

ENVIRONMENT PROTECTION LICENCE 3035

DECEMBER 2018 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									
Location of Sampling	V-Notch Weir Identification Point No. 1									

RESULTS

Date	Aldrin	BOD	Colour	Dieldrin	MBAS	Total N	Oil & Grease	pH	Total P	TSS	Exceedance Y/N
10/12/2018	<0.010	4	80	<0.010	0.1	5.2	19	7.7	0.1	17	Y
17/12/2018	<0.010	<2	125	<0.010	<0.1	7.1	<5	7.44	0.15	34	N

EXCEEDANCES

Date	Location	Type of monitoring (air, noise, water)	Event based monitoring (Y/N)	Parameter	Unit of measurement	Result	Allowable limit	Comment
10/12/2018	EPL Point 1	water	N	Oil & grease	mg/L	19	10	TPH and TRH results from sample show exceedance not hydrocarbon based. Source likely organic.