



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				
					2015/2016 14/7/2015	2015/2016 (12/01/2016)	2016/2017 (4/7/2016)	2016/2017 (18/2/2017)	2017/2018 (17/07/2017)
Monitoring Point 33	Downgradient of Main Transpiration Area	Calcium	milligrams per litre	6 monthly	186	132	139	162	78
Monitoring Point 33	Downgradient of Main Transpiration Area	Conductivity	deciSiemens per metre	6 monthly	1.21	1.14	1.1	1.35	1.04
Monitoring Point 33	Downgradient of Main Transpiration Area	Enterococci	colony forming units per 100 millilitres	6 monthly	42	<2	<1	<1	73
Monitoring Point 33	Downgradient of Main Transpiration Area	Faecal Coliforms	colony forming units per 100 millilitres	6 monthly	5	<2	4	<1	<1
Monitoring Point 33	Downgradient of Main Transpiration Area	Magnesium	milligrams per litre	6 monthly	13	9	11	13	7
Monitoring Point 33	Downgradient of Main Transpiration Area	Nitrate	milligrams per litre	6 monthly	38.7	11.8	24.9	69.8	4.23
Monitoring Point 33	Downgradient of Main Transpiration Area	Nitrogen (total)	milligrams per litre	6 monthly	48.3	23.2	34.4	87.8	50.4
Monitoring Point 33	Downgradient of Main Transpiration Area	pH	pH	6 monthly	7.36	7.1	7.12	7.24	7.49
Monitoring Point 33	Downgradient of Main Transpiration Area	Phosphorus (total)	milligrams per litre	6 monthly	0.77	0.86	0.92	0.97	2.27
Monitoring Point 33	Downgradient of Main Transpiration Area	Sodium	milligrams per litre	6 monthly	68	50	54	49	40
Monitoring Point 33	Downgradient of Main Transpiration Area	Standing Water Level	metres	6 monthly	1.645	2.195	2.523	1.095	1.495
Monitoring Point 33	Downgradient of Main Transpiration Area	Sulfate	milligrams per litre	6 monthly	80	71	61	42	47
Monitoring Point 33	Downgradient of Main Transpiration Area	Total dissolved solids	milligrams per litre	6 monthly	792	654	702	1050	429
Monitoring Point 33	Downgradient of Main Transpiration Area	Total Kjeldahl Nitrogen	milligrams per litre	6 monthly	9.6	11.8	9.5	18	46.2
Date Published					2/09/2015	17/03/2016	22/09/2016	7/03/2016	17/07/2017