

ENVIRONMENT PROTECTION LICENCE 3035

FEBRUARY 2019 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
04-FEB	<0.010	6	80	<0.010	0.1	7.8	<5	7.53	0.28	50	N
11-FEB	<0.010	20	200	<0.010	0.2	6.7	<5	7.66	0.3	97	Y
18-FEB	<0.010	11	50	<0.010	0.2	3.8	<5	7.33	0.06	39	N
26-FEB	<0.010	8	65	<0.010	0.2	6	<5	7.36	0.41	30	Y

EXCEEDANCES

Date	Location	Type of monitoring (air, noise, water)	Event based monitoring (Y/N)	Parameter	Unit of measurement	Result	Allowable limit	Comment
11-FEB	EPA 1	Surface water	Y	TSS	mg/L	97	50	Two significant rain events (>10mm) prior to the monitoring event, 8 February (18mm) and 9 February (31mm) potentially causing sediment resuspension within site swales, contributing to these exceedances.
11-FEB	EPA 1	Surface water	Y	Colour	Hazen	200	160	Comment as above
26-FEB	EPA 1	Surface water	Y	Total P	mg/L	0.41	0.3	Minor exceedance