



Orica Kooragang Island Monitoring Point 32

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)	2017/2018 (23/01/2018)
Monitoring Point 32	Upgradient of Main Transpiration Area	Calcium	milligrams per litre	6 monthly	393	409	299	415	228	438
Monitoring Point 32	Upgradient of Main Transpiration Area	Conductivity	deciSiemens per metre	6 monthly	2.28	2.96	1.87	3.18	2.22	2.67
Monitoring Point 32	Upgradient of Main Transpiration Area	Enterococci	colony forming units per 100 millilitres	6 monthly	<1	<2	<1	<1	<1	<1
Monitoring Point 32	Upgradient of Main Transpiration Area	Faecal Coliforms	colony forming units per 100 millilitres	6 monthly	<1	<2	<1	<1	<1	<1
Monitoring Point 32	Upgradient of Main Transpiration Area	Magnesium	milligrams per litre	6 monthly	24	23	17	18	12	26
Monitoring Point 32	Upgradient of Main Transpiration Area	Nitrate	milligrams per litre	6 monthly	284	359	189	324	189	280
Monitoring Point 32	Upgradient of Main Transpiration Area	Nitrogen (total)	milligrams per litre	6 monthly	323	414	195	416	216	280
Monitoring Point 32	Upgradient of Main Transpiration Area	pH	pH	6 monthly	7.33	6.4	6.71	7.28	7.47	7.31
Monitoring Point 32	Upgradient of Main Transpiration Area	Phosphorus (total)	milligrams per litre	6 monthly	0.01	0.02	<0.01	0.04	0.02	0.06
Monitoring Point 32	Upgradient of Main Transpiration Area	Sodium	milligrams per litre	6 monthly	24	16	14	25	15	30
Monitoring Point 32	Upgradient of Main Transpiration Area	Standing Water Level	metres	6 monthly	1.813	2.275	2.574	1.228	1.665	2.9
Monitoring Point 32	Upgradient of Main Transpiration Area	Sulfate	milligrams per litre	6 monthly	30	26	22	38	46	*
Monitoring Point 32	Upgradient of Main Transpiration Area	Total dissolved solids	milligrams per litre	6 monthly	2110	3200	1790	2830	1500	2420
Monitoring Point 32	Upgradient of Main Transpiration Area	Total Kjeldahl Nitrogen	milligrams per litre	6 monthly	39	55.5	5.6	91.6	26.7	15
Date Published					2/09/2015	17/03/2016	22/09/2016	7/03/2017	11/09/2017	9/03/2018