

## Orica Kooragang Island Monitoring Point 31

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 (18/02/2015)	2015/2016 (12/01/2016)	2016/2017 (6/2/2017)
Monitoring Point 31	Main Transpiration Area	Bray phosphorus	milligrams per kilogram	yearly	45.8	87.75	78.1
Monitoring Point 31	Main Transpiration Area	Cation Exchange Capacity	centimoles of positive charge per kilogram of soil	yearly	6.8	0.6	2.0
Monitoring Point 31	Main Transpiration Area	Chloride	milligrams per kilogram	yearly	<10	<10	<10
Monitoring Point 31	Main Transpiration Area	Colwell phosphorus	milligrams per kilogram	yearly	72	112	57
Monitoring Point 31	Main Transpiration Area	Conductivity	deciSiemens per metre	yearly	0.093	0.086	0.132
Monitoring Point 31	Main Transpiration Area	Exchangeable calcium	centimoles of positive charge per kilogram of soil	yearly	4.9	0.5	1.4
Monitoring Point 31	Main Transpiration Area	Exchangeable magnesium	centimoles of positive charge per kilogram of soil	yearly	1.9	<0.1	0.3
Monitoring Point 31	Main Transpiration Area	Exchangeable potassium	centimoles of positive charge per kilogram of soil	yearly	0.1	<0.1	<0.1
Monitoring Point 31	Main Transpiration Area	Exchangeable sodium	centimoles of positive charge per kilogram of soil	yearly	0.7	<0.1	0.2
Monitoring Point 31	Main Transpiration Area	Moisture	percent	yearly	5.8	5.8	7.3
Monitoring Point 31	Main Transpiration Area	Nitrate	milligrams per kilogram	3 years	38.2	N/A	60
Monitoring Point 31	Main Transpiration Area	Nitrogen (total)	milligrams per kilogram	3 years	377	N/A	645
Monitoring Point 31	Main Transpiration Area	Nitrogen Oxides	milligrams per kilogram	3 years	38.2	N/A	60
Monitoring Point 31	Main Transpiration Area	pH	pH	yearly	5.6	4.3	5.3
Monitoring Point 31	Main Transpiration Area	Phosphorus (total)	milligrams per kilogram	3 years	359	N/A	267
Monitoring Point 31	Main Transpiration Area	Phosphorus Sorption Capacity	milligrams per kilogram	3 years	308	N/A	<250
Monitoring Point 31	Main Transpiration Area	Total Kjeldahl Nitrogen	milligrams per kilogram	3 years	340	N/A	585
<b>Date Published</b>					21/05/2015	17/03/2016	6/03/2017