

ENVIRONMENT PROTECTION LICENCE 3035

JANUARY 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
02-JAN	<0.010	3	80	<0.010	0.1	3.8	<5	7.56	0.2	50	
07-JAN	<0.010	<2	70	<0.010	0.1	2.6	7	7.35	0.12	30	
14-JAN	<0.010	<2	40	<0.010	<0.1	5.5	<5	7.44	0.04	74	Y
23-JAN	<0.010	7	60	<0.010	<0.1	6.4	6	7.4	0.09	19	
29-JAN	<0.010	22	90	<0.010	0.2	7.3	8	7.46	0.13	27	Y

EXCEEDANCES

Date	Location	Type of monitoring (air, noise, water)	Event based monitoring (Y/N)	Parameter	Unit of measurement	Result	Allowable limit	Comment
14-JAN	EPA 1	Surface water	Y	TSS	mg/L	74	50	Significant rainfall events 9 th , 11 th & 12 th January Results before and after 14/01 do not show any exceedances
29-JAN	EPA 1	Surface water	Y	BOD	mg/L	22	20	Minor exceedance Decomposing organic matter potential source of pollutant