

**1st Quarter Metal data, plus previous quarters**

**Mass Loadings (Pond 5 & 6 combined)**

Consent Condition 17b. No more than 16 values from 26 consecutive samples shall exceed the Standard

POND 6		Flow m <sup>3</sup> /day	Arsenic 0.54 kg/day	Cadmium 0.044 kg/day	Chromium 9 kg/day	Copper 3.6 kg/day	Nickel 4.6 kg/day	Lead 0.99 kg/day
Detection Limits (ppb)								
	Date							
Quarter 2 2006	15.02.2006	135,000	0.27	0.013	1.9	0.8	1.0	0.27
	15.03.2006	143,000	0.17	0.014	1.9	1.4	1.6	0.29
	15.04.2006	133,000	0.37	0.013	1.9	0.3	1.5	0.27
Quarter 3 2006	15.05.2006	285,419	0.29	0.057	3.1	2.0	3.1	1.14
	15.06.2006	248,305	0.60	0.067	3.7	2.0	2.2	0.99
	15.07.2006	168,591	0.62	0.017	1.9	1.2	2.4	0.34
Quarter 4 2006	15.08.2006	258,712	1.19	0.026	2.1	3.6	1.9	0.52
	15.09.2006	125,328	0.25	0.015	1.1	1.0	0.9	0.20
	15.10.2006	139,702	0.42	0.018	2.0	1.6	1.1	0.38
Quarter 1 2007	15.11.2006	41,402	0.09	0.004	0.4	0.3	0.6	0.45
	15.12.2006	222,617	0.40	0.022	1.3	0.9	2.4	0.08
	15.01.2007	151,675	0.08	0.015	0.3	0.9	1.8	0.30
Quarter 2 2007	15.02.2007	155,666	0.26	0.016	0.7	0.4	0.5	1.31
	15.03.2007	141,960	0.20	0.014	0.9	0.4	0.9	0.28
	15.04.2007	111,552	0.26	0.011	0.6	0.3	1.0	0.22
Quarter 3 2007	15.05.2007	145,916	0.07	0.015	0.7	1.4	1.5	0.29
	15.06.2007	148,109	0.27	0.015	0.8	1.6	0.4	0.30
	15.07.2007	162,169	0.08	0.016	0.3	1.9	0.5	0.32
Quarter 4 2007	15.08.2007	179,763	0.09	0.018	0.4	1.3	0.5	0.36
	15.09.2007	149,496	0.18	0.015	0.9	0.9	1.3	0.30
	15.10.2007	203,256	0.45	0.020	1.0	1.6	1.7	0.41
Quarter 1 2008	15.11.2007	155,298	0.40	0.016	1.5	1.7	1.2	0.31
	15.12.2007	115,954	0.20	0.012	1.2	0.9	0.3	0.23
	15.01.2008	102,705	0.22	0.010	0.5	0.3	0.3	0.21
Quarter 2 2008	15.02.2008	183,125	0.26	0.018	1.6	0.1	0.1	0.04
	15.03.2008	110,729	0.18	0.011	0.2	0.8	0.3	0.17
	15.04.2008	142,983	0.11	0.014	0.5	0.9	1.3	0.21
Quarter 3 2008	15.05.2008	154,169	0.39	0.020	0.6	1.1	0.9	0.23
	15.06.2008	159,529	0.41	0.032	1.2	2.1	1.3	0.32
	15.07.2008	180,681	0.61	0.018	1.1	1.5	1.0	0.36
Quarter 4 2008	15.08.2008	226,943	0.77	0.023	1.0	0.3	0.7	0.34
	15.09.2008	253,712	0.71	0.025	0.5	1.4	0.8	0.51
	15.10.2008	201,271	0.60	0.020	1.2	1.3	0.6	0.30
Quarter 1 2009	15.11.2008	214,163	0.60	0.021	1.3	1.9	1.2	0.32
	15.12.2008	167,553	0.72	0.017	1.0	1.2	1.3	0.25
	15.01.2009	144,241	0.69	0.014	1.2	0.9	0.4	0.22
Quarter 2 2009	15.02.2009	107,387	0.35	0.011	1.2	0.4	0.6	0.16
	15.03.2009	78,330	0.30	0.004	0.9	0.7	0.5	0.07
	15.04.2009	153,974	0.43	0.008	3.4	0.9	1.0	0.13
Quarter 3 2009	15.05.2009	216,576	0.80	0.024	1.2	1.0	1.5	0.22
	15.06.2009	190,949	0.80	0.010	0.5	1.2	1.2	0.16
	15.07.2009	181,027	0.40	0.009	0.3	0.8	0.2	0.15
Quarter 4 2009	15.08.2009	95,487	0.09	0.005	0.02	0.1	0.1	0.08
	15.09.2009	0	0.00	0.000	0.00	0.0	0.0	0.00
	15.10.2009	164,457	0.15	0.008	0.04	0.3	0.2	0.14

Zinc 7 kg/day
< 13.5 < 14.3 8.0
11.4 9.9 6.7
10.3
3.9 5.4
1.2 No Data 2.3
2.3 2.1 2.8
4.5 6.2 6.2
6.5 4.8 5.1
6.4 3.6 1.3
3.8 2.2 2.6
5.2 5.4 5.8
7.3
5.1 4.4
5.4 3.7 2.9
3.1 2.3 4.8
7.6 7.1
4.7
2.4 0.0 3.9