

ENVIRONMENT PROTECTION LICENCE 3035

NOVEMBER 2021 Surface Water Quality Monitoring

LIMITS

ANALYTE	Aldrin	BOD	Colour	Dieldrin	MBAS	Total N	Oil & Grease	pH	Total P	TSS
Units	µg/L	mg/L	Hazen	µg/L	mg/L	mg/L	mg/L	pH	mg/L	mg/L
100 percentile concentration limit	0.3	20	160	0.3	0.5	10	10	6.5 - 8.5	0.3	50
50 percentile concentration limit			80							
Frequency of Sampling	Weekly during any discharge									

RESULTS HPP Swale

Date	Aldrin	BOD	Colour	Dieldrin	MBAS	Total N	Oil & Grease	pH	Total P	TSS	Exceedance Y/N
3/11/2021	<0.010	<2	100	<0.010	<0.1	1.6	17	7.73	0.05	27	Y
9/11/2021	<0.010	4	110	<0.010	<0.1	1.7	<5	7.38	0.06	8	N
17/11/2021	<0.010	<2	75	<0.010	<0.1	1.2	<5	8.07	0.04	<5	N
23/11/2021	<0.010	4	65	<0.010	0.1	1.3	<5	7.86	0.06	6	N
30/11/2021	<0.010	2	100	<0.010	<0.1	1.3	<5	7.70	0.06	7	N

RESULTS EPA point 28

Date	Aldrin	BOD	Colour	Dieldrin	MBAS	Total N	Oil & Grease	pH	Total P	TSS	Exceedance Y/N
3/11/2021	<0.010	4	35	<0.010	<0.1	8.3	<5	7.32	0.08	20	
9/11/2021	<0.010	4	25	<0.010	<0.1	6.9	<5	7.82	0.1	21	
23/11/2021	<0.010	6	30	<0.010	<0.1	5.9	<5	7.47	0.09	<5	
30/11/2021	<0.010	4	35	<0.010	<0.1	5.7	<5	7.5	0.02	6	