

**APPENDIX F**

**CHEMICAL CONTAMINANT QUALITY  
ASSURANCE PROCEDURES AND DATA, AND  
ENVIRONMENTAL CONCERN RATINGS**

**Table 1. Sediment Concentrations of Metals and PAH Compared to Marine Sediment Quality Guidelines**

CRD Discharge #	Parameter	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Silver	Zinc	LPAH	HPAH
	MSQG	57	5.1	260	390	450	0.41	6.1	410	5.2	12
	Date sampled (mmm-yy)	Concentration in Sediment (µg/g)									
2030	Jul-99	1	0.1	47	55	3	0.01	0.1	60	0.1	1.0
2030	Jun-05	1	0.2	36	43	2	0.01	0.1	56	0.1	0.0
2030	Jul-07	1	0.1	50	59	3	0.01	0.1	60	0.1	0.0
2035A	Jun-98	1	0.1	61	61	6	0.01	0.1	119	0.2	1.0
2036	Jun-98	1	0.1	50	81	3	0.01	0.1	63	0.1	0.0
2036	Jul-00	0	0.1	85	94	3	0.01	0.1	64	0.1	0.0
2036	Jul-01	1	0.1	62	78	5	0.01	0.1	55	0.1	0.0
2036	Jul-07	1	0.2	52	80	3	0.01	0.1	64	0.1	0.0
2038	Sep-04	4	0.2	40	46	13	0.09	0.1	162	0.1	0.0
2038	Jun-05	9	0.2	37	39	12	0.04	0.1	147	0.1	0.0
2038	Jul-08	2	0.1	40	77	4	0.02	0.1	66	0.0	0.1
2039	Jun-98	3	0.1	65	43	7	0.02	0.1	93	0.1	0.0
2039	Jul-06	3	0.2	34	29	10	0.02	0.1	78	0.1	0.0
2042A	Jul-01	5	0.1	62	45	56	0.06	0.1	122	0.1	0.0
2042A	Jul-02	3	0.1	43	26	3	0.02	0.1	78	0.1	0.0
2042A	Jun-05	3	0.2	31	20	3	0.01	0.1	58	0.1	1.0
2043A	Jun-98	3	0.1	60	44	4	0.01	0.1	65	0.1	0.0
2043A	Jul-06	3	0.2	44	31	3	0.01	0.1	52	0.1	0.0
2043B	Jun-98	3	0.1	54	40	4	0.01	0.1	64	0.1	0.0
2046	Jul-99	2	0.1	34	30	6	0.01	0.1	58	0.2	1.0
2046	Jul-06	3	0.2	38	32	9	0.02	0.1	78	0.1	0.0
2048	Jun-98	3	0.2	67	72	140	0.03	0.1	226	0.3	2.0
2048	Jul-99	3	0.1	42	48	34	0.01	0.1	88	0.1	0.0
2048	Jul-00	2	0.2	58	73	55	0.02	0.1	163	0.1	0.0
2048	Jul-01	2	0.1	45	52	36	0.01	0.1	98	0.2	1.0
2048	Jun-02	2	0.2	53	57	69	0.02	0.1	126	0.2	1.0
2048	Jul-03	1	0.2	42	58	39	0.01	0.1	90	0.1	0.0
2048	Jul-08	1	0.1	27	49	6	0.01	0.1	87	0.2	0.4
2051	Sep-04	2	0.3	29	44	17	0.02	0.1	147	0.1	0.0
2051	Jul-06	2	0.2	29	58	20	0.01	0.1	147	0.1	0.0
2053	Jun-98	3	0.1	57	61	22	0.03	0.1	133	2.9	16.0
2053	Jul-99	2	0.1	39	35	5	0.01	0.1	56	0.8	5.0
2053	Jul-00	2	0.1	43	38	6	0.01	0.1	53	2.1	16.0
2053	Jul-01	2	0.1	39	51	14	0.01	0.1	157	0.4	2.0
2053	Jun-02	2	0.1	44	52	18	0.02	0.1	211	0.4	2.0

Table 1. Sediment Concentrations of Metals and PAH Compared to Marine Sediment Quality Guidelines

CRD Discharge #	Parameter	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Silver	Zinc	LPAH	HPAH
	MSQG	57	5.1	260	390	450	0.41	6.1	410	5.2	12
	Date sampled (mmm-yy)	Concentration in Sediment (µg/g)									
2053	Jul-03	5	0.1	69	52	6	0.03	0.1	97	0.2	1.0
2053	Sep-04	4	0.2	34	67	15	0.02	0.1	1150	6.7	26.0
2053	Jun-05	2	0.2	30	58	21	0.02	0.1	174	0.1	1.0
2053	Aug-07	2	0.1	65	48	19	0.02	0.1	81	0.9	2.6
2053	Jul-08	6	0.3	78	139	44	0.09	0.1	212	0.4	2.1
2053	Aug-09	7	0.1	51	100	10	0.02	0.2	361	0.4	1.8
2053-1	Sep-04	2	0.3	31	38	104	0.03	9.8	140	0.1	0.0
2053-1	Jun-05	4	0.2	51	54	54	0.04	2.9	122	0.0	0.0
2053-1	Jul-06	4	0.6	70	82	129	0.07	8.2	368	0.5	2.0
2053-1	Aug-07	3	0.3	56	62	100	0.06	5.9	180	0.7	2.2
2053-2	Jun-05	2	0.2	33	52	24	0.01	0.3	118	1.3	8.0
2053-2	Aug-09	2	0.2	45	63	66	0.01	13.8	197	0.2	0.9
2053-3	Jul-06	3	1	42	83	127	0.06	0.1	247	1.0	1.0
2054	Jul-00	7	2.5	106	120	398	0.14	0.3	686	2.5	17.0
2054	Jul-01	4	1.7	61	75	188	0.15	0.2	362	0.1	1.0
2054	Jun-02	8	2.1	102	143	250	0.02	0.3	649	0.2	2.0
2054	Jul-03	3	0.1	53	38	10	0.04	0.1	64	0.1	0.0
2054	Aug-04	7	0.5	49	47	45	0.05	0.1	198	6.8	31.0
2054	Aug-07	5	0.3	47	56	25	0.04	0.1	185	4.4	18.9
2054-1	Jun-02	5	0.7	82	101	297	0.08	0.1	336	0.6	5.0
2054-1	Jul-03	5	0.8	89	110	260	0.09	0.2	385	0.4	3.0
2056	Jun-98	1	0.2	63	107	270	0.02	0.1	185	0.3	2.0
2056	Jul-99	3	0.1	42	80	87	0.03	0.1	131	0.2	1.0
2056	Jun-02	2	0.2	38	62	40	0.02	0.1	135	0.2	1.0
2056	Jul-03	2	0.2	62	62	164	0.03	0.1	180	0.2	1.0
2056	Sep-04	2	0.2	34	51	60	0.02	0.1	109	0.1	0.0
2056	Jul-08	4	0.2	45	220	57	0.44	0.1	409	0.3	2.0
2056	Aug-09	3	0.2	46	80	67	0.06	0.1	201	0.5	4.3
2057	Jun-02	2	0.1	50	48	32	0.01	0.1	113	0.1	0.0
2057	Jul-03	2	0.1	35	42	38	0.01	0.1	95	0.0	0.0
2057	Jul-08	5	0.3	77	132	52	0.06	0.1	227	0.1	0.5
2057	Aug-09	6	0.6	67	76	16	0.05	0.1	382	0.3	1.5
2061	Jul-99	4	0.1	51	35	6	0.03	0.1	48	0.1	0.0
2061	Jul-01	6	0.1	39	28	4	0.02	0.1	43	0.1	0.0
2061	Jul-07	6	0.1	58	44	6	0.06	0.1	72	0.1	0.1

**Table 1. Sediment Concentrations of Metals and PAH Compared to Marine Sediment Quality Guidelines**

CRD Discharge #	Parameter	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Silver	Zinc	LPAH	HPAH
	MSQG	57	5.1	260	390	450	0.41	6.1	410	5.2	12
	Date sampled (mmm-yy)	Concentration in Sediment (µg/g)									
2064	Jun-98	3	0.1	26	17	11	0.01	0.1	110	0.1	0.0
2065	Jun-98	6	0.1	49	31	15	0.04	0.1	145	0.4	1.0
2065	Jul-99	4	0.1	31	16	13	0.02	0.1	101	0.1	0.0
2065	Jul-00	3	0.1	28	14	5	0.01	0.1	63	0.1	0.0
2065	Jul-08	4	0.1	34	20	5	0.02	0.1	74	0.0	0.1
2065	Aug-09	5	0.2	24	25	8	0.04	0.1	88	0.3	1.6

**Notes:**

Units are µg/g

Sediment is collected from stormwater discharges

Shaded values exceed 75% of Marine Sediment Quality Guideline

Table 2. Contaminant Ratings and Ratios of Sediment Concentrations Compared to Guidelines

CRD Discharge #	Date sampled (mmm-yy)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Silver	Zinc	LPAH	HPAH	TEU <sup>2</sup>	Rating <sup>3</sup>
		Ratio of Concentration / Guideline (MSQG) <sup>1</sup>											
2030	Jul-99	0.02	0.02	0.18	0.14	0.01	0.02	0.02	0.15	0.02	0.08	0.66	Low
2030	Jun-05	0.02	0.04	0.14	0.11	0.00	0.02	0.02	0.14	0.02	0.00	0.51	Low
2030	Jul-07	0.02	0.02	0.19	0.15	0.01	0.02	0.02	0.15	0.02	0.00	0.59	Low
2035A	Jun-98	0.02	0.02	0.23	0.16	0.01	0.02	0.02	0.29	0.04	0.08	0.89	Low
2036	Jun-98	0.02	0.02	0.19	0.21	0.01	0.02	0.02	0.15	0.02	0.00	0.66	Low
2036	Jul-00	0.00	0.02	0.33	0.24	0.01	0.02	0.02	0.16	0.02	0.00	0.81	Low
2036	Jul-01	0.02	0.02	0.24	0.20	0.01	0.02	0.02	0.13	0.02	0.00	0.68	Low
2036	Jul-07	0.02	0.04	0.20	0.21	0.01	0.02	0.02	0.16	0.02	0.00	0.68	Low
2038	Sep-04	0.07	0.04	0.15	0.12	0.03	0.22	0.02	0.40	0.02	0.00	1.06	Moderate
2038	Jun-05	0.16	0.04	0.14	0.10	0.03	0.10	0.02	0.36	0.02	0.00	0.96	Low
2038	Jul-08	0.04	0.02	0.15	0.20	0.01	0.05	0.02	0.16	0.00	0.01	0.65	Low
2039	Jun-98	0.05	0.02	0.25	0.11	0.02	0.05	0.02	0.23	0.02	0.00	0.76	Low
2039	Jul-06	0.05	0.04	0.13	0.07	0.02	0.05	0.02	0.19	0.02	0.00	0.59	Low
2042A	Jul-01	0.09	0.02	0.24	0.12	0.12	0.15	0.02	0.30	0.02	0.00	1.07	Moderate
2042A	Jul-02	0.05	0.02	0.17	0.07	0.01	0.05	0.02	0.19	0.02	0.00	0.59	Low
2042A	Jun-05	0.05	0.04	0.12	0.05	0.01	0.02	0.02	0.14	0.02	0.08	0.55	Low
2043A	Jun-98	0.05	0.02	0.23	0.11	0.01	0.02	0.02	0.16	0.02	0.00	0.64	Low
2043A	Jul-06	0.05	0.04	0.17	0.08	0.01	0.02	0.02	0.13	0.02	0.00	0.53	Low
2043B	Jun-98	0.05	0.02	0.21	0.10	0.01	0.02	0.02	0.16	0.02	0.00	0.61	Low
2046	Jul-99	0.04	0.02	0.13	0.08	0.01	0.02	0.02	0.14	0.04	0.08	0.58	Low
2046	Jul-06	0.05	0.04	0.15	0.08	0.02	0.05	0.02	0.19	0.02	0.00	0.61	Low
2048	Jun-98	0.05	0.04	0.26	0.18	0.31	0.07	0.02	0.55	0.06	0.17	1.71	Moderate
2048	Jul-99	0.05	0.02	0.16	0.12	0.08	0.02	0.02	0.21	0.02	0.00	0.71	Low
2048	Jul-00	0.04	0.04	0.22	0.19	0.12	0.05	0.02	0.40	0.02	0.00	1.09	Moderate
2048	Jul-01	0.04	0.02	0.17	0.13	0.08	0.02	0.02	0.24	0.04	0.08	0.84	Low
2048	Jun-02	0.04	0.04	0.20	0.15	0.15	0.05	0.02	0.31	0.04	0.08	1.07	Moderate
2048	Jul-03	0.02	0.04	0.16	0.15	0.09	0.02	0.02	0.22	0.02	0.00	0.73	Low
2048	Jul-08	0.02	0.02	0.10	0.13	0.01	0.02	0.02	0.21	0.04	0.03	0.61	Low
2051	Sep-04	0.04	0.06	0.11	0.11	0.04	0.05	0.02	0.36	0.02	0.00	0.80	Low
2051	Jul-06	0.04	0.04	0.11	0.15	0.04	0.02	0.02	0.36	0.02	0.00	0.80	Low
2053	Jun-98	0.05	0.02	0.22	0.16	0.05	0.07	0.02	0.32	0.56	1.33	2.80	High
2053	Jul-99	0.04	0.02	0.15	0.09	0.01	0.02	0.02	0.14	0.15	0.42	1.05	Moderate
2053	Jul-00	0.04	0.02	0.17	0.10	0.01	0.02	0.02	0.13	0.40	1.33	2.24	High
2053	Jul-01	0.04	0.02	0.15	0.13	0.03	0.02	0.02	0.38	0.08	0.17	1.03	Moderate

Table 2. Contaminant Ratings and Ratios of Sediment Concentrations Compared to Guidelines

CRD Discharge #	Date sampled (mmm-yy)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Silver	Zinc	LPAH	HPAH	TEU <sup>2</sup>	Rating <sup>3</sup>
		Ratio of Concentration / Guideline (MSQG) <sup>1</sup>											
2053	Jun-02	0.04	0.02	0.17	0.13	0.04	0.05	0.02	0.51	0.08	0.17	1.22	Moderate
2053	Jul-03	0.09	0.02	0.27	0.13	0.01	0.07	0.02	0.24	0.04	0.08	0.97	Low
2053	Sep-04	0.07	0.04	0.13	0.17	0.03	0.05	0.02	2.80	1.29	2.17	6.77	High
2053	Jun-05	0.04	0.04	0.12	0.15	0.05	0.05	0.02	0.42	0.02	0.08	0.98	Low
2053	Aug-07	0.04	0.02	0.25	0.12	0.04	0.05	0.02	0.20	0.17	0.22	1.13	Moderate
2053	Jul-08	0.10	0.06	0.30	0.36	0.10	0.22	0.02	0.52	0.08	0.18	1.92	Moderate
2053	Aug-09	0.12	0.02	0.20	0.26	0.02	0.05	0.03	0.88	0.08	0.15	1.80	High
2053-1	Sep-04	0.04	0.06	0.12	0.10	0.23	0.07	1.61	0.34	0.02	0.00	2.58	High
2053-1	Jun-05	0.07	0.04	0.20	0.14	0.12	0.10	0.48	0.30	0.00	0.00	1.43	Moderate
2053-1	Jul-06	0.07	0.12	0.27	0.21	0.29	0.17	1.34	0.90	0.10	0.17	3.63	High
2053-1	Aug-07	0.05	0.06	0.22	0.16	0.22	0.15	0.97	0.44	0.13	0.18	2.57	Moderate
2053-2	Jun-05	0.04	0.04	0.13	0.13	0.05	0.02	0.05	0.29	0.25	0.67	1.67	Moderate
2053-2	Aug-09	0.03	0.04	0.17	0.16	0.15	0.02	2.26	0.48	0.04	0.08	3.43	High
2053-3	Jul-06	0.05	0.20	0.16	0.21	0.28	0.15	0.02	0.60	0.19	0.08	1.95	Moderate
2054	Jul-00	0.12	0.49	0.41	0.31	0.88	0.34	0.05	1.67	0.48	1.42	6.17	High
2054	Jul-01	0.07	0.33	0.23	0.19	0.42	0.37	0.03	0.88	0.02	0.08	2.63	High
2054	Jun-02	0.14	0.41	0.39	0.37	0.56	0.05	0.05	1.58	0.04	0.17	3.75	High
2054	Jul-03	0.05	0.02	0.20	0.10	0.02	0.10	0.02	0.16	0.02	0.00	0.69	Low
2054	Aug-04	0.12	0.10	0.19	0.12	0.10	0.12	0.02	0.48	1.31	2.58	5.14	High
2054	Aug-07	0.08	0.06	0.18	0.14	0.06	0.10	0.02	0.45	0.85	1.58	3.51	High
2054-1	Jun-02	0.09	0.14	0.32	0.26	0.66	0.20	0.02	0.82	0.12	0.42	3.02	High
2054-1	Jul-03	0.09	0.16	0.34	0.28	0.58	0.22	0.03	0.94	0.08	0.25	2.96	High
2056	Jun-98	0.02	0.04	0.24	0.27	0.60	0.05	0.02	0.45	0.06	0.17	1.91	Moderate
2056	Jul-99	0.05	0.02	0.16	0.21	0.19	0.07	0.02	0.32	0.04	0.08	1.16	Moderate
2056	Jun-02	0.04	0.04	0.15	0.16	0.09	0.05	0.02	0.33	0.04	0.08	0.98	Low
2056	Jul-03	0.04	0.04	0.24	0.16	0.36	0.07	0.02	0.44	0.04	0.08	1.49	Moderate
2056	Sep-04	0.04	0.04	0.13	0.13	0.13	0.05	0.02	0.27	0.02	0.00	0.82	Low
2056	Jul-08	0.06	0.04	0.17	0.56	0.13	1.07	0.02	1.00	0.06	0.17	3.28	High
2056	Aug-09	0.05	0.04	0.18	0.21	0.15	0.15	0.02	0.49	0.10	0.36	1.72	Moderate
2057	Jun-02	0.04	0.02	0.19	0.12	0.07	0.02	0.02	0.28	0.02	0.00	0.78	Low
2057	Jul-03	0.04	0.02	0.13	0.11	0.08	0.02	0.02	0.23	0.00	0.00	0.65	Low
2057	Jul-08	0.08	0.06	0.30	0.34	0.12	0.15	0.02	0.55	0.02	0.04	1.67	Moderate
2057	Aug-09	0.11	0.12	0.26	0.19	0.04	0.12	0.02	0.93	0.06	0.13	1.96	High
2061	Jul-99	0.07	0.02	0.20	0.09	0.01	0.07	0.02	0.12	0.02	0.00	0.61	Low

Table 2. Contaminant Ratings and Ratios of Sediment Concentrations Compared to Guidelines

CRD Discharge #	Date sampled (mmm-yy)	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Silver	Zinc	LPAH	HPAH	TEU <sup>2</sup>	Rating <sup>3</sup>
		Ratio of Concentration / Guideline (MSQG) <sup>1</sup>											
2061	Jul-01	0.11	0.02	0.15	0.07	0.01	0.05	0.02	0.10	0.02	0.00	0.54	Low
2061	Jul-07	0.10	0.02	0.22	0.11	0.01	0.15	0.02	0.18	0.02	0.01	0.84	Low
2064	Jun-98	0.05	0.02	0.10	0.04	0.02	0.02	0.02	0.27	0.02	0.00	0.57	Low
2065	Jun-98	0.11	0.02	0.19	0.08	0.03	0.10	0.02	0.35	0.08	0.08	1.05	Moderate
2065	Jul-99	0.07	0.02	0.12	0.04	0.03	0.05	0.02	0.25	0.02	0.00	0.61	Low
2065	Jul-00	0.05	0.02	0.11	0.04	0.01	0.02	0.02	0.15	0.02	0.00	0.44	Low
2065	Jul-08	0.07	0.02	0.13	0.05	0.01	0.05	0.02	0.18	0.00	0.01	0.54	Low
2065	Aug-09	0.09	0.04	0.09	0.06	0.02	0.10	0.02	0.21	0.06	0.13	0.82	Low

**Notes:**

1. MSQG is the CRD marine sediment quality guideline; above this concentration adverse effects may occur to aquatic life

2. TEU (toxic equivalent ratios) is the sum of ratios (concentration divided by guideline)

3. The contaminant rating is:

**high** if a parameter concentration is 75% or more of the guideline;

**moderate** if the TEU is greater than 1 but no parameter is 75% or more of the guideline;

**low** if the TEU is less than 1.

Shaded cells exceed 75% of the MSQG

Table 3. Summary of Sediment Contaminant Ratings Over Time

CRD Discharge #	Figure #	Contaminant Rating					Comments	Recommendations
		2005	2006	2007	2008	2009		
2030	2	Low	na	na	na	na	Sooke Basin, Veitch Creek. Rated low in 1999, 2000.	Resample in 2010 to monitor for change.
2035A	3	na	na	na	na	na	Sooke Basin, Cooper Cove, 5479 Sooke Road. Rated low in 1998.	Resample as schedules & budgets allow.
2036	3	na	Low	na	na	na	Sooke Basin, Ayum Creek. Rated low in 2000, 2001.	Resample in 2011 to monitor for change.
2038	4	Low	na	na	Low	na	Sooke Basin, foot of Saseenos Road.	Resample in 2008 to confirm rating.
2039	5	na	Low	na	na	na	Sooke Basin, Lannon Creek. Rated low in 1998.	Resample in 2011 to monitor for change.
2042A	7	Low	na	na	na	na	Sooke Harbour, Alderbrook Ck. Rated low in 2002.	Resample in 2010 to confirm rating.
2043	7	na	Low	na	na	na	Sooke Harbour, Sooke River. Rated low in 1998 upstream (2043A & 2043B).	Resample in 2011 to monitor for change.
2046	7	na	Low	na	na	na	Sooke Harbour, 6377 Belvista Pl. Rated low in 1999.	Resample in 2011 to monitor for change.
2048	8	na	na	na	Low	na	Sooke Harbour, Water St. Rated low in 2001 & 2003.	Resample in 2008 to confirm.
2051	8	na	Low	na	na	na	Sooke Harbour, end of Horne Rd. Rated low in 2004 & 2006.	Resample in 2011 to confirm rating.
2053	8	Low	na	Moderate	Moderate	High	Sooke Harbour, foot of Murray. COCs: Zn, PAHs, but Ag upstream (2053-2)	Resample in 2010 to confirm rating.
2054	8	na	na	High	na	na	Sooke Harbour, SW of Murray. COCs: PAH, Pb, Zn. Rated high in 2002 & 2004; discharge and upstream (2054-1).	Resample in 2010 or after action taken.
2056	9	na	na	na	High	Moderate	Sooke Harbour, S of wharf. Low in 2004; moderate in 2003. COCs: Hg, Zn	Resample in 2010 to monitor for change.
2057	9	na	na	na	Moderate	High	Sooke Harbour, S of wharf. Rated low in 2002 & 2003.	Resample in 2010 to confirm rating.

**Table 3. Summary of Sediment Contaminant Ratings Over Time**

CRD Discharge #	Figure #	Contaminant Rating					Comments	Recommendations
		2005	2006	2007	2008	2009		
2061	9	na	na	<b>Low</b>	na	na	Sooke Harbour Marina. Rated low in 1999, 2001.	Resample in 2012 to monitor for change.
2064	9	na	na	na	na	na	Sooke Harbour, S of Wright Rd. Rated low in 1998.	Resample as schedules & budgets allow.
2065	9	na	na	na	<b>Low</b>	<b>Low</b>	Sooke Harbour, near 1655 Whiffin Spit Rd. Low rating in 1999 & 2000.	Resample in 2014 to monitor for change.

**Notes:**

Rating is based on ratios of sediment concentrations of metals and PAH compared to guidelines. See Table 2, Appendix F.

na = not assessed

COC = contaminants of concern

Figures of ratings and locations are in Appendix B

**Table 4. Habitat Ratings Associated with Stormwater Discharges**

<b>Discharge</b>	<b>Habitat Sensitivity Rating</b>	<b>Flow Rating</b>	<b>Flushing Rating</b>	<b>Habitat Rating</b>
2002	3	1	1.5	<b>High</b>
2004	3	0.5	0.5	Moderate
2011	2	0.5	1	Moderate
2030	3	1.5	1	<b>High</b>
2035A	3	1.5	1.5	<b>High</b>
2036	3	1	1.5	<b>High</b>
2038	3	0.5	1	Moderate
2039	3	0.5	1	Moderate
2042A	3	1	0.5	Moderate
2046	3	1	0.5	Moderate
2048	3	0.5	0.5	Moderate
2051	3	0.5	0.5	Moderate
2053	3	1	0.5	Moderate
2053-1	3	1	0.5	Moderate
2053-2	3	1	0.5	Moderate
2054	3	1	0.5	Moderate
2054-1	3	0.5	1.5	<b>High</b>
2056	3	1	0.5	Moderate
2057	3	0.5	0.5	Moderate
2061	3	0.5	0.5	Moderate
2064	3	0.5	0.5	Moderate
2065	3	1	0.5	Moderate

**Notes:**

Habitat ratings are used to prioritize discharges assigned a high contaminant rating and are based on sum of habitat sensitivity, flow rates and flushing ratings (EnviroEd Consultants Ltd., 2000)

Habitat sensitivity ratings (most to least sensitive): high=3, moderate=2, low=1

Flow ratings (highest to lowest flow rates) high=1.5, moderate=1, low=0.5

Flushing rating (highest to lowest rates): high=0.5, moderate=1, low=1.5

Overall habitat ratings are:

2.0 - 3.0 = lower mitigative priority

3.5 - 4.5 = moderate mitigative priority

5.0 - 6.0 = higher mitigative priority