

WATER Monitoring Data - Monthly Summary

Month	May 2014		
EPL Licence	20079	Project	Sydney Opera House 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 L3 - Noise limits, Condition E2 - Out of Hours Works, Condition L2 - Concentration Limits, Condition M2 - Requirement to monitor concentration of pollutants discharged		

monitoring location	number of times monitored during month	event based monitoring (Y/N) eg. Basin discharge, rainfall event.	Parameter eg. TSS, pH, Fe, etc	units of measurement (mg/L, NTU, pH)	minimum value for month	maximum value for month	allowable minimum limit	allowable maximum limit
Water Treatment Plant Holding Tank	3	N	pH	pH	6.5	6.8	6.5	8.5
Water Treatment Plant Holding Tank	3	N	TSS	mg/L	6	20	0	50
Water Treatment Plant Holding Tank	3	N	Oil and Grease	mg/L	< 5	< 5	0	10
Water Treatment Plant Holding Tank	3	N	Copper	ug/L	< 1	1	0	10
Water Treatment Plant Holding Tank	3	N	Iron	ug/L	110	3700	0	800
Water Treatment Plant Holding Tank	3	N	Lead	ug/L	< 1	< 1	0	22
Water Treatment Plant Holding Tank	3	N	Manganese	ug/L	63	410	0	2000

Comments: One sample was discharged with an elevated Iron result, this falls within the allowable 90%ile annual limit. Additional sample returned levels within the 800ug/L concentration limit.