

Kaiser Aluminum DMR Summary, 1-09 to 3-11

Outfall 001

Date	Flow (mgd)		pH (s.u.)		TSS				Oil & Grease				Temp (°F)	
	Avg	Max	Min	Max	lbs/day		mg/L		lbs/day		mg/L		Avg	Max
					Avg	Max	Avg	Max	Avg	Max	Avg	Max		
Jan-09	14.96	15.5	9	6.8	53	110	0.4	0.9	480	776	3.8	6	53.8	57.5
Feb-09	15.36	15.8	7.2	6.9	80	194	0.6	1.5	586	799	4.6	6.3	54.8	58.2
Mar-09	15.54	15.9	7.2	6.8	147	527	1.1	4	409	478	3.1	3.7	54.7	58.3
Apr-09	16.18	17	7.8	6.9	83	321	0.6	2.3	383	620	2.8	4.5	55.2	59.1
May-09	16.13	16.9	7.3	6.9	116	398	0.9	3	392	843	2.9	6.4	56.8	61.1
Jun-09	16.88	17.6	7.2	6.8	100	336	0.7	2.5	467	8.04	3.3	5.7	59.4	62.6
Jul-09	17.15	18.1	7.2	6.8	334	1968	2.3	13.4	379	477	2.6	3.3	60.9	64
Aug-09	17.55	18.1	7.1	6.5	143	295	1	2	448	610	3.1	4.2	60.6	67.2
Sep-09	17.03	17.5	7.6	6.3	887	5713	6.2	39.8	692	1693	4.9	12	60.1	71.4
Oct-09	15.98	16.8	7	6.4	121	258	0.9	1.9	316	530	2.4	4.1	57.7	62.6
Nov-09	15.9	16.6	7.6	6.5	108	286	0.8	2.1	296	605	2.2	4.5	56.1	56.9
Dec-09	13.03	15.9	7.9	5.5 *	354	2283	3.6	22.8	211	414	1.9	3.4	55.9	62
Jan-10	15.23	17.4	7.6	7	139	243	1.1	1.8	193	269	1.6	2.9	54.8	55.9
Feb-10	16.41	17.5	7.5	5.4	86	117	0.6	0.9	209	310	1.5	2.3	54.7	55.7
Mar-10	15.71	17.1	7.5	6.1	75	190	0.6	1.4	163	353	1.3	2.8	55.8	59.4
Apr-10	15.99	16.9	8.6	5.6	117	208	0.9	1.6	100	193	0.8	1.4	57.1	63.9
May-10	16.39	16.9	9	5.4 *	108	263	0.8	1.9	110	219	0.8	1.6	58	60.8
Jun-10	17.2	17.8	8.3	5.2	335	1751	2.3	12.2	195	602	1.3	4.1	61	69
Jul-10	17.13	17.7	7.6	5.1	129	359	0.9	2.5	184	307	1.3	2.2	62.4	68.6
Aug-10	16.35	17	8.4	5.4	116	354	0.9	2.6	152	275	1.1	2	61	72
Sep-10	13.31	16.2	8.2	5.3	85	203	0.9	2	98	152	1	2.1	66.7	82.2
Oct-10	13.29	16.1	8.9	5.8	102	290	0.9	2.3	89	282	0.7	2.1	69.6	91.2
Nov-10	11.87	15.1	7.6	5.3	47	101	0.5	1.6	74	292	0.7	2.4	60.7	71.9
Dec-10	14.83	15.3	7.8	5.4 *	64	151	0.5	1.2	135	605	1.1	4.9	54.5	59.2
Jan-11	14.45	15.3	7.7	5.3	87	227	0.7	1.9	66	141	0.5	1.2	59	77.5
Feb-11	14.18	14.8	8	5.3	126	337	1.1	2.8	60	104	0.5	0.9	55.4	61.7
Mar-11	14.75	15.2	8.9	7.4	103	176	0.8	1.4	76	117	0.6	1	62.6	88.2

Min	11.9	14.8	7.0	5.1	47	101	0.4	0.9	60	8	0.5	0.9	53.8	55.7
Max	17.6	18.1	9.0	7.4	887	5713	6.2	39.8	692	1693	4.9	12.0	69.6	91.2
Avg	15.5	16.6	7.8	6.1	157	654	1.2	5.0	258	447	1.9	3.6	58.5	65.9

Limits	-	-	9	6	1453	3037	-	-	668	1102	-	-	-	-
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* - not violations, excursions were between 5.0 and 6.0 and did not exceed 60 minutes in length with total excursions not exceeding 7 hours and 30 minutes per month.

Kaiser Aluminum DMR Summary, 1-09 to 3-11

Outfall 001

Date	Hardness (mg/L as CaCO3)		Aluminum				Chromium				Zinc (mg/L)	
	Avg	Max	lbs/day		mg/L		lbs/day		mg/L		Avg	Max
Jan-09	142	151	1.4	5.3	0.01	0.04	0.3	1.3	0.003	0.012	0.015	0.022
Feb-09	149	158	0.5	4.2	0	0.03	0.1	0.3	0.001	0.006	0.014	0.024
Mar-09	152	164	1.6	5.9	0.01	0.05	0	0	<.0047	<.0047	0.016	0.024
Apr-09	129	151	1.1	4.3	0.01	0.03	0.1	0.5	<.0047	0.006	0.007	0.013
May-09	142	145	4.3	14.1	0.03	0.1	0.4	1.5	0.006	0.024	0.007	0.014
Jun-09	144	150	1.1	8.2	0.01	0.06	0.1	0.3	<.0047	<.0047	0.008	0.029
Jul-09	144	148	0.9	4.9	0.01	0.03	0	0.2	<.0047	<.0047	0.007	0.02
Aug-09	149	158	0.2	1.6	0	0.01	0.1	0.6	<.0047	0.005	0.004	0.012
Sep-09	146	153	8.4	37.2	0.06	0.26	0.1	0.5	<.0047	<.0047	0.016	0.058
Oct-09	140	151	0.8	3.3	0.01	0.03	0.1	0.3	<.0047	<.0047	0.007	0.022
Nov-09	139	144	1.7	3.9	0.01	0.03	0.1	0.3	<.0047	<.0047	0.002	0.013
Dec-09	140	148	0.8	5.7	0.01	0.06	0.4	3	<.0047	<.0047	0.008	0.018
Jan-10	144	148	0.9	3.8	0.01	0.03	0	0.1	<.0047	<.0047	0.008	0.015
Feb-10	135	140	1.0	2.4	0.01	0.02	0.1	0.2	<.0047	<.0047	0.013	0.018
Mar-10	140	144	0.9	5.3	0.01	0.04	0	0	<0.0047	<0.0047	0.005	0.013
Apr-10	131	139	0.6	1.7	0	0.02	0.1	0.3	<0.0047	<0.0047	0.01	0.015
May-10	133	140	1.5	3.9	0.01	0.03	0	0.2	<0.0047	<0.0047	0.012	0.054
Jun-10	136	148	2.4	6.5	0.02	0.05	0.2	0.9	<0.0047	<0.0047	0.017	0.025
Jul-10	137	150	2.5	6.3	0.02	0.04	0.1	0.3	<0.0047	<0.0047	0.005	0.015
Aug-10	146	159	2.1	3.3	0.02	0.03	0.1	0.5	<0.0047	<0.0047	0.005	0.013
Sep-10	144	160	2.2	4.9	0.03	0.07	0.4	1.1	<0.0047	0.009	0.004	0.012
Oct-10	140	151	1.5	3.1	0.01	0.03	0.1	0.2	<0.0047	<0.0047	0.006	0.014
Nov-10	135	150	0.4	2.0	0.01	0.03	0	0.2	<0.002	0.006	0.016	0.022
Dec-10	136	144	1.6	3.1	0.01	0.03	0.1	0.3	<0.0019	0.006	0.011	0.018
Jan-11	132	139	2.5	5.5	0.02	0.04	0.2	0.3	<0.0024	0.01	0.012	0.016
Feb-11	142	149	3.8	6.1	0.03	0.05	0	0.2	<0.0019	0.006	0.021	0.058
Mar-11	139	149	6.9	9.5	0.06	0.08	0	0.2	<0.0047	<0.0047	0.014	0.018
Min	129	139	0.2	1.6	0.00	0.01	0.0	0.0	0.001	0.005	0.002	0.012
Max	152	164	8.4	37.2	0.06	0.26	0.4	3.0	0.006	0.024	0.021	0.058
Avg	140	149	2.0	6.1	0.02	0.05	0.1	0.5	0.003	0.009	0.010	0.022
Limits	-	-	23.4	46.8	-	-	2.1	5.1	-	-	-	-

Outfall 002

Date	Flow (mgd)		TSS				Aluminum				Hexa-Chromium				Chromium			
			lbs/day	lbs/day	mg/L	mg/L	lbs/day	lbs/day	mg/L	mg/L	lbs/day	lbs/day	mg/L	mg/L	lbs/day	lbs/day	mg/L	mg/L
	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max
Jan-09	0.07	0.1	5.2	16.3	8.49	25.3	0.46	1.64	0.85	3.63	0	0.01	0	0.01	0.0026	0.0049	0.004	0.008
Feb-09	0.08	0.1	3.2	5.6	4.56	7.8	0.07	0.12	0.09	0.15	0	0	0	0	0.0028	0.0083	0.004	0.011
Mar-09	0.08	0.1	1.9	3.1	2.79	5	0.14	0.29	0.21	0.36	0	0.02	0.01	0.05	0.0004	0.0034	0.001	0.007
Apr-09	0.06	0.13	37	153	83.48	508.2	3	23	9.6	74.96	0.01	0.03	0.01	0.05	0.0063	0.0275	0.013	0.086
May-09	0.05	0.08	42	157	131.61	588.5	1	4	2.83	13.34	0.003	0.01	0.01	0.05	0.0136	0.0713	0.029	0.122
Jun-09	0.06	0.08	3	11	6.21	20.9	0.2	0.3	0.32	0.63	0.002	0.01	0	0.02	0.0032	0.0188	0.007	0.037
Jul-09	0.06	0.13	61	515	99.01	833.7	1.2	10.2	2.01	16.47	0.005	0.04	0.01	0.07	0.0016	0.008	0.003	0.01
Aug-09	0.07	0.13	17	57	33.13	111.2	0.4	1	0.85	2.39	0.001	0.01	0	0.02	0.0028	0.0171	0.006	0.041
Sep-09	0.07	0.1	140	270	275.41	567.5	23.7	109	45.51	229.1	0.002	0.01	0	0.02	0.0312	0.1013	0.059	0.213
Oct-09	0.07	0.09	95	493	136.04	649	2.5	12.5	4.55	27.83	0.002	0.01	0	0.02	0.0086	0.0455	0.016	0.101
Nov-09	0.07	0.17	7	11	11.46	19.1	0.3	0.3	0.44	0.66	0.001	0.003	0	0.01	0.0004	0.0031	0.001	0.006
Dec-09	0.07	0.12	10	23	16.37	35.8	5.7	31.3	7.13	44.09	0	0.002	0	0	0.0155	0.0681	0.02	0.096
Jan-10	0.06	0.08	6.7	23.3	11.94	40.4	0.1	0.25	0.18	0.41	0	0.01	0	0.02	0.0005	0.0037	0.001	0.006
Feb-10	0.07	0.1	13.2	60.1	24.09	118.1	0.24	0.48	0.41	0.94	0.02	0.06	0.04	0.1	0.0014	0.0046	0.002	0.009
Mar-10	0.06	0.08	2.1	3.8	3.72	6.2	0.13	0.21	0.24	0.33	0.01	0.02	0.02	0.04	0	0	0	0
Apr-10	0.07	0.12	5.8	13.5	9.99	21.8	0.28	0.63	0.43	0.68	0.02	0.08	0.02	0.08	0.0023	0.0058	0.004	0.01
May-10	0.08	0.13	5.9	11.6	8.83	17.2	0.34	0.51	0.57	1.02	0.01	0.03	0.01	0.03	0.0011	0.0062	0.002	0.011
Jun-10	0.1	0.15	7	14.3	7.42	13	0.35	0.54	0.37	0.53	0.02	0.08	0.02	0.09	0.0012	0.0064	0.002	0.009
Jul-10	0.07	0.12	8.2	31.3	13	36.4	0.28	0.57	0.5	1.09	0.03	0.07	0.05	0.13	0.0009	0.0045	0.002	0.008
Aug-10	0.08	0.12	6.2	9.9	8.71	16.7	0.67	1.8	0.89	2.04	0.01	0.04	0.01	0.04	0.001	0.0051	0.001	0.006
Sep-10	0.07	0.1	7.5	20.7	12.69	27.3	0.52	0.91	0.94	1.73	0	0.01	0.01	0.02	0.0043	0.0077	0.008	0.013
Oct-10	0.06	0.09	9.7	41.4	19.79	91.3	0.34	0.96	0.67	2.13	0.003	0.005	0.01	0.01	0.0009	0.005	0.002	0.008
Nov-10	0.06	0.08	4.6	10.8	9.07	23.5	0.31	0.45	0.61	0.96	0.005	0.011	0.01	0.02	0	0	0	0
Dec-10	0.06	0.09	7.2	28.6	13.36	50.4	0.23	0.35	0.44	0.66	0.004	0.006	0.01	0.01	0.0013	0.0051	0.003	0.013
Jan-11	0.07	0.09	15.9	60.4	27.61	106.4	0.36	0.77	0.58	1.09	0	0.01	0.01	0.02	0.0027	0.0097	0.005	0.014
Feb-11	0.06	0.08	7.4	11.3	13.39	18.8	0.33	0.97	0.57	1.48	0.005	0.019	0.01	0.04	0.0008	0.0032	0.001	0.006
Mar-11	0.07	0.09	8.5	12.5	15.17	22	0.67	1.48	1.24	2.53	0.006	0.031	0.01	0.04	0.0003	0.003	0.001	0.006
Min	0.05	0.08	1.9	3.1	2.8	5.0	0.07	0.12	0.09	0.15	0.000	0.000	0.00	0.00	0.000	0.000	0.000	0.000
Max	0.10	0.17	140.0	515.0	275.4	833.7	23.70	109.00	45.51	229.10	0.030	0.080	0.05	0.13	0.031	0.101	0.059	0.213
Avg	0.07	0.11	19.9	76.6	37.3	147.5	1.62	7.58	3.08	15.97	0.006	0.024	0.01	0.04	0.004	0.017	0.007	0.032
Limits	-	-	82	171	-	-	10	25	-	-	0.16	0.2	-	-	2.1	5.1	-	-

Outfall 002

Date	Oil & Grease				Ortho Phosphorus				Total Phosphorus				Zinc			
	lbs/day	lbs/day	mg/L	mg/L	lbs/day	lbs/day	mg/L	mg/L	lbs/day	lbs/day	mg/L	mg/L	lbs/day	lbs/day	mg/L	mg/L
	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max
Jan-09	4.95	14.78	8.2	23	0.01	0.04	0.02	0.06	0.17	0.22	0.29	0.38	0	0.22	0.08	0.34
Feb-09	4.29	9.16	6.3	11.3	0.24	1.78	0.4	3	0.21	0.51	0.28	0.63	0	0.03	0.02	0.04
Mar-09	4.1	6.54	6.3	9.3	0.01	0.02	0.01	0.03	0.17	0.23	0.25	0.3	0	0.07	0.03	0.11
Apr-09	4.8	10.6	9.9	26.8	0.02	0.12	0.03	0.13	0.22	0.65	0.46	1.7	0.1	0.43	0.23	1.44
May-09	13.7	81.8	28.9	134.3	0.01	0.01	0.02	0.05	0.33	1.5	0.71	2.57	0.2	1.33	0.45	2.28
Jun-09	2.3	4.6	4.8	10.2	0	0.02	0.01	0.05	0.2	0.31	0.2	0.31	0	0.12	0.03	0.23
Jul-09	3.3	10	6.2	17.8	0.01	0.05	0.02	0.09	0.12	0.3	0.21	0.38	0.1	0.87	0.18	1.41
Aug-09	7.9	31.9	16	49.6	0.01	0.03	0.01	0.04	0.14	0.23	0.26	0.41	0	0.09	0.07	0.22
Sep-09	43.6	182.9	78.9	384.5	0.48	1.28	0.87	2.4	0.55	1.38	1.04	2.62	0.7	2.04	1.31	4.29
Oct-09	14.6	127.7	22.2	201.4	0.01	0.03	0.01	0.04	0.33	1.01	0.48	1.33	0.2	0.68	0.31	1.51
Nov-09	2.7	7	4.4	6.9	0	0	0	0	0.17	0.22	0.29	0.36	0	0.05	0.04	0.09
Dec-09	2.9	20.8	4.4	27.7	0.16	0.82	0.2	1.16	0.21	1.14	0.32	1.6	0.2	1.17	0.3	1.65
Jan-10	2.11	3.78	4.3	6.8	0	0	0	0	0.11	0.19	0.2	0.31	0	0.03	0.02	0.07
Feb-10	4.19	9.38	6.6	14.6	0.01	0.03	0.02	0.05	0.2	0.31	0.35	0.61	0	0.1	0.06	0.21
Mar-10	3.67	9.26	7	16.7	0.01	0.02	0.01	0.03	0.13	0.17	0.24	0.32	0	0.01	0.01	0.02
Apr-10	2.49	4.38	4.4	7.6	0.01	0.02	0.01	0.2	0.12	0.18	0.2	0.26	0	0.03	0.02	0.05
May-10	3.62	9.42	5.5	18.5	0	0.01	0	0.01	0.13	0.18	0.2	0.25	0.1	0.35	0.09	0.62
Jun-10	3.18	6.39	3.5	5.9	0.02	0.05	0.02	0.04	0.18	0.23	0.2	0.25	0	0.05	0.02	0.05
Jul-10	3.11	9.69	5.1	18.6	0.03	0.11	0.06	0.15	0.14	0.34	0.24	0.39	0	0.06	0.02	0.07
Aug-10	1.72	4.26	2.6	5	0.01	0.04	0.01	0.06	0.15	0.21	0.2	0.28	0	0.04	0.01	0.04
Sep-10	2.26	4.22	4.2	8.1	0	0.02	0.01	0.03	0.1	0.23	0.18	0.3	0	0.04	0.03	0.05
Oct-10	2.69	5.42	5	10	0.01	0.03	0.02	0.05	0.14	0.19	0.27	0.33	0	0.05	0.03	0.07
Nov-10	1.96	3.74	3.8	7.6	0	0.01	0.01	0.02	0.11	0.14	0.22	0.31	0	0.03	0.03	0.06
Dec-10	2.41	3.97	4.8	8.2	0	0.01	0.01	0.02	0.11	0.15	0.22	0.31	0	0.02	0.02	0.04
Jan-11	3.33	14.16	6	26.1	0	0	0	0.01	0.1	0.15	0.18	0.22	0	0.03	0.03	0.05
Feb-11	3.14	9.02	5.9	15	0	0.01	0	0.01	0.1	0.13	0.18	0.25	0	0.03	0.03	0.06
Mar-11	2.27	5	4	8.2	0	0	0	0	0.1	0.18	0.18	0.29	0	0.05	0.04	0.11
Min	1.72	3.74	2.6	5.0	0.00	0.00	0.00	0.00	0.10	0.13	0.18	0.22	0.00	0.01	0.01	0.02
Max	43.60	182.90	78.9	384.5	0.48	1.78	0.87	3.00	0.55	1.50	1.04	2.62	0.70	2.04	1.31	4.29
Avg	5.60	22.59	10.0	40.0	0.04	0.17	0.07	0.29	0.18	0.40	0.30	0.64	0.06	0.30	0.13	0.56
Limits	50	84	-	-	9.6	12	-	-	-	-	-	-	1.3	3.08	-	-

Outfall 003

Date	Flow (gpd)		pH (s.u.)		Fecal Coliform (#/100ml)		BOD				TSS				Total Phosphorus			
							lbs/day	lbs/day	mg/L	mg/L	lbs/day	lbs/day	mg/L	mg/L	lbs/day	lbs/day	mg/L	mg/L
	Avg	Max	Max	Min	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max
Jan-09	50000	70000	7.7	6.9	4	32	3.37	5.39	7.97	9.79	1.48	2.37	3.25	4.3	0.86	1.05	1.93	2.39
Feb-09	50000	60000	7.3	6.9	0	0	3.83	4.95	9.72	11.63	1.28	1.81	2.98	3.8	0.65	0.87	1.44	1.97
Mar-09	50000	60000	7.4	6.2	6	32	2.34	3.58	5.64	7.03	1.03	1.43	2.47	2.8	0.57	0.77	1.48	1.89
Apr-09	40000	60000	7.8	4.8	0	0	3.68	8.49	9.75	19.2	1.53	3.1	3.64	6.2	0.48	0.69	1.5	2.17
May-09	30000	50000	7.4	5.1	0	1	2.6	3.83	10.37	12.39	1.05	1.24	3.83	4.5	0.47	0.69	1.74	2.01
Jun-09	20000	30000	7.6	5.6	37	120	1.86	2.22	10.34	14.02	0.58	0.75	2.95	3.6	0.32	0.39	1.56	1.97
Jul-09	20000	30000	7.4	4.9	0	1	0.73	1.18	6.24	8.39	0.46	0.88	3.03	4.2	0.27	0.44	1.87	3.8
Aug-09	40000	50000	10.7	4.2	0	2	2.42	4.07	8.44	10.63	0.85	1.14	2.8	3.2	0.24	0.41	0.86	1.54
Sep-09	40000	60000	8.4	5.1	0	1	3.14	5.17	8.98	10.67	1.28	2.03	3.34	4.2	0.35	0.52	1.03	1.33
Oct-09	50000	60000	7.7	6.2	0	0	2.21	2.96	5.91	8.06	1.09	1.32	2.75	3.3	0.48	0.87	1.17	2.04
Nov-09	50000	70000	7.4	6.3	0	0	2.51	3.86	5.93	7.54	1.35	2.23	3.05	4.3	0.65	1	1.5	1.94
Dec-09	70000	80000	7.8	6.1	0	0	2.87	4.3	4.5	6.44	4.25	6.14	6.62	9.2	0.44	0.81	0.71	1.33
Jan-10	50000	80000	6.7	5.7	0	0	1.94	4.37	4.5	10.91	4.15	4.73	9.3	10.3	0.16	0.26	0.34	0.55
Feb-10	60000	70000	6.7	5.7	0	0	1.8	3.13	3.92	7.5	4.76	5.18	9.88	10.7	0.15	0.2	0.32	0.4
Mar-10	60000	70000	6.6	5.2	0	0	1.75	2.98	3.55	6.62	5.14	6.53	9.88	11.5	0.18	0.23	0.35	0.44
Apr-10	60000	80000	6.5	2.9	0	0	2.11	3.29	4.26	6.06	5.53	8.33	9.85	12.8	0.21	0.39	0.42	0.63
May-10	50000	60000	8.1	5.1	0	0	3.01	4.99	6.74	9.77	2.85	3.73	6.13	7.1	0.28	0.36	0.63	0.97
Jun-10	40000	60000	7.1	4.7	0	0	1.9	2.72	6.4	8.36	1.58	2.44	5.08	7.5	0.31	0.47	0.91	1.35
Jul-10	30000	50000	7.7	4.6	44	219	1.45	1.77	6.13	8.47	1.34	1.82	4.13	5.6	0.41	0.51	1.26	1.54
Aug-10	30000	40000	7.9	5.4	0	0	1.25	2.41	5.98	7.42	1.09	1.65	4.05	6	0.28	0.36	1.16	1.49
Sep-10	20000	30000	10.4	4.9	0	0	1.16	2.76	6.01	12.27	0.71	1.48	3.64	5.2	0.25	0.43	1.42	1.92
Oct-10	20000	40000	7.2	4.8	0	0	0.74	1.31	4.02	5.29	0.52	0.83	2.88	3.2	0.27	0.32	1.43	1.71
Nov-10	30000	60000	7.5	5.5	0	0	1.22	3.66	4.76	8.27	1.18	2.96	4.3	6.7	0.34	0.51	1.47	1.95
Dec-10	60000	80000	7.3	6.7	0	0	2.91	4.58	5.83	7.63	1.76	2.47	3.42	5.1	0.58	0.71	1.15	1.44
Jan-11	70000	80000	7.5	6.7	0	0	3.09	4.23	5.85	7.34	1.31	1.73	2.4	2.8	0.45	0.56	0.82	1.28
Feb-11	80000	90000	7.5	6.8	0	0	4.05	5.92	6.5	9.33	2.3	3.12	3.73	4.8	0.46	0.61	0.73	0.93
Mar-11	70000	90000	8.7	6.8	0	0	2.9	4.19	5.28	8.58	2.87	3.2	4.92	5.6	0.48	0.6	0.81	1.2
Min	20000	30000	6.5	2.9	0	0	0.73	1.18	3.55	5.29	0.46	0.75	2.40	2.80	0.15	0.20	0.32	0.40
Max	80000	90000	10.7	6.9	44	219	4.05	8.49	10.37	19.20	5.53	8.33	9.88	12.80	0.86	1.05	1.93	3.80
Avg	45926	61481	7.7	5.5	3	15	2.33	3.79	6.43	9.24	1.97	2.76	4.60	5.87	0.39	0.56	1.11	1.56
Limits	-	-	-	-	200	400	63	94	30	45	63	94	30	45	-	-	-	-

Intake Water

Date	Aluminum (mg/L)		Chromium (mg/L)		Oil & Grease (mg/L)		TSS (mg/L)		Zinc (mg/L)	
	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max
Jan-09	0.01	0.04	0	0.01	3.44	5.8	0.91	2.9	0.05	0.06
Feb-09	0.02	0.08	0	0.01	3.76	5.2	1.75	4	0.06	0.06
Mar-09	0.1	0.26	0	0	2.65	3.15	2.41	8.3	0.07	0.1
Apr-09	0.15	0.31	0	0.01	3.13	4.3	3.56	4.5	0.06	0.07
May-09	0.19	0.26	0.01	0.02	2.26	4	3.61	6.5	0.06	0.06
Jun-09	0.03	0.09	0	0.01	1.95	4.1	3.47	11.9	0.04	0.06
Jul-09	0.03	0.08	0	0.01	2.16	2.75	1.44	4.3	0.03	0.05
Aug-09	0	0	0	0	2.58	3.25	0.13	0.6	0.01	0.02
Sep-09	0.02	0.13	0	0.01	1.96	3.7	0.63	2.4	0.02	0.05
Oct-09	0	0.02	0	0.01	2.27	3.2	1.5	3.4	0.03	0.03
Nov-09	0.02	0.04	0	0	1.63	3.2	1.04	2.1	0.04	0.04
Dec-09	0.01	0.03	0	0.01	1.47	2.8	1.21	3.1	0.04	0.04
Jan-10	0.04	0.19	0	0	0.88	1.7	0.98	2.9	0.04	0.05
Feb-10	0.01	0.04	0	0	1.42	2.25	1.01	2.5	0.05	0.06
Mar-10	0	0	0	0	0.85	1.5	0.86	2.6	0.04	0.05
Apr-10	0.01	0.03	0	0.1	0.72	1	1.28	3	0.05	0.07
May-10	0.04	0.1	0	0	0.43	1.05	1.79	3.1	0.06	0.06
Jun-10	0.02	0.05	0	0	1.28	3.5	1.69	2.9	0.06	0.08
Jul-10	0.03	0.06	0	0.01	0.84	1.4	1.47	3.9	0.03	0.05
Aug-10	0.01	0.03	0	0.01	0.98	1.45	1.36	3.7	0.02	0.02
Sep-10	0.02	0.08	0.01	0.01	0.89	2.45	0.84	2.3	0.02	0.02
Oct-10	0.01	0.03	0	0.01	0.42	1.2	1.05	3.4	0.03	0.04
Nov-10	0	0.03	0	0	0.38	0.95	1.57	4.2	0.04	0.05
Dec-10	0.01	0.03	0	0.01	0.62	1.25	1.21	2.3	0.05	0.06
Jan-11	0.04	0.11	0	0.01	0.34	1.2	0.96	2.5	0.06	0.06
Feb-11	0.11	0.2	0	0.01	0.53	0.85	1.35	4.3	0.06	0.06
Mar-11	0.29	0.39	0	0.01	0.72	1.1	1.2	1.9	0.06	0.08
Min	0.00	0.00	0.00	0.00	0.34	0.85	0.13	0.60	0.01	0.02
Max	0.29	0.39	0.01	0.10	3.76	5.80	3.61	11.90	0.07	0.10
Avg	0.05	0.10	0.00	0.01	1.50	2.53	1.49	3.69	0.04	0.05