

ENVIRONMENT PROTECTION LICENCE 3035

JUNE 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
13-JUN	<0.01	65	300	<0.01	0.9	10.7	11	7.43	0.18	48	Y
20-JUN	<0.01	42	150	<0.01	0.8	8.6	11	7.01	0.1	25	Y

EXCEEDANCES

Date	Location	Type of monitoring (air, noise, surface/groundwater)	Event based monitoring (Y/N)	Parameter	Unit of measurement	Result	Allowable limit	Comment
13-JUN	Point No. 1	Surface water	Y	BOD	mg/L	65	20	Low rainfall period Site investigation commenced, source unknown Will continue to monitor results
13-JUN	Point No. 1	Surface water	Y	Colour	hazen	300	160	Low rainfall period Site investigation commenced, source unknown Will continue to monitor results
13-JUN	Point No. 1	Surface water	Y	MBAS	mg/L	0.9	0.5	Minor exceedance of 0.4mg/L Will continue to monitor results
13-JUN	Point No. 1	Surface water	Y	Total N	mg/L	10.7	10	Low rainfall period Minor exceedance of 0.7mg/L Will continue to monitor results
13-JUN	Point No. 1	Surface water	Y	Oil & Grease	mg/L	11	10	Minor exceedance of 1mg/L Will continue to monitor results
20-JUN	Point No. 1	Surface water	Y	BOD	mg/L	42	20	Low rainfall period Decrease in exceedance from previous result (13/06/18) Will continue to monitor result
20-JUN	Point No. 1	Surface water	Y	MBAS	mg/L	0.8	0.5	Minor exceedance of 0.3mg/L Decrease in exceedance from previous result (13/06/18) Will continue to monitor results
20-JUN	Point No. 1	Surface water	Y	Oil & Grease	mg/L	11	10	Minor exceedance of 1mg/L Will continue to monitor results