



Orica Kooragang Island Monitoring Point 33

Details of Licence Conditions

EPA Licence No: 828
 Licensee Name: ORICA AUSTRALIA PTY LTD
 Licensee Address: 15 Greenleaf Rd, KOORAGANG NSW 2304

Annual Summary

Monitoring Point	Monitoring Location	Pollutant	Unit of measure	Monitoring frequency	EPL Monitoring Period		
					2014/2015 (21/02/2015)	2015/2016 14/7/2015	2015/2016 (12/01/2016)
Monitoring Point 33	Downgradient of Main Transpiration Area	Calcium	milligrams per litre	6 monthly	178	186	132
Monitoring Point 33	Downgradient of Main Transpiration Area	Conductivity	deciSiemens per metre	6 monthly	1.43	1.21	1.14
Monitoring Point 33	Downgradient of Main Transpiration Area	Enterococci	colony forming units per 100 millilitres	6 monthly	<1	42	<2
Monitoring Point 33	Downgradient of Main Transpiration Area	Faecal Coliforms	colony forming units per 100 millilitres	6 monthly	<1	5	<2
Monitoring Point 33	Downgradient of Main Transpiration Area	Magnesium	milligrams per litre	6 monthly	12	13	9
Monitoring Point 33	Downgradient of Main Transpiration Area	Nitrate	milligrams per litre	6 monthly	31.3	38.7	11.8
Monitoring Point 33	Downgradient of Main Transpiration Area	Nitrogen (total)	milligrams per litre	6 monthly	41.4	48.3	23.2
Monitoring Point 33	Downgradient of Main Transpiration Area	pH	pH	6 monthly	7.46	7.36	7.1
Monitoring Point 33	Downgradient of Main Transpiration Area	Phosphorus (total)	milligrams per litre	6 monthly	0.66	0.77	0.86
Monitoring Point 33	Downgradient of Main Transpiration Area	Sodium	milligrams per litre	6 monthly	80	68	50
Monitoring Point 33	Downgradient of Main Transpiration Area	Standing Water Level	metres	6 monthly	1.253	1.645	2.195
Monitoring Point 33	Downgradient of Main Transpiration Area	Sulfate	milligrams per litre	6 monthly	60	80	71
Monitoring Point 33	Downgradient of Main Transpiration Area	Total dissolved solids	milligrams per litre	6 monthly	1030	792	654
Monitoring Point 33	Downgradient of Main Transpiration Area	Total Kjeldahl Nitrogen	milligrams per litre	6 monthly	10	9.6	11.8
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