Table
Pond E Contact Water, Rim Ditch, and Well Points

Parameters	Units	VDEQ Draft Limits		Contact Waters	Pond E Rim Ditch			Pond E Well					
		Monthly Average	Daily Maximum	Pond E	RMD-1	RMD-2	RMD-3	Well Discharge 1	Well Discharge 2	Well Discharge 3	Well Discharge 3 DUP	Pond E	PWCSA Sample
				5/5/2015	5/5/2015	5/6/2015	5/11/2015	5/11/2015	5/12/2015	5/13/2015	5/13/2015	7/30/2015	7/30/2015
Total Suspended Solids	mg/L	30	100	39	26	159	44	34	19	20	26	27	42
Oil/Grease Hexane Extractable	mg/L	15	20	0.61±	< 2.0	1.7±	1.1±	1.4±	< 2.0	< 2.0	< 2.0	NA	NA
Antimony, Total	ug/L	1,300	1,300	14	4.3	14	2.7	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
Antimony, Dissolved	ug/L			13	3.9	16	2.5	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA
Arsenic, Total	ug/L	300	440	90	51	370	260	1,100	920	1,200	1,200	330	390
Arsenic, Dissolved	ug/L			80	24	240	180	880	810	900	840	51	< 50
Cadmium, Total	ug/L	3.9	5.7	< 0.50	< 5.0	0.55	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.27±	< 50
Cadmium, Dissolved	ug/L			< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 50
Trivalent Chromium, Total	ug/L	260	380	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trivalent Chromium, Dissolved	ug/L			< 10	< 10	NA	NA	NA	NA	NA	NA	NA	NA
Hexavalent Chromium, Total	µg/L	22	32	0.39	0.096±	0.069±	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	NA	NA
Hexavalent Chromium, Dissolved	µg/L			0.16±	0.095±	0.072±	NA	NA	< 0.25	< 0.25	< 0.25	NA	NA
Copper, Total	µg/L	31	45	6.2	3.6	84	4.7	1.0±	< 2.5	0.85±	0.84±	2.1±	< 50
Copper, Dissolved	µg/L			< 5.0	< 5.0	< 5.0	1.9±	< 5.0	< 5.0	1.6±	< 5.0	1.9±	< 50
Lead, Total	µg/L	65	95	3.0	0.95±	38	1.7	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 50
Lead, Dissolved	µg/L			< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 50
Mercury, Total	µg/L	1.5	2.2	< 0.20	< 0.20	0.51	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Mercury, Dissolved	µg/L			< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Nickel, Total	µg/L	72	105	14	9.1	28	13	8.1	6.4	8.2	8.0	7.2	< 50
Nickel, Dissolved	µg/L			4.3±	6.7	6.5	11	8.0	7.6	7.6	7.5	7.9	< 50
Selenium, Total	µg/L	10	15	17	9.3	40	8.8	0.84±	0.81±	1.3±	1.1±	9.2	< 50
Selenium, Dissolved	µg/L			19	8.5	25	10	1.8±	1.9±	< 5.0	1.7±	12	< 50
Silver, Total	µg/L	16	23	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
Silver, Dissolved	µg/L			< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	NA	NA
Thallium, Total	µg/L	0.94	0.94	0.56	0.61	1.4	0.68	< 0.50	< 0.50	< 0.50	< 0.50	NA	NA
Thallium, Dissolved	µg/L			0.43±	0.50±	0.65±	0.61±	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
Zinc, Total	µg/L	123	180	9.1	7.3	66	13	26	16	16	16	6.9	< 50
Zinc, Dissolved	µg/L			7.8	8.4	5.4	8.5	12	190	11	12	36	< 50
Chloride	mg/L	460	673	72.0	176	191	173	234	251	247	240	NA	NA
Ammonia-N	mg/L	9.6	14	0.189	0.058±	0.062±	0.043±	0.306	0.322	0.287	0.282	NA	NA

Footnotes:

1) Values preceded by "<" represent results not detected at the Reporting Detection Limit (RDL) and listed as < RDL.

2) Values with suffix "±" represent results with an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte.

3) NA- Not analyzed.

4) mg/L - milligrams per liter.

5) µg/L- micrograms per liter.