



Orica Kooragang Island Monitoring Points 23-24

Details of Licence Conditions

EPA Licence No: 828
Link to full license on EPA website: <http://www.epa.nsw.gov.au/prpoeapp/ViewPOEOLicence.aspx?DOCID=32838&SYSUID=1&LICID=828>
Licensee Name: ORICA AUSTRALIA PTY LTD
Licensee Address: 15 Greenleaf Rd, KOORAGANG NSW 2304
Location of Monitoring Points (See licence reference P1.3): http://www.orica.com/images/UserUploadedImages/495/2013_Orica-KI_monitoring_locations.jpg
Concentration Limit: See licence L3.6

Monthly Summary: February 2015

Monitoring Point	Location of Monitoring Point	Date Published	Pollutant	Units of Measure	Monitoring Frequency Required by Licence	No. of Times measured during month	Min. Value	Max. Value	90 percentile Licence Limit	100 percentile Licence Limit	Exceedence ? (Yes/No)	Comments on Exceedences
23	Effluent Discharge Point	4/03/15	Arsenic	mg/L	Daily	28	<0.01	0.02		0.05	No	
		4/03/15	Chromium (hexavalent)	mg/L	Daily	28	<0.01	<0.01	0.05	0.2	No	
		4/03/15	Nitrogen (Total)	mg/L	Daily	28	56	333	1500	2000	No	
		4/03/15	Oil and Grease	mg/L	Twice per Week	8	0.4	1.7		10	No	
		4/03/15	pH	pH	Continuous	28	6.8	9.0		6.2-9.5	No	
		4/03/15	Temperature	Degrees Celsius	Continuous	28	28.1	41.8		43	No	
		4/03/15	Total suspended solids	mg/L	Daily	28	4	13		50	No	
		4/03/15	Zinc	mg/L	Daily	28	0.2	0.4		5	No	
		4/03/15	Flow	kL/day	Daily	28	2184	2881		4500	No	
		24	Effluent Diversion Pond	4/03/15				No discharge				



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Monthly Summary: January 2015

Monitoring Point	Location of Monitoring Point	Date Published	Pollutant	Units of Measure	Monitoring Frequency Required by Licence	No. of Times measured during month	Min. Value	Max. Value	90 percentile Licence Limit	100 percentile Licence Limit	Exceedence ? (Yes/No)	Comments on Exceedences
23	Effluent Discharge Point	2/02/15	Arsenic	mg/L	Daily	31	0.01	0.02		0.05	No	
		2/02/15	Chromium (hexavalent)	mg/L	Daily	31	<0.01	<0.01	0.05	0.2	No	
		2/02/15	Nitrogen (Total)	mg/L	Daily	31	18	193	1500	2000	No	
		2/02/15	Oil and Grease	mg/L	Twice per Week	9	0.2	1.4		10	No	
		2/02/15	pH	pH	Continuous	31	6.8	8.7		6.2-9.5	No	
		2/02/15	Temperature	Degrees Celsius	Continuous	31	28.9	41.9		43	No	
		2/02/15	Total suspended solids	mg/L	Daily	31	3	14		50	No	
		2/02/15	Zinc	mg/L	Daily	31	0.1	0.4		5	No	
		2/02/15	Flow	kL/day	Daily	31	1919	2397		4500	No	
		24	Effluent Diversion Pond	2/02/15				No discharge				



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Monthly Summary: December 2014

Monitoring Point	Location of Monitoring Point	Date Published	Pollutant	Units of Measure	Monitoring Frequency Required by Licence	No. of Times measured during month	Min. Value	Max. Value	90 percentile Licence Limit	100 percentile Licence Limit	Exceedence ? (Yes/No)	Comments on Exceedences	
23	Effluent Discharge Point	5/01/15	Arsenic	mg/L	Daily	31	0.01	0.03		0.05	No		
		5/01/15	Chromium (hexavalent)	mg/L	Daily	31	<0.01	<0.01	0.05	0.2	No		
		5/01/15	Nitrogen (Total)	mg/L	Daily	31	93	299	1500	2000	No		
		5/01/15	Oil and Grease	mg/L	Twice per Week	9	0.3	0.9		10	No		
		5/01/15	pH	pH	Continuous	31	6.3	9.3		6.2-9.5	No		
		5/01/15	Temperature	Degrees Celsius	Continuous	31	28.9	42.7		43	No		
		5/01/15	Total suspended solids	mg/L	Daily	31	7	20		50	No		
		5/01/15	Zinc	mg/L	Daily	31	0.2	0.4		5	No		
		5/01/15	Flow	kL/day	Daily	31	1634	2670		4500	No		
		24	Effluent Diversion Pond	5/01/15				No discharge					

