

WATER Monitoring Data - Monthly Summary

Month	Dec-13							
EPL Licence	20079	Project	SOH VAPS					
EPL weblink	http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=31621&SYSUID=1&LICID=20079							
Specific EPL licence monitoring conditions for water	Condition L2 - Concentration Limits Condition M2 - Requirement to monitor concentration of pollutants discharged							
Monitoring location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter measured	Units of measurement (mg/L, NTU, pH)	Minimum value for month	Maximum value for month	Allowable minimum limit	Allowable maximum limit
Water Treatment Plant	2	N	pH	pH	7	7.4	6.5	8.5
Water Treatment Plant	2	N	TSS	mg/L	< 5	18	0	50
Water Treatment Plant	2	N	Oil and Grease	mg/L	< 5	7	0	10
Water Treatment Plant	2	N	Copper	ug/L	< 1	< 1	0	10
Water Treatment Plant	2	N	Iron	ug/L	70	190	0	800
Water Treatment Plant	2	N	Lead	ug/L	< 1	< 1	0	22
Water Treatment Plant	2	N	Manganese	ug/L	2300	2600	0	2000

Comments: The first sample did not meet specification and the water was tankered offsite to a licensed facility and the entire WTP emptied and cleaned. The second sample returned an elevated Mn result. This is the 2nd exceedance for Mn within the reporting period, and falls within the 90% concentration limit allowance. Action has been undertaken to manage the exceedance.