	31	40	37	34	45
3	95	2,344	65	273,041	165	49	36	33	49	38	35	50
4	91	26	64	122,280	149	46	30	27	40	35	34	67
5	91	14	720,284	84,967	146	45	31	28	39	35	34	286
6	83	19	18,849	47,098	137	45	34	28	40	34	36	120
7	84	81,704	1,262,809	355	126	43	38	27	27	37	38	75
8	74	62,787	111,844	271	126	45	36	27	51	33	38	65
9	69	42,660	51,692	189	129	46	34	27	31	34	38	61
10	36	2,949	33,841	161	121	44	33	27	43	36	70	67
11	15	1,573	189	103	116	42	34	27	43	33	66	66
12	41	2	152	136	108	39	47	24	43	34	72	66
13	26	2	131	126	106	38	35	41	41	35	82	62
14	19	2	93	195,270	104	37	30	43	57	39	76	61
15	14	2	121	116,170	103	37	29	42	17	39	74	60
16	29	2	78	33,814	128	37	31	41	59	37	73	62
17	57	2	92	24,451	104	38	29	40	39	35	71	61
18	46	225	89	199	54	36	28	40	39	33	69	61
19	49	28,213	85	161	53	36	27	37	41	36	68	64
20	32	8,966	80	60,271	53	38	27	47	40	37	68	66
21	33	20,357	19,806	39,953	52	39	28	40	39	40	66	67
22	15	766	17,464	421,861	51	38	43	35	40	37	51	68
23	6	2	8,062	150,942	49	37	39,476	34	41	38	76	70
24	4	2	91,518	144,764	36	36	67,464	36	38	37	109	60
25	4	2	23,580	89,813	66	37	10,182	38	38	37	69	59
26	21	2	13,411	52,724	86	35	7,424	40	38	39	64	59
27	12	2	218,465	39,968	47	33	30	39	36	36	65	61
28	4	2	158,259	249	47	32	29	40	38	35	66	62
29	4	2	56,999	215	48	31	28	38	40	35	66	59
30	410,013	2	25,712		48	33	29	37	43	38	63	59
31		2	21,379		36		28		38	39		61
Total	411,187	642,709	2,855,345	1,899,827	2,971	1,154	125,425	1,041	1,247	1,128	1,809	2,216

San Elijo Mass Emission Station Loading Summary – TSS (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	79	80,744	67	140	196	193	2,921	2,331	175	171	161	129
2	159	3,918	66	142	187	3,909	3,430	2,566	179	167	155	79
3	188	509	66	59,260	167	4,118	2,987	2,747	221	170	160	171
4	180	27	65	56,367	151	3,890	2,550	2,269	182	159	153	131
5	181	14	99,425	18,441	149	3,798	2,618	2,386	177	157	155	565
6	164	19	25,387	10,222	139	3,762	2,830	2,321	180	156	163	237
7	165	17,733	25,699	343	128	3,741	3,222	2,283	185	166	171	147
8	146	13,627	24,274	36	128	3,770	3,003	2,299	203	151	173	128
9	137	9,259	11,219	192	131	3,876	2,886	2,257	164	156	172	120
10	71	640	7,345	164	123	3,697	2,752	2,246	193	165	139	132
11	29	341	192	350	118	3,494	2,827	2,250	194	151	130	131
12	80	2	155	138	109	3,321	3,938	1,985	195	155	142	129
13	51	2	133	128	108	3,217	2,928	186	186	160	161	122
14	38	2	19	42,381	105	3,144	2,518	193	157	175	150	120
15	28	2	153	25,213	104	3,117	2,474	192	265	177	146	119
16	57	2	63	7,339	130	3,139	2,616	185	121	167	144	123
17	113	2	93	5,307	106	3,156	2,425	179	175	157	141	120
18	91	49	90	202	4,559	3,004	2,365	179	177	151	136	121
19	96	6,123	87	163	4,485	3,066	2,302	169	187	163	134	126
20	63	1,946	81	13,081	4,455	3,195	2,240	211	181	165	134	130
21	66	4,418	4,299	8,671	4,395	3,258	2,394	181	177	183	131	132
22	30	166	3,790	91,560	4,297	3,168	3,643	158	179	168	94	135
23	12	2	3,355	32,760	4,125	3,138	8,568	156	187	170	140	138
24	7	2	35,931	31,419	5,175	3,069	14,642	164	170	165	165	118
25	7	2	5,118	19,493	3,818	3,091	2,210	173	173	167	135	116
26	41	2	2,911	11,443	3,437	2,972	1,611	179	172	178	127	116
27	23	2	47,415	8,675	3,931	2,809	2,502	176	163	162	129	121
28	7	2	34,348	253	3,981	2,657	2,414	181	172	160	131	123
29	7	2	12,371	219	4,026	2,625	2,379	173	180	159	131	117
30	88,988	2	5,580		4,063	2,798	2,479	168	193	172	125	116
31		2	4,640		7,553		2,340		172	177		121
Total	91,306	139,560	354,437	444,100	64,578	96,192	101,015	31,144	5,637	5,101	4,329	4,435

San Elijo Mass Emission Station Loading Summary – Ammonia as N (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	0.37	#####	3.97	8.31	11.65	5.04	3.79	3.03	0.88	0.86	0.81	0.49
2	0.75	8.31	3.92	8.44	11.12	5.08	4.46	3.33	0.90	0.84	0.78	0.41
3	0.88	1.08	3.91	125.71	9.95	5.35	3.88	3.57	1.11	0.85	0.81	0.56
4	0.84	1.58	3.88	122.54	8.99	5.05	3.31	2.95	0.92	0.80	0.77	0.62
5	0.85	0.83	210.42	39.12	8.83	4.93	3.40	3.10	0.89	0.79	0.78	2.65
6	0.77	1.15	70.43	21.68	8.26	4.89	3.68	3.01	0.90	0.78	0.82	1.11
7	0.77	37.62	164.90	7.45	7.61	4.73	4.19	2.97	0.81	0.83	0.86	0.69
8	0.69	28.91	51.49	6.43	7.58	4.90	3.90	2.99	1.03	0.76	0.87	0.60
9	0.64	19.64	23.80	11.38	7.77	5.03	3.75	2.93	0.79	0.78	0.87	0.56
10	0.33	1.36	15.58	9.74	7.31	4.80	3.58	2.92	0.97	0.83	0.65	0.62
11	0.14	0.72	11.41	9.66	7.01	4.54	3.67	2.92	0.98	0.76	0.61	0.61
12	0.38	0.15	9.20	8.18	6.49	4.31	5.12	2.58	0.98	0.78	0.67	0.61
13	0.24	0.10	7.88	7.61	6.40	4.18	3.80	0.94	0.93	0.81	0.76	0.57
14	0.18	0.10	9.57	89.90	6.26	4.08	3.27	0.97	0.78	0.88	0.70	0.56
15	0.13	0.10	9.25	53.49	6.20	4.05	3.21	0.96	0.89	0.89	0.69	0.56
16	0.27	0.10	6.76	15.57	7.71	4.08	3.40	0.93	1.21	0.84	0.68	0.58
17	0.53	0.10	5.55	11.26	6.28	4.10	3.15	0.90	0.88	0.79	0.66	0.56
18	0.43	0.10	5.36	12.02	5.92	3.90	3.07	0.90	0.89	0.76	0.64	0.57
19	0.45	12.99	5.16	9.70	5.83	3.98	2.99	0.85	0.94	0.82	0.63	0.59
20	0.29	4.13	4.82	27.75	5.79	4.15	2.91	1.06	0.91	0.83	0.63	0.61
21	0.31	9.37	9.12	18.39	5.71	4.23	3.11	0.91	0.89	0.92	0.62	0.62
22	0.14	0.35	8.04	194.23	5.58	4.11	4.73	0.80	0.90	0.85	0.64	0.63
23	0.06	0.10	11.92	69.49	5.36	4.08	18.18	0.78	0.94	0.86	0.91	0.65
24	0.03	0.10	64.23	66.65	4.41	3.99	31.06	0.82	0.85	0.83	0.66	0.56
25	0.03	0.10	10.86	41.35	4.55	4.02	4.69	0.87	0.87	0.84	0.64	0.54
26	0.19	0.10	6.17	24.27	5.93	3.86	3.42	0.90	0.87	0.89	0.60	0.55
27	0.11	0.10	100.58	18.40	5.11	3.65	3.25	0.89	0.82	0.81	0.60	0.57
28	0.03	0.10	72.86	15.02	5.17	3.45	3.14	0.91	0.86	0.80	0.61	0.58
29	0.03	0.10	26.24	12.99	5.23	3.41	3.09	0.87	0.90	0.80	0.62	0.55
30	188.77	0.10	11.84		5.28	3.64	3.22	0.85	0.97	0.86	0.59	0.54
31		0.10	9.84		6.09		3.04		0.86	0.89		0.57
Total	200	301	959	1,067	211	130	153	52	28	26	21	20

San Elijo Mass Emission Station Loading Summary – CBOD (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	15.2	6,802.7	32.2	67.5	94.5	52.1	30.0	23.9	23.0	22.5	21.1	18.4
2	30.7	330.1	31.8	68.5	90.2	40.1	35.2	26.3	23.5	21.9	20.3	18.3
3	36.2	42.9	31.7	4,992.7	80.7	42.2	30.7	28.2	29.0	22.3	21.0	19.0
4	34.7	12.8	31.5	6,739.5	72.9	39.9	26.2	23.3	23.9	20.9	20.1	25.4
5	34.8	6.7	9,903.7	1,553.7	71.7	39.0	26.9	24.5	23.3	20.6	20.4	109.0
6	31.7	9.3	2,677.2	861.2	67.0	38.6	29.0	23.8	23.6	20.4	21.4	45.8
7	31.8	1,494.0	2,141.6	171.6	61.7	49.7	33.1	23.4	24.0	21.8	22.5	28.4
8	28.2	1,148.1	2,045.1	41.6	61.5	38.7	30.8	23.6	24.5	19.9	22.7	24.8
9	26.4	780.1	945.2	92.4	63.1	39.8	29.6	23.2	24.5	20.5	22.6	23.2
10	13.7	53.9	618.8	79.0	59.3	37.9	28.2	23.0	25.4	21.6	26.8	25.5
11	5.6	28.8	92.6	94.5	56.8	35.9	29.0	23.1	25.5	19.8	25.0	25.3
12	15.4	1.2	74.6	66.4	52.7	34.1	40.4	20.4	25.5	20.4	27.4	25.0
13	9.9	0.8	63.9	61.8	51.9	33.0	30.0	24.5	24.4	21.1	31.0	23.5
14	7.3	0.8	75.1	3,570.6	50.8	32.3	25.8	25.3	24.2	23.0	28.9	23.1
15	5.5	0.8	66.7	2,124.2	50.3	32.0	25.4	25.2	23.5	23.3	28.2	22.9
16	11.0	0.8	18.2	618.3	62.5	32.2	26.8	24.3	23.4	21.9	27.8	23.7
17	21.8	0.8	45.0	447.1	51.0	32.4	24.9	23.5	23.0	20.6	27.2	23.1
18	17.6	4.1	43.5	97.5	46.8	30.8	24.3	23.6	23.2	19.9	26.2	23.3
19	18.6	515.9	41.8	78.7	46.0	31.5	23.6	22.2	24.5	21.4	25.8	24.3
20	12.1	164.0	39.1	1,102.1	45.7	32.8	23.0	27.7	23.8	21.7	25.9	25.1
21	12.7	372.2	362.2	730.6	45.1	33.4	24.6	23.8	23.2	24.0	25.3	25.4
22	5.7	14.0	319.3	7,713.9	44.1	32.5	37.4	20.8	23.5	22.1	20.0	26.0
23	2.4	0.8	114.8	2,760.0	42.3	32.2	721.8	20.4	24.6	22.4	54.5	26.6
24	1.4	0.8	1,628.0	2,647.1	15.5	31.5	1,233.6	21.5	22.3	21.7	21.5	22.8
25	1.4	0.8	431.2	1,642.3	53.3	31.7	186.2	22.7	22.7	21.9	26.1	22.4
26	7.9	0.8	245.2	964.1	52.9	30.5	135.7	23.5	22.6	23.3	24.5	22.4
27	4.5	0.8	3,994.7	730.8	40.3	28.8	25.7	23.2	21.4	21.3	24.8	23.4
28	1.4	0.8	2,893.8	121.9	40.8	27.3	24.8	23.7	22.5	21.0	25.2	23.7
29	1.4	0.8	1,042.3	105.4	41.3	26.9	24.4	22.7	23.6	20.9	25.3	22.6
30	7,497.3	0.8	470.2		41.7	28.7	25.4	22.1	25.4	22.6	24.1	22.4
31		0.8	390.9		16.4		24.0		22.6	23.2		23.4
Total	7,944	11,792	30,912	40,345	1,671	1,048	3,036	707	740	670	764	838

San Elijo Mass Emission Station Loading Summary – Chlorophyll *a* (lbs)

	2007		2008									
Day	November ¹	December ¹	January ¹	February ¹	March	April	May ¹	June	July	August	September	October
1	0.018	No Data	0.165	0.346	0.485	0.026	0.143	0.114	0.038	0.037	0.035	0.039
2	0.036	No Data	0.163	0.352	0.463	0.192	0.168	0.126	0.039	0.036	0.033	0.009
3	0.043	No Data	0.163	No Data	0.414	0.202	0.147	0.135	0.048	0.037	0.035	0.051
4	0.041	0.066	0.161	No Data	0.374	0.191	0.125	0.111	0.039	0.035	0.033	0.030
5	0.041	0.034	No Data	No Data	0.368	0.186	0.128	0.117	0.038	0.034	0.034	0.129
6	0.038	0.048	No Data	No Data	0.344	0.185	0.139	0.114	0.039	0.034	0.035	0.054
7	0.038	No Data	No Data	0.566	0.317	0.154	0.158	0.112	0.012	0.036	0.037	0.034
8	0.033	No Data	No Data	0.388	0.316	0.185	0.147	0.113	0.032	0.033	0.037	0.029
9	0.031	No Data	No Data	0.474	0.324	0.190	0.142	0.111	0.088	0.034	0.037	0.027
10	0.016	No Data	No Data	0.405	0.304	0.181	0.135	0.110	0.042	0.036	0.032	0.030
11	0.007	No Data	0.475	0.047	0.292	0.171	0.139	0.110	0.042	0.033	0.030	0.030
12	0.018	0.006	0.383	0.340	0.270	0.163	0.193	0.097	0.042	0.034	0.032	0.030
13	0.012	0.004	0.328	0.317	0.266	0.158	0.144	0.040	0.040	0.035	0.037	0.028
14	0.009	0.004	0.038	No Data	0.261	0.154	0.124	0.042	0.031	0.038	0.034	0.027
15	0.006	0.004	0.960	No Data	0.258	0.153	0.121	0.042	0.063	0.038	0.033	0.027
16	0.013	0.004	0.132	No Data	0.321	0.154	0.128	0.040	0.012	0.036	0.033	0.028
17	0.026	0.004	0.231	No Data	0.261	0.155	0.119	0.039	0.038	0.034	0.032	0.027
18	0.021	No Data	0.223	0.500	0.224	0.147	0.116	0.039	0.038	0.033	0.031	0.028
19	0.022	No Data	0.215	0.404	0.220	0.150	0.113	0.037	0.040	0.035	0.031	0.029
20	0.014	No Data	0.201	No Data	0.219	0.157	0.110	0.046	0.039	0.036	0.031	0.030
21	0.015	No Data	No Data	No Data	0.216	0.160	0.117	0.039	0.038	0.040	0.030	0.030
22	0.007	No Data	No Data	No Data	0.211	0.155	0.179	0.034	0.039	0.036	0.010	0.031
23	0.003	0.004	No Data	No Data	0.202	0.154	No Data	0.034	0.041	0.037	0.057	0.032
24	0.002	0.004	No Data	No Data	0.213	0.151	No Data	0.036	0.037	0.036	0.011	0.027
25	0.002	0.004	No Data	No Data	0.213	0.152	No Data	0.037	0.037	0.036	0.031	0.026
26	0.009	0.004	No Data	No Data	0.190	0.146	No Data	0.039	0.037	0.039	0.029	0.027
27	0.005	0.004	No Data	No Data	0.193	0.138	0.123	0.038	0.035	0.035	0.029	0.028
28	0.002	0.004	No Data	0.625	0.195	0.130	0.118	0.039	0.037	0.035	0.030	0.028
29	0.002	0.004	No Data	0.541	0.198	0.129	0.117	0.037	0.039	0.034	0.030	0.027
30	No Data	0.004	No Data		0.199	0.137	0.122	0.036	0.042	0.037	0.029	0.026
31		0.004	No Data		0.378		0.115		0.037	0.038		0.028
Total	0.53	0.21	3.84	5.31	8.71	4.71	3.63	2.06	1.22	1.10	0.96	1.03

¹Wet weather chlorophyll *a* data was not collected per the QAPP, thus monthly totals reflect only partial loading values.

San Elijo Mass Emission Station Loading Summary – Nitrate + Nitrite as N (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	16.8	3,658.4	106.2	222.6	311.8	6.1	5.8	4.6	28.2	27.5	25.8	17.9
2	33.9	177.5	104.9	226.1	297.6	7.7	6.8	5.1	28.8	26.8	24.8	18.2
3	40.0	23.0	104.6	2,685.0	266.3	8.1	5.9	5.4	35.4	27.3	25.7	18.6
4	38.3	42.3	103.8	1,997.3	240.7	7.7	5.0	4.5	29.3	25.6	24.6	28.0
5	38.4	22.2	2,524.3	835.5	236.4	7.5	5.2	4.7	28.5	25.2	24.9	120.2
6	34.9	30.7	1,748.1	463.1	221.2	7.4	5.6	4.6	28.9	25.0	26.1	50.5
7	35.1	803.5	2,784.0	1,110.5	203.6	1.8	6.3	4.5	41.1	26.6	27.5	31.3
8	31.1	617.4	1,099.8	985.1	203.0	7.4	5.9	4.5	39.1	24.3	27.8	27.3
9	29.2	419.5	508.3	304.8	208.1	7.6	5.7	4.4	36.7	25.0	27.6	25.6
10	15.1	29.0	332.8	260.8	195.8	7.3	5.4	4.4	31.1	26.4	29.6	28.1
11	6.2	15.5	305.6	59.0	187.5	6.9	5.6	4.4	31.2	24.2	27.6	27.9
12	17.0	3.9	246.2	218.9	173.8	6.5	7.8	3.9	31.2	24.9	30.2	27.5
13	10.9	2.7	211.0	203.9	171.2	6.3	5.8	29.9	29.8	25.8	34.2	25.9
14	8.0	2.7	38.6	1,920.2	167.7	6.2	5.0	30.9	42.0	28.2	31.9	25.5
15	6.0	2.7	33.4	1,142.4	166.1	6.1	4.9	30.8	13.7	28.4	31.1	25.2
16	12.1	2.7	8.6	332.5	206.3	6.2	5.2	29.7	5.0	26.8	30.7	26.1
17	24.1	2.7	148.6	240.4	168.1	6.2	4.8	28.7	28.1	25.2	30.0	25.5
18	19.5	2.2	143.5	321.8	9.0	5.9	4.7	28.8	28.4	24.3	28.9	25.7
19	20.5	277.4	138.0	259.6	8.8	6.0	4.5	27.2	30.0	26.1	28.4	26.8
20	13.3	88.2	129.0	592.7	8.8	6.3	4.4	33.8	29.1	26.6	28.6	27.7
21	14.0	200.2	194.8	392.9	8.7	6.4	4.7	29.1	28.4	29.4	27.9	28.0
22	6.3	7.5	171.7	4,148.5	8.5	6.2	7.2	25.4	28.7	27.0	32.8	28.7
23	2.6	2.7	199.3	1,484.3	8.1	6.2	388.2	25.0	30.0	27.4	40.5	29.4
24	1.5	2.7	2,231.4	1,423.6	24.7	6.0	663.4	26.3	27.3	26.5	40.0	25.2
25	1.5	2.7	231.9	883.2	2.8	6.1	100.1	27.8	27.7	26.7	28.8	24.7
26	8.7	2.7	131.9	518.5	3.6	5.9	73.0	28.7	27.6	28.5	27.1	24.7
27	4.9	2.7	2,148.3	393.0	7.7	5.5	4.9	28.3	26.2	26.0	27.3	25.8
28	1.5	2.7	1,556.3	402.1	7.8	5.2	4.8	29.0	27.5	25.7	27.8	26.2
29	1.5	2.7	560.5	347.7	7.9	5.2	4.7	27.8	28.9	25.5	27.9	24.9
30	4,031.9	2.7	252.8		8.0	5.5	4.9	27.0	31.1	27.6	26.6	24.6
31		2.7	210.2		8.1		4.6		27.6	28.4		25.8
Total	4,525	6,457	18,709	24,376	3,748	190	1,371	569	906	819	873	917

San Elijo Mass Emission Station Loading Summary – SRP (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	0.8	369.8	2.0	4.3	6.0	0.8	0.7	0.6	1.0	1.0	0.9	1.2
2	1.7	17.9	2.0	4.4	5.7	1.0	0.9	0.7	1.0	1.0	0.9	1.4
3	2.0	2.3	2.0	271.4	5.1	1.1	0.8	0.7	1.3	1.0	0.9	1.5
4	1.9	0.8	2.0	154.8	4.6	1.0	0.7	0.6	1.1	0.9	0.9	1.4
5	1.9	0.4	529.7	84.5	4.6	1.0	0.7	0.6	1.0	0.9	0.9	6.0
6	1.7	0.6	224.4	46.8	4.3	1.0	0.7	0.6	1.0	0.9	0.9	2.5
7	1.7	81.2	621.0	18.6	3.9	1.4	0.8	0.6	1.3	1.0	1.0	1.5
8	1.5	62.4	111.2	14.2	3.9	1.0	0.8	0.6	1.3	0.9	1.0	1.4
9	1.4	42.4	51.4	5.9	4.0	1.0	0.7	0.6	1.4	0.9	1.0	1.3
10	0.7	2.9	33.6	5.0	3.8	0.9	0.7	0.6	1.1	1.0	1.5	1.4
11	0.3	1.6	5.9	1.5	3.6	0.9	0.7	0.6	1.1	0.9	1.4	1.4
12	0.8	0.1	4.7	4.2	3.3	0.9	1.0	0.5	1.1	0.9	1.5	1.4
13	0.5	0.1	4.1	3.9	3.3	0.8	0.8	1.1	1.1	0.9	1.7	1.3
14	0.4	0.1	1.6	194.1	3.2	0.8	0.6	1.1	1.3	1.0	1.6	1.3
15	0.3	0.1	1.4	115.5	3.2	0.8	0.6	1.1	0.8	1.0	1.5	1.2
16	0.6	0.1	1.6	33.6	4.0	0.8	0.7	1.1	0.2	1.0	1.5	1.3
17	1.2	0.1	2.9	24.3	3.2	0.8	0.6	1.0	1.0	0.9	1.5	1.3
18	1.0	0.2	2.8	6.2	1.2	0.8	0.6	1.0	1.0	0.9	1.4	1.3
19	1.0	28.0	2.7	5.0	1.2	0.8	0.6	1.0	1.1	0.9	1.4	1.3
20	0.7	8.9	2.5	59.9	1.1	0.8	0.6	1.2	1.1	1.0	1.4	1.4
21	0.7	20.2	19.7	39.7	1.1	0.8	0.6	1.1	1.0	1.1	1.4	1.4
22	0.3	0.8	17.4	419.4	1.1	0.8	0.9	0.9	1.0	1.0	1.3	1.4
23	0.1	0.1	7.1	150.1	1.1	0.8	39.2	0.9	1.1	1.0	1.5	1.5
24	0.1	0.1	117.6	143.9	1.0	0.8	67.1	1.0	1.0	1.0	1.3	1.2
25	0.1	0.1	23.4	89.3	0.8	0.8	10.1	1.0	1.0	1.0	1.4	1.2
26	0.4	0.1	13.3	52.4	1.1	0.8	7.4	1.0	1.0	1.0	1.3	1.2
27	0.2	0.1	217.2	39.7	1.0	0.7	0.6	1.0	1.0	0.9	1.4	1.3
28	0.1	0.1	157.3	7.7	1.0	0.7	0.6	1.1	1.0	0.9	1.4	1.3
29	0.1	0.1	56.7	6.7	1.0	0.7	0.6	1.0	1.0	0.9	1.4	1.2
30	407.6	0.1	25.6		1.0	0.7	0.6	1.0	1.1	1.0	1.3	1.2
31		0.1	21.3		0.9		0.6		1.0	1.0		1.3
Total	432	642	2,286	2,007	84.5	25.9	142.8	25.8	32.9	29.7	38.6	46.8

San Elijo Mass Emission Station Loading Summary – Total Nitrogen (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	27.5	3,941.6	131.9	276.3	387.1	16.1	21.1	16.8	36.9	36.0	33.9	36.7
2	55.5	191.3	130.2	280.6	369.4	28.2	24.8	18.5	37.7	35.1	32.5	36.3
3	65.4	24.8	129.8	2,892.9	330.6	29.7	21.6	19.8	46.5	35.8	33.7	43.0
4	62.7	52.5	128.9	1,749.7	298.7	28.1	18.4	16.4	38.4	33.5	32.2	45.8
5	62.9	27.5	4,743.9	900.2	293.5	27.4	18.9	17.2	37.3	33.0	32.7	196.9
6	57.2	38.1	3,185.3	499.0	274.6	27.2	20.4	16.8	37.9	32.7	34.3	82.7
7	57.5	865.7	3,889.3	1,176.3	252.8	19.5	23.3	16.5	32.5	34.9	36.0	51.2
8	51.0	665.2	1,185.0	1,056.6	252.0	27.2	21.7	16.6	19.1	31.8	36.4	44.7
9	47.8	452.0	547.7	378.3	258.3	28.0	20.8	16.3	40.5	32.8	36.2	41.9
10	24.8	31.2	358.5	323.7	243.0	26.7	19.9	16.2	40.7	34.6	48.4	46.1
11	10.1	16.7	379.3	99.2	232.8	25.2	20.4	16.3	40.9	31.7	45.2	45.6
12	27.9	4.9	305.6	271.7	215.8	24.0	28.4	14.3	40.9	32.6	49.4	45.1
13	17.8	3.4	261.9	253.0	212.5	23.2	21.2	39.2	39.1	33.8	56.1	42.4
14	13.2	3.4	86.7	2,068.9	208.1	22.7	18.2	40.5	42.9	36.9	52.2	41.7
15	9.9	3.4	97.9	1,230.8	206.2	22.5	17.9	40.3	54.1	37.3	51.0	41.3
16	19.9	3.4	54.6	358.3	256.1	22.7	18.9	39.0	40.9	35.1	50.3	42.8
17	39.4	3.4	184.4	259.1	208.7	22.8	17.5	37.6	36.8	33.0	49.2	41.8
18	31.9	2.4	178.1	399.5	32.9	21.7	17.1	37.8	37.2	31.8	47.3	42.0
19	33.5	298.9	171.3	322.2	32.4	22.1	16.6	35.6	39.3	34.2	46.6	43.8
20	21.8	95.0	160.2	638.6	32.2	23.1	16.2	44.3	38.1	34.8	46.8	45.4
21	23.0	215.7	209.8	423.3	31.7	23.5	17.3	38.2	37.2	38.5	45.7	45.9
22	10.3	8.1	185.0	4,469.6	31.0	22.9	26.3	33.3	37.6	35.5	40.6	47.0
23	4.3	3.4	136.0	1,599.2	29.8	22.7	418.3	32.7	39.3	35.9	50.2	48.1
24	2.5	3.4	1,543.7	1,533.8	52.3	22.2	714.8	34.5	35.8	34.8	65.8	41.2
25	2.5	3.4	249.8	951.6	20.5	22.3	107.9	36.4	36.3	35.1	47.2	40.4
26	14.2	3.4	142.1	558.6	28.7	21.5	78.7	37.6	36.2	37.4	44.3	40.5
27	8.1	3.4	2,314.6	423.5	28.4	20.3	18.1	37.1	34.3	34.1	44.8	42.2
28	2.5	3.4	1,676.7	499.1	28.8	19.2	17.4	38.0	36.1	33.7	45.5	42.9
29	2.5	3.4	603.9	431.5	29.1	19.0	17.2	36.4	37.9	33.5	45.7	40.8
30	4,344.1	3.4	272.4		29.3	20.2	17.9	35.5	40.7	36.2	43.6	40.4
31		3.4	226.5		34.6		16.9		36.2	37.2		42.2
Total	5,151	6,979	23,871	26,325	4,942	702	1,854	876	1,185	1,073	1,324	1,529

San Elijo Mass Emission Station Loading Summary – Total Dissolved Nitrogen (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	29.2	3,586.3	103.3	216.5	303.3	32.3	29.9	23.9	40.5	39.6	37.1	32.9
2	58.8	174.0	102.0	219.9	289.5	40.0	35.1	26.3	41.4	38.5	35.7	53.1
3	69.4	22.6	101.8	2,632.1	259.1	42.2	30.6	28.1	51.0	39.2	37.0	57.9
4	66.5	41.2	101.0	1,557.8	234.1	39.8	26.1	23.2	42.1	36.8	35.3	48.6
5	66.7	21.6	3,541.1	819.1	230.0	38.9	26.8	24.4	40.9	36.2	35.9	208.7
6	60.7	29.8	2,016.4	454.0	215.2	38.5	29.0	23.8	41.6	35.9	37.6	87.7
7	60.9	787.6	2,624.7	772.9	198.1	21.6	33.0	23.4	32.2	38.3	39.5	54.3
8	54.1	605.3	1,078.2	926.2	197.5	38.6	30.7	23.5	31.9	34.9	39.9	47.4
9	50.6	411.2	498.3	296.5	202.4	39.7	29.5	23.1	42.4	36.0	39.8	44.4
10	26.3	28.4	326.2	253.6	190.4	37.9	28.2	23.0	44.7	38.0	51.4	48.9
11	10.7	15.2	297.2	49.9	182.4	35.8	28.9	23.0	44.9	34.8	47.9	48.4
12	29.5	3.8	239.5	213.0	169.1	34.0	40.3	20.3	44.9	35.8	52.4	47.8
13	18.9	2.6	205.3	198.3	166.6	32.9	30.0	43.0	42.9	37.1	59.4	45.0
14	14.0	2.6	65.0	1,882.4	163.1	32.2	25.8	44.5	39.9	40.5	55.4	44.2
15	10.5	2.6	83.3	1,119.9	161.6	31.9	25.3	44.2	54.5	40.9	54.0	43.8
16	21.1	2.6	69.0	326.0	200.7	32.1	26.8	42.7	51.5	38.5	53.3	45.4
17	41.8	2.6	144.5	235.7	163.6	32.3	24.8	41.2	40.4	36.2	52.1	44.3
18	33.8	2.2	139.6	313.1	46.7	30.8	24.2	41.4	40.8	34.9	50.1	44.6
19	35.6	272.0	134.3	252.5	45.9	31.4	23.6	39.1	43.1	37.6	49.4	46.5
20	23.1	86.4	125.5	581.0	45.6	32.7	22.9	48.7	41.9	38.2	49.6	48.1
21	24.4	196.2	190.9	385.1	45.0	33.4	24.5	41.9	40.8	42.3	48.4	48.7
22	11.0	7.4	168.4	4,066.7	44.0	32.4	37.3	36.6	41.3	38.9	48.8	49.9
23	4.6	2.6	160.1	1,455.1	42.2	32.1	380.5	35.9	43.2	39.4	47.4	51.0
24	2.6	2.6	1,606.6	1,395.5	102.0	31.4	650.3	37.9	39.3	38.2	45.7	43.7
25	2.6	2.6	227.3	865.8	28.6	31.7	98.2	40.0	39.9	38.5	50.0	42.8
26	15.1	2.6	129.3	508.3	26.1	30.4	71.6	41.3	39.7	41.0	47.0	43.0
27	8.5	2.6	2,106.0	385.3	40.3	28.8	25.6	40.7	37.6	37.4	47.5	44.8
28	2.6	2.6	1,525.6	391.1	40.8	27.2	24.7	41.7	39.6	36.9	48.2	45.5
29	2.6	2.6	549.5	338.2	41.2	26.9	24.4	39.9	41.5	36.7	48.4	43.3
30	3,952.4	2.6	247.9		41.6	28.7	25.4	38.9	44.7	39.7	46.2	42.8
31		2.6	206.1		32.5		24.0		39.7	40.8		44.7
Total	4,809	6,328	19,114	23,111	4,149	999	1,958	1,026	1,301	1,178	1,391	1,642

San Elijo Mass Emission Station Loading Summary – Total Phosphorus (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	1.22	634.91	3.31	6.93	9.71	0.54	1.24	0.99	1.25	1.22	1.14	1.43
2	2.46	30.81	3.26	7.04	9.26	1.66	1.46	1.09	1.27	1.18	1.10	1.82
3	2.91	4.00	3.26	465.98	8.29	1.75	1.27	1.17	1.57	1.21	1.14	2.39
4	2.79	1.32	3.23	563.67	7.49	1.65	1.08	0.97	1.30	1.13	1.09	2.03
5	2.79	0.69	949.81	145.01	7.36	1.62	1.11	1.02	1.26	1.11	1.10	8.75
6	2.54	0.95	431.44	80.38	6.89	1.60	1.20	0.99	1.28	1.11	1.16	3.68
7	2.55	139.44	712.92	23.07	6.34	2.68	1.37	0.97	1.18	1.18	1.22	2.28
8	2.27	107.15	190.87	16.13	6.32	1.60	1.28	0.98	1.12	1.07	1.23	1.99
9	2.12	72.80	88.22	9.49	6.48	1.65	1.23	0.96	1.45	1.11	1.22	1.86
10	1.10	5.03	57.75	8.12	6.09	1.57	1.17	0.96	1.38	1.17	2.15	2.05
11	0.45	2.68	9.51	3.78	5.84	1.49	1.20	0.96	1.38	1.07	2.01	2.03
12	1.24	0.12	7.66	6.81	5.41	1.41	1.68	0.84	1.38	1.10	2.20	2.00
13	0.79	0.08	6.57	6.35	5.33	1.37	1.25	1.32	1.32	1.14	2.49	1.88
14	0.58	0.08	2.40	333.25	5.22	1.34	1.07	1.37	1.46	1.25	2.32	1.85
15	0.44	0.08	5.34	198.26	5.17	1.33	1.05	1.36	0.95	1.26	2.26	1.84
16	0.88	0.08	4.49	57.71	6.42	1.34	1.11	1.32	1.65	1.19	2.23	1.90
17	1.75	0.08	4.62	41.73	5.23	1.34	1.03	1.27	1.24	1.11	2.18	1.86
18	1.42	0.38	4.47	10.02	1.94	1.28	1.01	1.28	1.26	1.08	2.10	1.87
19	1.49	48.15	4.30	8.08	1.91	1.30	0.98	1.20	1.33	1.16	2.07	1.95
20	0.97	15.30	4.02	102.86	1.90	1.36	0.95	1.50	1.29	1.18	2.08	2.02
21	1.02	34.74	33.80	68.18	1.87	1.39	1.02	1.29	1.26	1.30	2.03	2.04
22	0.46	1.31	29.80	719.95	1.83	1.35	1.55	1.13	1.27	1.20	1.89	2.09
23	0.19	0.08	10.29	257.60	1.75	1.33	67.37	1.11	1.33	1.21	1.78	2.14
24	0.11	0.08	143.68	247.06	1.84	1.31	115.14	1.17	1.21	1.18	2.74	1.83
25	0.11	0.08	40.24	153.28	0.80	1.32	17.38	1.23	1.23	1.18	2.10	1.79
26	0.63	0.08	22.89	89.98	2.52	1.26	12.67	1.27	1.22	1.26	1.97	1.80
27	0.36	0.08	372.84	68.21	1.67	1.19	1.06	1.25	1.16	1.15	1.99	1.88
28	0.11	0.08	270.09	12.52	1.69	1.13	1.03	1.28	1.22	1.14	2.02	1.91
29	0.11	0.08	97.28	10.82	1.71	1.12	1.01	1.23	1.28	1.13	2.03	1.81
30	699.73	0.08	43.88		1.73	1.19	1.05	1.20	1.37	1.22	1.94	1.79
31		0.08	36.49		1.62		1.00		1.22	1.26		1.87
Total	736	1,101	3,599	3,722	138	42.5	244	34.7	40.1	36.3	55.0	68.4

San Elijo Mass Emission Station Loading Summary – Total Dissolved Phosphorus (lbs)

	2007		2008									
Day	November	December	January	February	March	April	May	June	July	August	September	October
1	1.25	421.53	2.71	5.68	7.96	2.06	1.91	1.52	1.37	1.34	1.26	1.21
2	2.51	20.46	2.68	5.77	7.60	2.55	2.24	1.68	1.40	1.31	1.21	2.24
3	2.96	2.66	2.67	309.37	6.80	2.69	1.95	1.79	1.73	1.33	1.26	2.60
4	2.84	1.08	2.65	404.37	6.15	2.54	1.66	1.48	1.43	1.25	1.20	2.07
5	2.85	0.57	362.59	96.27	6.04	2.48	1.71	1.56	1.39	1.23	1.22	8.91
6	2.59	0.78	234.47	53.36	5.65	2.46	1.85	1.52	1.41	1.22	1.28	3.75
7	2.60	92.58	337.39	20.99	5.20	3.72	2.10	1.49	1.37	1.30	1.34	2.32
8	2.31	71.14	126.73	19.65	5.18	2.46	1.96	1.50	1.15	1.18	1.35	2.03
9	2.16	48.34	58.57	7.78	5.31	2.53	1.88	1.47	1.44	1.22	1.35	1.90
10	1.12	3.34	38.34	6.66	5.00	2.41	1.80	1.47	1.52	1.29	2.19	2.09
11	0.46	1.78	7.80	2.25	4.79	2.28	1.85	1.47	1.52	1.18	2.05	2.07
12	1.26	0.10	6.29	5.59	4.44	2.17	2.57	1.30	1.52	1.21	2.24	2.04
13	0.81	0.07	5.39	5.21	4.37	2.10	1.91	1.46	1.46	1.26	2.54	1.92
14	0.60	0.07	2.04	221.25	4.28	2.05	1.64	1.51	1.19	1.37	2.37	1.89
15	0.45	0.07	2.45	131.63	4.24	2.04	1.62	1.50	1.39	1.39	2.31	1.87
16	0.90	0.07	2.44	38.31	5.27	2.05	1.71	1.45	2.03	1.31	2.28	1.94
17	1.79	0.07	3.79	27.70	4.29	2.06	1.58	1.40	1.37	1.23	2.23	1.89
18	1.44	0.26	3.66	8.22	2.98	1.96	1.54	1.41	1.38	1.18	2.14	1.90
19	1.52	31.97	3.52	6.63	2.93	2.00	1.50	1.33	1.46	1.27	2.11	1.99
20	0.99	10.16	3.30	68.29	2.91	2.09	1.46	1.65	1.42	1.30	2.12	2.05
21	1.04	23.07	22.44	45.27	2.87	2.13	1.56	1.42	1.39	1.43	2.07	2.08
22	0.47	0.87	19.79	478.00	2.81	2.07	2.38	1.24	1.40	1.32	2.29	2.13
23	0.20	0.07	8.12	171.03	2.69	2.05	44.73	1.22	1.46	1.34	1.53	2.18
24	0.11	0.07	128.29	164.03	3.10	2.00	76.44	1.28	1.33	1.30	2.35	1.87
25	0.11	0.07	26.72	101.76	0.78	2.02	11.54	1.36	1.35	1.30	2.14	1.83
26	0.64	0.07	15.20	59.74	3.00	1.94	8.41	1.40	1.35	1.39	2.01	1.83
27	0.37	0.07	247.53	45.29	2.57	1.83	1.63	1.38	1.28	1.27	2.03	1.91
28	0.11	0.07	179.32	10.27	2.60	1.74	1.58	1.41	1.34	1.25	2.06	1.94
29	0.11	0.07	64.58	8.88	2.63	1.71	1.55	1.35	1.41	1.25	2.07	1.85
30	464.57	0.07	29.13		2.65	1.83	1.62	1.32	1.51	1.35	1.97	1.83
31		0.07	24.22		2.69		1.53		1.35	1.38		1.91
Total	501	732	1,975	2,529	130	66.0	189	43.3	44.1	39.9	56.5	70.0

