

Details of Licence Conditions

EPA Licence No:

828

Link to full license on EPA website:

<http://www.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=828&id=828&option=licence&searchrange=licence&range=POFO licence&prp=no&status=Issued>

Licensee Name:

ORICA AUSTRALIA PTY LTD

Licensee Address:

15 Greenleaf Rd, KOORAGANG NSW 2304

Location of Monitoring Points:

http://www.orica.com/images/UserUploadedImages/495/2013_Orica-KI_monitoring_locations.jpg

Concentration Limit:

See licence M2.3

Monthly Summary: February 2018 (Monitoring Point 10 -12)

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	Mean Value	Median Value	Max. Value	
10	Catchment 1 - Ammonia Storage	9/03/18	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	12.9	N/A	
		9/03/18	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.007	N/A	
		9/03/18	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A	
		9/03/18	Nitrate	mg/L	Once per month during rain event		N/A	N/A	23.6	N/A	
		9/03/18	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.15	N/A	
		9/03/18	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	39	N/A	
		9/03/18	pH	pH	Once per month during rain event		N/A	N/A	7.18	N/A	
		9/03/18	Phosphate	mg/L	Once per month during rain event		N/A	N/A	5.21	N/A	
		9/03/18	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	0.25	N/A	
		9/03/18	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	1.70	N/A	
		9/03/18	TKN	mg/L	Once per month during rain event		N/A	N/A	15.4	N/A	
		9/03/18	TSS	mg/L	Once per month during rain event		N/A	N/A	198	N/A	
		9/03/18	Flow	kL/Day	Daily during discharge		12	2	77	8	391
		11	Catchment 2 - Admin/NH3	9/03/18	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	5.90
9/03/18	Arsenic			mg/L	Once per month during rain event		N/A	N/A	0.008	N/A	
9/03/18	Chromium (hexavalent)			mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A	
9/03/18	Nitrate			mg/L	Once per month during rain event		N/A	N/A	12.5	N/A	
9/03/18	Nitrite			mg/L	Once per month during rain event		N/A	N/A	0.07	N/A	
9/03/18	Nitrogen (total)			mg/L	Once per month during rain event		N/A	N/A	23.4	N/A	
9/03/18	pH			pH	Once per month during rain event		N/A	N/A	6.62	N/A	
9/03/18	Phosphate			mg/L	Once per month during rain event		N/A	N/A	3.37	N/A	
9/03/18	Phosphorus (dissolved reactive)			mg/L	Once per month during rain event		N/A	N/A	0.15	N/A	
9/03/18	Phosphorus (total)			mg/L	Once per month during rain event		N/A	N/A	1.10	N/A	
9/03/18	TKN			mg/L	Once per month during rain event		N/A	N/A	10.8	N/A	
9/03/18	TSS			mg/L	Once per month during rain event		N/A	N/A	107	N/A	
9/03/18	Flow			kL/Day	Daily during discharge		5	71	181	113	355
12	Catchment 3 - Ammonia			9/03/18	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	2.60
		9/03/18	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.019	N/A	
		9/03/18	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A	
		9/03/18	Nitrate	mg/L	Once per month during rain event		N/A	N/A	8.7	N/A	
		9/03/18	Nitrite	mg/L	Once per month during rain event		N/A	N/A	<0.05	N/A	
		9/03/18	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	14.6	N/A	
		9/03/18	pH	pH	Once per month during rain event		N/A	N/A	6.92	N/A	
		9/03/18	Phosphate	mg/L	Once per month during rain event		N/A	N/A	6.74	N/A	
		9/03/18	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	0.24	N/A	
		9/03/18	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	2.20	N/A	
		9/03/18	TKN	mg/L	Once per month during rain event		N/A	N/A	5.9	N/A	
		9/03/18	TSS	mg/L	Once per month during rain event		N/A	N/A	171	N/A	
		9/03/18	Flow	kL/Day	Daily during discharge		6	1	167	125	414

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Concentration Limit:

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Monthly Summary:February 2018 (Monitoring Points 13 -15)

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	Mean Value	Median Value	Max. Value	
13	Catchment 4 - Nitrates	9/03/18	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	139	N/A	
		9/03/18	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.004	N/A	
		9/03/18	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A	
		9/03/18	Nitrate	mg/L	Once per month during rain event		N/A	N/A	160	N/A	
		9/03/18	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.21	N/A	
		9/03/18	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	294	N/A	
		9/03/18	pH	pH	Once per month during rain event		N/A	N/A	7.19	N/A	
		9/03/18	Phosphate	mg/L	Once per month during rain event		N/A	N/A	1.44	N/A	
		9/03/18	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	0.11	N/A	
		9/03/18	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	0.47	N/A	
		9/03/18	TKN	mg/L	Once per month during rain event		N/A	N/A	134	N/A	
		9/03/18	TSS	mg/L	Once per month during rain event		N/A	N/A	94	N/A	
		9/03/18	Flow	kL/Day	Daily during discharge		3	43	267	282	476
		14	Catchment 5 - Bagging South	9/03/18	Ammonia		mg/L	Once per month during rain event	1	N/A	N/A
9/03/18	Arsenic			mg/L	Once per month during rain event	N/A	N/A	0.002		N/A	
9/03/18	Chromium (hexavalent)			mg/L	Once per month during rain event	N/A	N/A	<0.01		N/A	
9/03/18	Nitrate			mg/L	Once per month during rain event	N/A	N/A	282		N/A	
9/03/18	Nitrite			mg/L	Once per month during rain event	N/A	N/A	0.09		N/A	
9/03/18	Nitrogen (total)			mg/L	Once per month during rain event	N/A	N/A	492		N/A	
9/03/18	pH			pH	Once per month during rain event	N/A	N/A	6.14		N/A	
9/03/18	Phosphate			mg/L	Once per month during rain event	N/A	N/A	1.59		N/A	
9/03/18	Phosphorus (dissolved reactive)			mg/L	Once per month during rain event	N/A	N/A	<0.05		N/A	
9/03/18	Phosphorus (total)			mg/L	Once per month during rain event	N/A	N/A	0.52		N/A	
9/03/18	TKN			mg/L	Once per month during rain event	N/A	N/A	210		N/A	
9/03/18	TSS			mg/L	Once per month during rain event	N/A	N/A	95		N/A	
9/03/18	Flow			kL/Day	Daily during discharge	4	3	92		66	234
15	Catchment 6 - Bagging North			9/03/18	Ammonia	mg/L	Once per month during rain event	1		N/A	N/A
		9/03/18	Arsenic	mg/L	Once per month during rain event	N/A	N/A		0.001	N/A	
		9/03/18	Chromium (hexavalent)	mg/L	Once per month during rain event	N/A	N/A		<0.01	N/A	
		9/03/18	Nitrate	mg/L	Once per month during rain event	N/A	N/A		46	N/A	
		9/03/18	Nitrite	mg/L	Once per month during rain event	N/A	N/A		0.18	N/A	
		9/03/18	Nitrogen (total)	mg/L	Once per month during rain event	N/A	N/A		79.3	N/A	
		9/03/18	pH	pH	Once per month during rain event	N/A	N/A		6.34	N/A	
		9/03/18	Phosphate	mg/L	Once per month during rain event	N/A	N/A		1.66	N/A	
		9/03/18	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event	N/A	N/A		0.13	N/A	
		9/03/18	Phosphorus (total)	mg/L	Once per month during rain event	N/A	N/A		0.54	N/A	
		9/03/18	TKN	mg/L	Once per month during rain event	N/A	N/A		33.1	N/A	
		9/03/18	TSS	mg/L	Once per month during rain event	N/A	N/A		44	N/A	
		9/03/18	Flow	kL/Day	Daily during discharge	4	2		53	30	149

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Concentration Limit:

See licence M2.3

Monthly Summary: January 2018 (Monitoring Point 10 -12)

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	Mean Value	Median Value	Max. Value	
10	Catchment 1 - Ammonia Storage	7/02/18	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	66.8	N/A	
		7/02/18	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.006	N/A	
		7/02/18	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A	
		7/02/18	Nitrate	mg/L	Once per month during rain event		N/A	N/A	109.0	N/A	
		7/02/18	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.38	N/A	
		7/02/18	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	172	N/A	
		7/02/18	pH	pH	Once per month during rain event		N/A	N/A	6.66	N/A	
		7/02/18	Phosphate	mg/L	Once per month during rain event		N/A	N/A	3.98	N/A	
		7/02/18	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	0.37	N/A	
		7/02/18	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	1.30	N/A	
		7/02/18	TKN	mg/L	Once per month during rain event		N/A	N/A	63.0	N/A	
		7/02/18	TSS	mg/L	Once per month during rain event		N/A	N/A	132	N/A	
		7/02/18	Flow	kL/Day	Daily during discharge		5	2	8	4	13
		7/02/18	Ammonia	mg/L	Once per month during rain event		1	N/A	N/A	14.70	N/A
11	Catchment 2 - Admin/NH3	7/02/18	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.012	N/A	
		7/02/18	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A	
		7/02/18	Nitrate	mg/L	Once per month during rain event		N/A	N/A	34.4	N/A	
		7/02/18	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.14	N/A	
		7/02/18	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	49.4	N/A	
		7/02/18	pH	pH	Once per month during rain event		N/A	N/A	6.57	N/A	
		7/02/18	Phosphate	mg/L	Once per month during rain event		N/A	N/A	1.75	N/A	
		7/02/18	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	0.25	N/A	
		7/02/18	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	0.57	N/A	
		7/02/18	TKN	mg/L	Once per month during rain event		N/A	N/A	14.9	N/A	
		7/02/18	TSS	mg/L	Once per month during rain event		N/A	N/A	59	N/A	
		7/02/18	Flow	kL/Day	Daily during discharge		9	2	17	6	43
		7/02/18	Ammonia	mg/L	Once per month during rain event		1	N/A	N/A	0.92	N/A
		7/02/18	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.026	N/A	
12	Catchment 3 - Ammonia	7/02/18	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A	
		7/02/18	Nitrate	mg/L	Once per month during rain event		N/A	N/A	4.4	N/A	
		7/02/18	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.05	N/A	
		7/02/18	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	6.7	N/A	
		7/02/18	pH	pH	Once per month during rain event		N/A	N/A	7.35	N/A	
		7/02/18	Phosphate	mg/L	Once per month during rain event		N/A	N/A	4.29	N/A	
		7/02/18	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	0.86	N/A	
		7/02/18	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	1.40	N/A	
		7/02/18	TKN	mg/L	Once per month during rain event		N/A	N/A	2.3	N/A	
		7/02/18	TSS	mg/L	Once per month during rain event		N/A	N/A	41	N/A	
		7/02/18	Flow	kL/Day	Daily during discharge		4	2	10	6	23

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Concentration Limit:

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Monthly Summary: January 2018 (Monitoring Points 13 -15)

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	Mean Value	Median Value	Max. Value	
13	Catchment 4 - Nitrates	7/02/18	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	415	N/A	
		7/02/18	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.002	N/A	
		7/02/18	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A	
		7/02/18	Nitrate	mg/L	Once per month during rain event		N/A	N/A	24.8	N/A	
		7/02/18	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.37	N/A	
		7/02/18	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	480	N/A	
		7/02/18	pH	pH	Once per month during rain event		N/A	N/A	10.3	N/A	
		7/02/18	Phosphate	mg/L	Once per month during rain event		N/A	N/A	0.55	N/A	
		7/02/18	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	<0.05	N/A	
		7/02/18	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	0.18	N/A	
		7/02/18	TKN	mg/L	Once per month during rain event		N/A	N/A	455	N/A	
		7/02/18	TSS	mg/L	Once per month during rain event		N/A	N/A	44	N/A	
		7/02/18	Flow	kL/Day	Daily during discharge		2	3	7	7	11
		14	Catchment 5 - Bagging South	7/02/18	Ammonia		mg/L	Once per month during rain event	0	N/A	N/A
7/02/18	Arsenic			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A	
7/02/18	Chromium (hexavalent)			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A	
7/02/18	Nitrate			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A	
7/02/18	Nitrite			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A	
7/02/18	Nitrogen (total)			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A	
7/02/18	pH			pH	Once per month during rain event	N/A	N/A	N/A		N/A	
7/02/18	Phosphate			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A	
7/02/18	Phosphorus (dissolved reactive)			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A	
7/02/18	Phosphorus (total)			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A	
7/02/18	TKN			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A	
7/02/18	TSS			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A	
7/02/18	Flow			kL/Day	Daily during discharge	0	N/A	N/A		N/A	N/A
15	Catchment 6 - Bagging North			7/02/18	Ammonia	mg/L	Once per month during rain event	0		N/A	N/A
		7/02/18	Arsenic	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A	
		7/02/18	Chromium (hexavalent)	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A	
		7/02/18	Nitrate	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A	
		7/02/18	Nitrite	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A	
		7/02/18	Nitrogen (total)	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A	
		7/02/18	pH	pH	Once per month during rain event	N/A	N/A		N/A	N/A	
		7/02/18	Phosphate	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A	
		7/02/18	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A	
		7/02/18	Phosphorus (total)	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A	
		7/02/18	TKN	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A	
		7/02/18	TSS	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A	
		7/02/18	Flow	kL/Day	Daily during discharge	0	N/A		N/A	N/A	N/A

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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	Mean Value	Median Value	Max. Value			
10	Catchment 1 - Ammonia Storage	15/01/18	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	7.2	N/A			
		15/01/18	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.004	N/A			
		15/01/18	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A			
		15/01/18	Nitrate	mg/L	Once per month during rain event		N/A	N/A	16.2	N/A			
		15/01/18	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.21	N/A			
		15/01/18	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	27.0	N/A			
		15/01/18	pH	pH	Once per month during rain event		N/A	N/A	7.18	N/A			
		15/01/18	Phosphate	mg/L	Once per month during rain event		N/A	N/A	2.51	N/A			
		15/01/18	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	0.15	N/A			
		15/01/18	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	0.82	N/A			
		15/01/18	TKN	mg/L	Once per month during rain event		N/A	N/A	10.6	N/A			
		15/01/18	TSS	mg/L	Once per month during rain event		N/A	N/A	89	N/A			
		15/01/18	Flow	kL/Day	Daily during discharge		9	1	30	4	67		
		11	Catchment 2 - Admin/NH3	15/01/18	Ammonia		mg/L	Once per month during rain event	1	N/A	N/A	1.40	N/A
				15/01/18	Arsenic		mg/L	Once per month during rain event		N/A	N/A	0.007	N/A
15/01/18	Chromium (hexavalent)			mg/L	Once per month during rain event	N/A	N/A	<0.01		N/A			
15/01/18	Nitrate			mg/L	Once per month during rain event	N/A	N/A	3.7		N/A			
15/01/18	Nitrite			mg/L	Once per month during rain event	N/A	N/A	0.07		N/A			
15/01/18	Nitrogen (total)			mg/L	Once per month during rain event	N/A	N/A	5.8		N/A			
15/01/18	pH			pH	Once per month during rain event	N/A	N/A	6.90		N/A			
15/01/18	Phosphate			mg/L	Once per month during rain event	N/A	N/A	1.75		N/A			
15/01/18	Phosphorus (dissolved reactive)			mg/L	Once per month during rain event	N/A	N/A	0.11		N/A			
15/01/18	Phosphorus (total)			mg/L	Once per month during rain event	N/A	N/A	0.57		N/A			
15/01/18	TKN			mg/L	Once per month during rain event	N/A	N/A	2.0		N/A			
15/01/18	TSS			mg/L	Once per month during rain event	N/A	N/A	48		N/A			
15/01/18	Flow			kL/Day	Daily during discharge	5	1	30		4	73		
12	Catchment 3 - Ammonia			15/01/18	Ammonia	mg/L	Once per month during rain event	1		N/A	N/A	0.67	N/A
				15/01/18	Arsenic	mg/L	Once per month during rain event			N/A	N/A	0.014	N/A
		15/01/18	Chromium (hexavalent)	mg/L	Once per month during rain event	N/A	N/A		<0.01	N/A			
		15/01/18	Nitrate	mg/L	Once per month during rain event	N/A	N/A		2.5	N/A			
		15/01/18	Nitrite	mg/L	Once per month during rain event	N/A	N/A		0.05	N/A			
		15/01/18	Nitrogen (total)	mg/L	Once per month during rain event	N/A	N/A		3.9	N/A			
		15/01/18	pH	pH	Once per month during rain event	N/A	N/A		7.15	N/A			
		15/01/18	Phosphate	mg/L	Once per month during rain event	N/A	N/A		3.98	N/A			
		15/01/18	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event	N/A	N/A		0.27	N/A			
		15/01/18	Phosphorus (total)	mg/L	Once per month during rain event	N/A	N/A		1.30	N/A			
		15/01/18	TKN	mg/L	Once per month during rain event	N/A	N/A		1.4	N/A			
		15/01/18	TSS	mg/L	Once per month during rain event	N/A	N/A		73	N/A			
		15/01/18	Flow	kL/Day	Daily during discharge	2	2		36	36	69		

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Licensee Name:

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Licensee Address:

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Location of Monitoring Points:

http://www.orica.com/images/UserUploadedImages/495/2013_Orica-KI_monitoring_locations.jpg

Concentration Limit:

See licence M2.3

Monthly Summary: December 2017 (Monitoring Points 13 -15)

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	Mean Value	Median Value	Max. Value
13	Catchment 4 - Nitrates	15/01/18	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	130	N/A
		15/01/18	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.003	N/A
		15/01/18	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A
		15/01/18	Nitrate	mg/L	Once per month during rain event		N/A	N/A	145	N/A
		15/01/18	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.37	N/A
		15/01/18	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	273	N/A
		15/01/18	pH	pH	Once per month during rain event		N/A	N/A	6.51	N/A
		15/01/18	Phosphate	mg/L	Once per month during rain event		N/A	N/A	1.26	N/A
		15/01/18	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	<0.05	N/A
		15/01/18	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	0.41	N/A
		15/01/18	TKN	mg/L	Once per month during rain event		N/A	N/A	128	N/A
		15/01/18	TSS	mg/L	Once per month during rain event		N/A	N/A	48	N/A
		15/01/18	Flow	kL/Day	Daily during discharge	3	6	21	20	37
		14	Catchment 5 - Bagging South	15/01/18	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A
15/01/18	Arsenic			mg/L	Once per month during rain event		N/A	N/A	<0.001	N/A
15/01/18	Chromium (hexavalent)			mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A
15/01/18	Nitrate			mg/L	Once per month during rain event		N/A	N/A	143	N/A
15/01/18	Nitrite			mg/L	Once per month during rain event		N/A	N/A	0.25	N/A
15/01/18	Nitrogen (total)			mg/L	Once per month during rain event		N/A	N/A	256	N/A
15/01/18	pH			pH	Once per month during rain event		N/A	N/A	6.98	N/A
15/01/18	Phosphate			mg/L	Once per month during rain event		N/A	N/A	0.24	N/A
15/01/18	Phosphorus (dissolved reactive)			mg/L	Once per month during rain event		N/A	N/A	<0.05	N/A
15/01/18	Phosphorus (total)			mg/L	Once per month during rain event		N/A	N/A	0.08	N/A
15/01/18	TKN			mg/L	Once per month during rain event		N/A	N/A	113	N/A
15/01/18	TSS			mg/L	Once per month during rain event		N/A	N/A	<5	N/A
15/01/18	Flow			kL/Day	Daily during discharge	2	26	31	31	35
15	Catchment 6 - Bagging North			15/01/18	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A
		15/01/18	Arsenic	mg/L	Once per month during rain event		N/A	N/A	<0.001	N/A
		15/01/18	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A
		15/01/18	Nitrate	mg/L	Once per month during rain event		N/A	N/A	48	N/A
		15/01/18	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.14	N/A
		15/01/18	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	87.3	N/A
		15/01/18	pH	pH	Once per month during rain event		N/A	N/A	6.14	N/A
		15/01/18	Phosphate	mg/L	Once per month during rain event		N/A	N/A	0.55	N/A
		15/01/18	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	0.06	N/A
		15/01/18	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	0.18	N/A
		15/01/18	TKN	mg/L	Once per month during rain event		N/A	N/A	39.2	N/A
		15/01/18	TSS	mg/L	Once per month during rain event		N/A	N/A	9	N/A
		15/01/18	Flow	kL/Day	Daily during discharge	1	N/A	N/A	9	N/A

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Licensee Address:

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Location of Monitoring Points:

http://www.orica.com/images/UserUploadedImages/495/2013_Orica-KI_monitoring_locations.jpg

Concentration Limit:

See licence M2.3

Monthly Summary: November 2017 (Monitoring Point 10 -12)

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	Mean Value	Median Value	Max. Value		
10	Catchment 1 - Ammonia Storage	11/12/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	6.2	N/A		
		11/12/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	<0.001	N/A		
		11/12/17	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A		
		11/12/17	Nitrate	mg/L	Once per month during rain event		N/A	N/A	10.8	N/A		
		11/12/17	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.13	N/A		
		11/12/17	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	18.9	N/A		
		11/12/17	pH	pH	Once per month during rain event		N/A	N/A	6.98	N/A		
		11/12/17	Phosphate	mg/L	Once per month during rain event		N/A	N/A	1.95	N/A		
		11/12/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	0.37	N/A		
		11/12/17	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	0.64	N/A		
		11/12/17	TKN	mg/L	Once per month during rain event		N/A	N/A	8.0	N/A		
		11/12/17	TSS	mg/L	Once per month during rain event		N/A	N/A	29	N/A		
		11/12/17	Flow	kL/Day	Daily during discharge		17	1	47	8	275	
		11	Catchment 2 - Admin/NH3	11/12/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	6.98	N/A
				11/12/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.006	N/A
				11/12/17	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A
				11/12/17	Nitrate	mg/L	Once per month during rain event		N/A	N/A	14.3	N/A
11/12/17	Nitrite			mg/L	Once per month during rain event		N/A	N/A	0.21	N/A		
11/12/17	Nitrogen (total)			mg/L	Once per month during rain event		N/A	N/A	24.0	N/A		
11/12/17	pH			pH	Once per month during rain event		N/A	N/A	6.99	N/A		
11/12/17	Phosphate			mg/L	Once per month during rain event		N/A	N/A	1.76	N/A		
11/12/17	Phosphorus (dissolved reactive)			mg/L	Once per month during rain event		N/A	N/A	0.39	N/A		
11/12/17	Phosphorus (total)			mg/L	Once per month during rain event		N/A	N/A	0.57	N/A		
11/12/17	TKN			mg/L	Once per month during rain event		N/A	N/A	9.5	N/A		
11/12/17	TSS			mg/L	Once per month during rain event		N/A	N/A	16	N/A		
11/12/17	Flow			kL/Day	Daily during discharge		7	3	80	52	291	
12	Catchment 3 - Ammonia			11/12/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	0.68	N/A
				11/12/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.007	N/A
				11/12/17	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A
				11/12/17	Nitrate	mg/L	Once per month during rain event		N/A	N/A	2.6	N/A
		11/12/17	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.05	N/A		
		11/12/17	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	4.3	N/A		
		11/12/17	pH	pH	Once per month during rain event		N/A	N/A	6.94	N/A		
		11/12/17	Phosphate	mg/L	Once per month during rain event		N/A	N/A	2.48	N/A		
		11/12/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	0.18	N/A		
		11/12/17	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	0.81	N/A		
		11/12/17	TKN	mg/L	Once per month during rain event		N/A	N/A	1.6	N/A		
		11/12/17	TSS	mg/L	Once per month during rain event		N/A	N/A	40	N/A		
		11/12/17	Flow	kL/Day	Daily during discharge		7	4	103	59	357	

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Concentration Limit:

See licence M2.3

Monthly Summary: November 2017 (Monitoring Points 13 -15)

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	Mean Value	Median Value	Max. Value
13	Catchment 4 - Nitrates	11/12/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	24.4	N/A
		11/12/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	<0.001	N/A
		11/12/17	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A
		11/12/17	Nitrate	mg/L	Once per month during rain event		N/A	N/A	27.8	N/A
		11/12/17	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.17	N/A
		11/12/17	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	62.1	N/A
		11/12/17	pH	pH	Once per month during rain event		N/A	N/A	6.58	N/A
		11/12/17	Phosphate	mg/L	Once per month during rain event		N/A	N/A	0.71	N/A
		11/12/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	0.08	N/A
		11/12/17	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	0.23	N/A
		11/12/17	TKN	mg/L	Once per month during rain event		N/A	N/A	34.1	N/A
		11/12/17	TSS	mg/L	Once per month during rain event		N/A	N/A	26	N/A
		11/12/17	Flow	kL/Day	Daily during discharge	3	1	98	25	270
		14	Catchment 5 - Bagging South	11/12/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A
11/12/17	Arsenic			mg/L	Once per month during rain event		N/A	N/A	0.002	N/A
11/12/17	Chromium (hexavalent)			mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A
11/12/17	Nitrate			mg/L	Once per month during rain event		N/A	N/A	50.6	N/A
11/12/17	Nitrite			mg/L	Once per month during rain event		N/A	N/A	0.06	N/A
11/12/17	Nitrogen (total)			mg/L	Once per month during rain event		N/A	N/A	98.7	N/A
11/12/17	pH			pH	Once per month during rain event		N/A	N/A	6.36	N/A
11/12/17	Phosphate			mg/L	Once per month during rain event		N/A	N/A	1.86	N/A
11/12/17	Phosphorus (dissolved reactive)			mg/L	Once per month during rain event		N/A	N/A	0.3	N/A
11/12/17	Phosphorus (total)			mg/L	Once per month during rain event		N/A	N/A	0.61	N/A
11/12/17	TKN			mg/L	Once per month during rain event		N/A	N/A	48	N/A
11/12/17	TSS			mg/L	Once per month during rain event		N/A	N/A	100	N/A
11/12/17	Flow			kL/Day	Daily during discharge	1	N/A	N/A	108	N/A
15	Catchment 6 - Bagging North			11/12/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A
		11/12/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	<0.001	N/A
		11/12/17	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A
		11/12/17	Nitrate	mg/L	Once per month during rain event		N/A	N/A	13.3	N/A
		11/12/17	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.04	N/A
		11/12/17	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	24.1	N/A
		11/12/17	pH	pH	Once per month during rain event		N/A	N/A	6.85	N/A
		11/12/17	Phosphate	mg/L	Once per month during rain event		N/A	N/A	1.35	N/A
		11/12/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	0.41	N/A
		11/12/17	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	0.44	N/A
		11/12/17	TKN	mg/L	Once per month during rain event		N/A	N/A	10.8	N/A
		11/12/17	TSS	mg/L	Once per month during rain event		N/A	N/A	14	N/A
		11/12/17	Flow	kL/Day	Daily during discharge	1	N/A	N/A	51	N/A

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Location of Monitoring Points:

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Concentration Limit:

See licence M2.3

Monthly Summary:October 2017 (Monitoring Point 10 -12)

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	Mean Value	Median Value	Max. Value		
10	Catchment 1 - Ammonia Storage	3/11/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	15.4	N/A		
		3/11/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.002	N/A		
		3/11/17	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A		
		3/11/17	Nitrate	mg/L	Once per month during rain event		N/A	N/A	28.0	N/A		
		3/11/17	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.09	N/A		
		3/11/17	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	54.8	N/A		
		3/11/17	pH	pH	Once per month during rain event		N/A	N/A	6.78	N/A		
		3/11/17	Phosphate	mg/L	Once per month during rain event		N/A	N/A	2.49	N/A		
		3/11/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	0.24	N/A		
		3/11/17	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	0.81	N/A		
		3/11/17	TKN	mg/L	Once per month during rain event		N/A	N/A	26.7	N/A		
		3/11/17	TSS	mg/L	Once per month during rain event		N/A	N/A	84	N/A		
		3/11/17	Flow	kL/Day	Daily during discharge	15	1	40	15	169		
		11	Catchment 2 - Admin/NH3	3/11/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	3.29	N/A
				3/11/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.006	N/A
3/11/17	Chromium (hexavalent)			mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A		
3/11/17	Nitrate			mg/L	Once per month during rain event		N/A	N/A	8.4	N/A		
3/11/17	Nitrite			mg/L	Once per month during rain event		N/A	N/A	0.04	N/A		
3/11/17	Nitrogen (total)			mg/L	Once per month during rain event		N/A	N/A	12.7	N/A		
3/11/17	pH			pH	Once per month during rain event		N/A	N/A	6.79	N/A		
3/11/17	Phosphate			mg/L	Once per month during rain event		N/A	N/A	1.40	N/A		
3/11/17	Phosphorus (dissolved reactive)			mg/L	Once per month during rain event		N/A	N/A	0.09	N/A		
3/11/17	Phosphorus (total)			mg/L	Once per month during rain event		N/A	N/A	0.46	N/A		
3/11/17	TKN			mg/L	Once per month during rain event		N/A	N/A	4.3	N/A		
3/11/17	TSS			mg/L	Once per month during rain event		N/A	N/A	64	N/A		
3/11/17	Flow			kL/Day	Daily during discharge	8	3	56	50	125		
12	Catchment 3 - Ammonia			3/11/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	1.44	N/A
				3/11/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.014	N/A
		3/11/17	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A		
		3/11/17	Nitrate	mg/L	Once per month during rain event		N/A	N/A	4.7	N/A		
		3/11/17	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.03	N/A		
		3/11/17	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	7.5	N/A		
		3/11/17	pH	pH	Once per month during rain event		N/A	N/A	6.96	N/A		
		3/11/17	Phosphate	mg/L	Once per month during rain event		N/A	N/A	3.22	N/A		
		3/11/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	0.13	N/A		
		3/11/17	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	1.05	N/A		
		3/11/17	TKN	mg/L	Once per month during rain event		N/A	N/A	2.8	N/A		
		3/11/17	TSS	mg/L	Once per month during rain event		N/A	N/A	111	N/A		
		3/11/17	Flow	kL/Day	Daily during discharge	8	5	72	61	176		

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Licensee Name:

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Location of Monitoring Points:

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Concentration Limit:

See licence M2.3

Monthly Summary: October 2017 (Monitoring Points 13 -15)

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	Mean Value	Median Value	Max. Value
13	Catchment 4 - Nitrates	3/11/17	Ammonia	mg/L	Once per month during rain event	No stormwater discharge during October	N/A	N/A	N/A	N/A
		3/11/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		3/11/17	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		3/11/17	Nitrate	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		3/11/17	Nitrite	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		3/11/17	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		3/11/17	pH	pH	Once per month during rain event		N/A	N/A	N/A	N/A
		3/11/17	Phosphate	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		3/11/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		3/11/17	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		3/11/17	TKN	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		3/11/17	TSS	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		3/11/17	Flow	kL/Day	Daily during discharge		N/A	N/A	N/A	N/A
		14	Catchment 5 - Bagging South	3/11/17	Ammonia		mg/L	Once per month during rain event	No stormwater discharge during October	N/A
3/11/17	Arsenic			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
3/11/17	Chromium (hexavalent)			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
3/11/17	Nitrate			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
3/11/17	Nitrite			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
3/11/17	Nitrogen (total)			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
3/11/17	pH			pH	Once per month during rain event	N/A	N/A	N/A		N/A
3/11/17	Phosphate			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
3/11/17	Phosphorus (dissolved reactive)			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
3/11/17	Phosphorus (total)			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
3/11/17	TKN			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
3/11/17	TSS			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
3/11/17	Flow			kL/Day	Daily during discharge	N/A	N/A	N/A		N/A
15	Catchment 6 - Bagging North			3/11/17	Ammonia	mg/L	Once per month during rain event	No stormwater discharge during October		N/A
		3/11/17	Arsenic	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		3/11/17	Chromium (hexavalent)	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		3/11/17	Nitrate	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		3/11/17	Nitrite	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		3/11/17	Nitrogen (total)	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		3/11/17	pH	pH	Once per month during rain event	N/A	N/A		N/A	N/A
		3/11/17	Phosphate	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		3/11/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		3/11/17	Phosphorus (total)	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		3/11/17	TKN	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		3/11/17	TSS	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		3/11/17	Flow	kL/Day	Daily during discharge	N/A	N/A		N/A	N/A

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Concentration Limit:

See licence M2.3

Monthly Summary:September 2017 (Monitoring Point 10 -12)

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	Mean Value	Median Value	Max. Value		
10	Catchment 1 - Ammonia Storage	5/10/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	16.0	N/A		
		5/10/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.003	N/A		
		5/10/17	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A		
		5/10/17	Nitrate	mg/L	Once per month during rain event		N/A	N/A	22.5	N/A		
		5/10/17	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.16	N/A		
		5/10/17	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	43.3	N/A		
		5/10/17	pH	pH	Once per month during rain event		N/A	N/A	6.78	N/A		
		5/10/17	Phosphate	mg/L	Once per month during rain event		N/A	N/A	12.90	N/A		
		5/10/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	3.25	N/A		
		5/10/17	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	4.21	N/A		
		5/10/17	TKN	mg/L	Once per month during rain event		N/A	N/A	20.6	N/A		
		5/10/17	TSS	mg/L	Once per month during rain event		N/A	N/A	60	N/A		
		5/10/17	Flow	kL/Day	Daily during discharge	6	1	12	2	62		
		5/10/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	7.26	N/A		
		5/10/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.005	N/A		
5/10/17	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A				
11	Catchment 2 - Admin/NH3	5/10/17	Nitrate	mg/L	Once per month during rain event		N/A	N/A	11.7	N/A		
		5/10/17	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.07	N/A		
		5/10/17	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	20.2	N/A		
		5/10/17	pH	pH	Once per month during rain event		N/A	N/A	6.84	N/A		
		5/10/17	Phosphate	mg/L	Once per month during rain event		N/A	N/A	4.89	N/A		
		5/10/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	0.83	N/A		
		5/10/17	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	1.60	N/A		
		5/10/17	TKN	mg/L	Once per month during rain event		N/A	N/A	8.4	N/A		
		5/10/17	TSS	mg/L	Once per month during rain event		N/A	N/A	36	N/A		
		5/10/17	Flow	kL/Day	Daily during discharge	2	2	27	27	51		
		12	Catchment 3 - Ammonia	5/10/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	3.34	N/A
				5/10/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.02	N/A
				5/10/17	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A
				5/10/17	Nitrate	mg/L	Once per month during rain event		N/A	N/A	8.1	N/A
				5/10/17	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.08	N/A
5/10/17	Nitrogen (total)			mg/L	Once per month during rain event		N/A	N/A	13.9	N/A		
5/10/17	pH			pH	Once per month during rain event		N/A	N/A	7.06	N/A		
5/10/17	Phosphate			mg/L	Once per month during rain event		N/A	N/A	3.64	N/A		
5/10/17	Phosphorus (dissolved reactive)			mg/L	Once per month during rain event		N/A	N/A	0.29	N/A		
5/10/17	Phosphorus (total)			mg/L	Once per month during rain event		N/A	N/A	1.18	N/A		
5/10/17	TKN			mg/L	Once per month during rain event		N/A	N/A	5.8	N/A		
5/10/17	TSS			mg/L	Once per month during rain event		N/A	N/A	68	N/A		
5/10/17	Flow			kL/Day	Daily during discharge	2	2	34	34	67		

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Concentration Limit:

See licence M2.3

Monthly Summary: September 2017 (Monitoring Points 13 -15)

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	Mean Value	Median Value	Max. Value
13	Catchment 4 - Nitrates	5/10/17	Ammonia	mg/L	Once per month during rain event	No stormwater discharge during September	N/A	N/A	N/A	N/A
		5/10/17	Arsenic	mg/L	Once per month during rain event					
		5/10/17	Chromium (hexavalent)	mg/L	Once per month during rain event					
		5/10/17	Nitrate	mg/L	Once per month during rain event					
		5/10/17	Nitrite	mg/L	Once per month during rain event					
		5/10/17	Nitrogen (total)	mg/L	Once per month during rain event					
		5/10/17	pH	pH	Once per month during rain event					
		5/10/17	Phosphate	mg/L	Once per month during rain event					
		5/10/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event					
		5/10/17	Phosphorus (total)	mg/L	Once per month during rain event					
		5/10/17	TKN	mg/L	Once per month during rain event					
		5/10/17	TSS	mg/L	Once per month during rain event					
		5/10/17	Flow	kL/Day	Daily during discharge					
		5/10/17	Ammonia	mg/L	Once per month during rain event					
		14	Catchment 5 - Bagging South	5/10/17	Ammonia					
5/10/17	Arsenic			mg/L	Once per month during rain event					
5/10/17	Chromium (hexavalent)			mg/L	Once per month during rain event					
5/10/17	Nitrate			mg/L	Once per month during rain event					
5/10/17	Nitrite			mg/L	Once per month during rain event					
5/10/17	Nitrogen (total)			mg/L	Once per month during rain event					
5/10/17	pH			pH	Once per month during rain event					
5/10/17	Phosphate			mg/L	Once per month during rain event					
5/10/17	Phosphorus (dissolved reactive)			mg/L	Once per month during rain event					
5/10/17	Phosphorus (total)			mg/L	Once per month during rain event					
5/10/17	TKN			mg/L	Once per month during rain event					
5/10/17	TSS			mg/L	Once per month during rain event					
5/10/17	Flow			kL/Day	Daily during discharge					
5/10/17	Ammonia			mg/L	Once per month during rain event					
15	Catchment 6 - Bagging North			5/10/17	Ammonia	mg/L	Once per month during rain event	No stormwater discharge during September	N/A	N/A
		5/10/17	Arsenic	mg/L	Once per month during rain event					
		5/10/17	Chromium (hexavalent)	mg/L	Once per month during rain event					
		5/10/17	Nitrate	mg/L	Once per month during rain event					
		5/10/17	Nitrite	mg/L	Once per month during rain event					
		5/10/17	Nitrogen (total)	mg/L	Once per month during rain event					
		5/10/17	pH	pH	Once per month during rain event					
		5/10/17	Phosphate	mg/L	Once per month during rain event					
		5/10/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event					
		5/10/17	Phosphorus (total)	mg/L	Once per month during rain event					
		5/10/17	TKN	mg/L	Once per month during rain event					
		5/10/17	TSS	mg/L	Once per month during rain event					
		5/10/17	Flow	kL/Day	Daily during discharge					

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Concentration Limit:

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Monthly Summary: August 2017 (Monitoring Point 10 -12)

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	Mean Value	Median Value	Max. Value		
10	Catchment 1 - Ammonia Storage	7/09/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	12.0	N/A		
		7/09/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.004	N/A		
		7/09/17	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A		
		7/09/17	Nitrate	mg/L	Once per month during rain event		N/A	N/A	20.9	N/A		
		7/09/17	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.09	N/A		
		7/09/17	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	21.0	N/A		
		7/09/17	pH	pH	Once per month during rain event		N/A	N/A	7.34	N/A		
		7/09/17	Phosphate	mg/L	Once per month during rain event		N/A	N/A	2.79	N/A		
		7/09/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	0.18	N/A		
		7/09/17	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	0.91	N/A		
		7/09/17	TKN	mg/L	Once per month during rain event		N/A	N/A	13.5	N/A		
		7/09/17	TSS	mg/L	Once per month during rain event		N/A	N/A	112	N/A		
		7/09/17	Flow	kL/Day	Daily during discharge		11	1	21	5	148	
		11	Catchment 2 - Admin/NH3	7/09/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	6.56	N/A
				7/09/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.005	N/A
7/09/17	Chromium (hexavalent)			mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A		
7/09/17	Nitrate			mg/L	Once per month during rain event		N/A	N/A	9.8	N/A		
7/09/17	Nitrite			mg/L	Once per month during rain event		N/A	N/A	0.06	N/A		
7/09/17	Nitrogen (total)			mg/L	Once per month during rain event		N/A	N/A	17.4	N/A		
7/09/17	pH			pH	Once per month during rain event		N/A	N/A	6.99	N/A		
7/09/17	Phosphate			mg/L	Once per month during rain event		N/A	N/A	1.41	N/A		
7/09/17	Phosphorus (dissolved reactive)			mg/L	Once per month during rain event		N/A	N/A	0.11	N/A		
7/09/17	Phosphorus (total)			mg/L	Once per month during rain event		N/A	N/A	0.46	N/A		
7/09/17	TKN			mg/L	Once per month during rain event		N/A	N/A	7.6	N/A		
7/09/17	TSS			mg/L	Once per month during rain event		N/A	N/A	21	N/A		
7/09/17	Flow			kL/Day	Daily during discharge		5	11	39	15	124	
12	Catchment 3 - Ammonia			7/09/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	4.14	N/A
				7/09/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.03	N/A
		7/09/17	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A		
		7/09/17	Nitrate	mg/L	Once per month during rain event		N/A	N/A	8.1	N/A		
		7/09/17	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.1	N/A		
		7/09/17	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	14.0	N/A		
		7/09/17	pH	pH	Once per month during rain event		N/A	N/A	7.13	N/A		
		7/09/17	Phosphate	mg/L	Once per month during rain event		N/A	N/A	3.66	N/A		
		7/09/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	0.22	N/A		
		7/09/17	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	1.19	N/A		
		7/09/17	TKN	mg/L	Once per month during rain event		N/A	N/A	5.9	N/A		
		7/09/17	TSS	mg/L	Once per month during rain event		N/A	N/A	89	N/A		
		7/09/17	Flow	kL/Day	Daily during discharge		6	8	41	18	146	

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Concentration Limit:

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Monthly Summary: August 2017 (Monitoring Points 13 -15)

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	Mean Value	Median Value	Max. Value
13	Catchment 4 - Nitrates	7/09/17	Ammonia	mg/L	Once per month during rain event	No stormwater discharge during August	N/A	N/A	N/A	N/A
		7/09/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		7/09/17	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		7/09/17	Nitrate	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		7/09/17	Nitrite	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		7/09/17	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		7/09/17	pH	pH	Once per month during rain event		N/A	N/A	N/A	N/A
		7/09/17	Phosphate	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		7/09/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		7/09/17	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		7/09/17	TKN	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		7/09/17	TSS	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		7/09/17	Flow	kL/Day	Daily during discharge		N/A	N/A	N/A	N/A
		14	Catchment 5 - Bagging South	7/09/17	Ammonia		mg/L	Once per month during rain event	No stormwater discharge during August	N/A
7/09/17	Arsenic			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
7/09/17	Chromium (hexavalent)			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
7/09/17	Nitrate			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
7/09/17	Nitrite			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
7/09/17	Nitrogen (total)			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
7/09/17	pH			pH	Once per month during rain event	N/A	N/A	N/A		N/A
7/09/17	Phosphate			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
7/09/17	Phosphorus (dissolved reactive)			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
7/09/17	Phosphorus (total)			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
7/09/17	TKN			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
7/09/17	TSS			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
7/09/17	Flow			kL/Day	Daily during discharge	N/A	N/A	N/A		N/A
15	Catchment 6 - Bagging North			7/09/17	Ammonia	mg/L	Once per month during rain event	No stormwater discharge during August		N/A
		7/09/17	Arsenic	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		7/09/17	Chromium (hexavalent)	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		7/09/17	Nitrate	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		7/09/17	Nitrite	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		7/09/17	Nitrogen (total)	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		7/09/17	pH	pH	Once per month during rain event	N/A	N/A		N/A	N/A
		7/09/17	Phosphate	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		7/09/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		7/09/17	Phosphorus (total)	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		7/09/17	TKN	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		7/09/17	TSS	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		7/09/17	Flow	kL/Day	Daily during discharge	N/A	N/A		N/A	N/A

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Licensee Name:

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Licensee Address:

15 Greenleaf Rd, KOORAGANG NSW 2304

Location of Monitoring Points:

http://www.orica.com/images/UserUploadedImages/495/2013_Orica-KI_monitoring_locations.jpg

Concentration Limit:

See licence M2.3

Monthly Summary: July 2017 (Monitoring Point 10 -12)

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	Mean Value	Median Value	Max. Value	
10	Catchment 1 - Ammonia Storage	2/08/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	11.4	N/A	
		2/08/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.002	N/A	
		2/08/17	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A	
		2/08/17	Nitrate	mg/L	Once per month during rain event		N/A	N/A	18.9	N/A	
		2/08/17	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.20	N/A	
		2/08/17	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	36.7	N/A	
		2/08/17	pH	pH	Once per month during rain event		N/A	N/A	6.97	N/A	
		2/08/17	Phosphate	mg/L	Once per month during rain event		N/A	N/A	3.33	N/A	
		2/08/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	0.37	N/A	
		2/08/17	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	1.09	N/A	
		2/08/17	TKN	mg/L	Once per month during rain event		N/A	N/A	17.6	N/A	
		2/08/17	TSS	mg/L	Once per month during rain event		N/A	N/A	97	N/A	
		2/08/17	Flow	kL/Day	Daily during discharge		14	2	71	61	206
		11	Catchment 2 - Admin/NH3	2/08/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	8.47
2/08/17	Arsenic			mg/L	Once per month during rain event		N/A	N/A	0.003	N/A	
2/08/17	Chromium (hexavalent)			mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A	
2/08/17	Nitrate			mg/L	Once per month during rain event		N/A	N/A	13.4	N/A	
2/08/17	Nitrite			mg/L	Once per month during rain event		N/A	N/A	0.08	N/A	
2/08/17	Nitrogen (total)			mg/L	Once per month during rain event		N/A	N/A	17.4	N/A	
2/08/17	pH			pH	Once per month during rain event		N/A	N/A	7.11	N/A	
2/08/17	Phosphate			mg/L	Once per month during rain event		N/A	N/A	2.51	N/A	
2/08/17	Phosphorus (dissolved reactive)			mg/L	Once per month during rain event		N/A	N/A	0.20	N/A	
2/08/17	Phosphorus (total)			mg/L	Once per month during rain event		N/A	N/A	0.82	N/A	
2/08/17	TKN			mg/L	Once per month during rain event		N/A	N/A	10.7	N/A	
2/08/17	TSS			mg/L	Once per month during rain event		N/A	N/A	49	N/A	
2/08/17	Flow			kL/Day	Daily during discharge		2	84	115	115	146
12	Catchment 3 - Ammonia			2/08/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	5.69
		2/08/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.03	N/A	
		2/08/17	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A	
		2/08/17	Nitrate	mg/L	Once per month during rain event		N/A	N/A	9.8	N/A	
		2/08/17	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.1	N/A	
		2/08/17	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	17.3	N/A	
		2/08/17	pH	pH	Once per month during rain event		N/A	N/A	7.30	N/A	
		2/08/17	Phosphate	mg/L	Once per month during rain event		N/A	N/A	4.34	N/A	
		2/08/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	0.37	N/A	
		2/08/17	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	1.42	N/A	
		2/08/17	TKN	mg/L	Once per month during rain event		N/A	N/A	7.4	N/A	
		2/08/17	TSS	mg/L	Once per month during rain event		N/A	N/A	90	N/A	
		2/08/17	Flow	kL/Day	Daily during discharge		2	109	178	178	248

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Concentration Limit:

See licence M2.3

Monthly Summary: July 2017 (Monitoring Points 13 -15)

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	Mean Value	Median Value	Max. Value	
13	Catchment 4 - Nitrates	2/08/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	31.5	N/A	
		2/08/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.001	N/A	
		2/08/17	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A	
		2/08/17	Nitrate	mg/L	Once per month during rain event		N/A	N/A	41.3	N/A	
		2/08/17	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.48	N/A	
		2/08/17	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	81	N/A	
		2/08/17	pH	pH	Once per month during rain event		N/A	N/A	7.14	N/A	
		2/08/17	Phosphate	mg/L	Once per month during rain event		N/A	N/A	0.42	N/A	
		2/08/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	0.06	N/A	
		2/08/17	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	0.14	N/A	
		2/08/17	TKN	mg/L	Once per month during rain event		N/A	N/A	39.6	N/A	
		2/08/17	TSS	mg/L	Once per month during rain event		N/A	N/A	24	N/A	
		2/08/17	Flow	kL/Day	Daily during discharge		1	N/A	N/A	162	N/A
		14	Catchment 5 - Bagging South	2/08/17	Ammonia		mg/L	Once per month during rain event	1	N/A	N/A
2/08/17	Arsenic			mg/L	Once per month during rain event	N/A	N/A	<0.001		N/A	
2/08/17	Chromium (hexavalent)			mg/L	Once per month during rain event	N/A	N/A	<0.01		N/A	
2/08/17	Nitrate			mg/L	Once per month during rain event	N/A	N/A	19.8		N/A	
2/08/17	Nitrite			mg/L	Once per month during rain event	N/A	N/A	0.11		N/A	
2/08/17	Nitrogen (total)			mg/L	Once per month during rain event	N/A	N/A	41.1		N/A	
2/08/17	pH			pH	Once per month during rain event	N/A	N/A	6.62		N/A	
2/08/17	Phosphate			mg/L	Once per month during rain event	N/A	N/A	0.51		N/A	
2/08/17	Phosphorus (dissolved reactive)			mg/L	Once per month during rain event	N/A	N/A	0.08		N/A	
2/08/17	Phosphorus (total)			mg/L	Once per month during rain event	N/A	N/A	0.16		N/A	
2/08/17	TKN			mg/L	Once per month during rain event	N/A	N/A	21		N/A	
2/08/17	TSS			mg/L	Once per month during rain event	N/A	N/A	52		N/A	
2/08/17	Flow			kL/Day	Daily during discharge	1	N/A	N/A		8	N/A
15	Catchment 6 - Bagging North			2/08/17	Ammonia	mg/L	Once per month during rain event	No stormwater discharge during July		N/A	N/A
		2/08/17	Arsenic	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A	
		2/08/17	Chromium (hexavalent)	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A	
		2/08/17	Nitrate	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A	
		2/08/17	Nitrite	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A	
		2/08/17	Nitrogen (total)	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A	
		2/08/17	pH	pH	Once per month during rain event	N/A	N/A		N/A	N/A	
		2/08/17	Phosphate	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A	
		2/08/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A	
		2/08/17	Phosphorus (total)	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A	
		2/08/17	TKN	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A	
		2/08/17	TSS	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A	
		2/08/17	Flow	kL/Day	Daily during discharge		N/A		N/A	N/A	N/A



Orica Kooragang Island Monitoring Points 10 - 15

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 Location of Monitoring Points: http://www.orica.com/images/UserUploadedImages/495/2013_Orica-KI_monitoring_locations.jpg
 Concentration Limit: See licence M2.3

Monthly Summary: June 2017 (Monitoring Point 10 -12)

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	Mean Value	Median Value	Max. Value		
10	Catchment 1 - Ammonia Storage	7/07/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	6.14	N/A		
		7/07/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.005	N/A		
		7/07/17	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A		
		7/07/17	Nitrate	mg/L	Once per month during rain event		N/A	N/A	14.1	N/A		
		7/07/17	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.31	N/A		
		7/07/17	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	25.7	N/A		
		7/07/17	pH	pH	Once per month during rain event		N/A	N/A	7.29	N/A		
		7/07/17	Phosphate	mg/L	Once per month during rain event		N/A	N/A	6.08	N/A		
		7/07/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	0.83	N/A		
		7/07/17	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	1.98	N/A		
		7/07/17	TKN	mg/L	Once per month during rain event		N/A	N/A	11.3	N/A		
		7/07/17	TSS	mg/L	Once per month during rain event		N/A	N/A	152	N/A		
		7/07/17	Flow	kL/Day	Daily during discharge	15	2	95	14	496		
		11	Catchment 2 - Admin/NH3	7/07/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	5.81	N/A
				7/07/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.006	N/A
7/07/17	Chromium (hexavalent)			mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A		
7/07/17	Nitrate			mg/L	Once per month during rain event		N/A	N/A	8.57	N/A		
7/07/17	Nitrite			mg/L	Once per month during rain event		N/A	N/A	0.10	N/A		
7/07/17	Nitrogen (total)			mg/L	Once per month during rain event		N/A	N/A	17.4	N/A		
7/07/17	pH			pH	Once per month during rain event		N/A	N/A	7.18	N/A		
7/07/17	Phosphate			mg/L	Once per month during rain event		N/A	N/A	1.28	N/A		
7/07/17	Phosphorus (dissolved reactive)			mg/L	Once per month during rain event		N/A	N/A	0.21	N/A		
7/07/17	Phosphorus (total)			mg/L	Once per month during rain event		N/A	N/A	0.00	N/A		
7/07/17	TKN			mg/L	Once per month during rain event		N/A	N/A	0.42	N/A		
7/07/17	TSS			mg/L	Once per month during rain event		N/A	N/A	72	N/A		
7/07/17	Flow			kL/Day	Daily during discharge	11	2	154	38	835		
12	Catchment 3 - Ammonia			7/07/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	2.81	N/A
				7/07/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.02	N/A
		7/07/17	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A		
		7/07/17	Nitrate	mg/L	Once per month during rain event		N/A	N/A	6.39	N/A		
		7/07/17	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.2	N/A		
		7/07/17	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	12.8	N/A		
		7/07/17	pH	pH	Once per month during rain event		N/A	N/A	7.50	N/A		
		7/07/17	Phosphate	mg/L	Once per month during rain event		N/A	N/A	7.02	N/A		
		7/07/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	0.27	N/A		
		7/07/17	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	2.29	N/A		
		7/07/17	TKN	mg/L	Once per month during rain event		N/A	N/A	6.2	N/A		
		7/07/17	TSS	mg/L	Once per month during rain event		N/A	N/A	138	N/A		
		7/07/17	Flow	kL/Day	Daily during discharge	13	1	179	27	1048		



Orica Kooragang Island Monitoring Points 10 - 15

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Monthly Summary: June 2017 (Monitoring Points 13 -15)

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	Mean Value	Median Value	Max. Value	
13	Catchment 4 - Nitrates	7/07/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	53.1	N/A	
		7/07/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.004	N/A	
		7/07/17	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A	
		7/07/17	Nitrate	mg/L	Once per month during rain event		N/A	N/A	56.6	N/A	
		7/07/17	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.84	N/A	
		7/07/17	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	107	N/A	
		7/07/17	pH	pH	Once per month during rain event		N/A	N/A	6.79	N/A	
		7/07/17	Phosphate	mg/L	Once per month during rain event		N/A	N/A	1.95	N/A	
		7/07/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	0.06	N/A	
		7/07/17	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	0.64	N/A	
		7/07/17	TKN	mg/L	Once per month during rain event		N/A	N/A	50.0	N/A	
		7/07/17	TSS	mg/L	Once per month during rain event		N/A	N/A	163	N/A	
		7/07/17	Flow	kL/Day	Daily during discharge		5	10	305	304	839
		14	Catchment 5 - Bagging South	7/07/17	Ammonia		mg/L	Once per month during rain event	1	N/A	N/A
7/07/17	Arsenic			mg/L	Once per month during rain event	N/A	N/A	0.002		N/A	
7/07/17	Chromium (hexavalent)			mg/L	Once per month during rain event	N/A	N/A	<0.01		N/A	
7/07/17	Nitrate			mg/L	Once per month during rain event	N/A	N/A	24.1		N/A	
7/07/17	Nitrite			mg/L	Once per month during rain event	N/A	N/A	0.08		N/A	
7/07/17	Nitrogen (total)			mg/L	Once per month during rain event	N/A	N/A	44.2		N/A	
7/07/17	pH			pH	Once per month during rain event	N/A	N/A	6.24		N/A	
7/07/17	Phosphate			mg/L	Once per month during rain event	N/A	N/A	1.58		N/A	
7/07/17	Phosphorus (dissolved reactive)			mg/L	Once per month during rain event	N/A	N/A	0.06		N/A	
7/07/17	Phosphorus (total)			mg/L	Once per month during rain event	N/A	N/A	0.52		N/A	
7/07/17	TKN			mg/L	Once per month during rain event	N/A	N/A	20		N/A	
7/07/17	TSS			mg/L	Once per month during rain event	N/A	N/A	184		N/A	
7/07/17	Flow			kL/Day	Daily during discharge	4	11	164		129	387
15	Catchment 6 - Bagging North			7/07/17	Ammonia	mg/L	Once per month during rain event	1		N/A	N/A
		7/07/17	Arsenic	mg/L	Once per month during rain event	N/A	N/A		0.002	N/A	
		7/07/17	Chromium (hexavalent)	mg/L	Once per month during rain event	N/A	N/A		<0.01	N/A	
		7/07/17	Nitrate	mg/L	Once per month during rain event	N/A	N/A		11.9	N/A	
		7/07/17	Nitrite	mg/L	Once per month during rain event	N/A	N/A		0.07	N/A	
		7/07/17	Nitrogen (total)	mg/L	Once per month during rain event	N/A	N/A		20	N/A	
		7/07/17	pH	pH	Once per month during rain event	N/A	N/A		6.83	N/A	
		7/07/17	Phosphate	mg/L	Once per month during rain event	N/A	N/A		2.49	N/A	
		7/07/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event	N/A	N/A		0.09	N/A	
		7/07/17	Phosphorus (total)	mg/L	Once per month during rain event	N/A	N/A		0.81	N/A	
		7/07/17	TKN	mg/L	Once per month during rain event	N/A	N/A		8	N/A	
		7/07/17	TSS	mg/L	Once per month during rain event	N/A	N/A		89	N/A	
		7/07/17	Flow	kL/Day	Daily during discharge	2	23		67	67	112



Orica Kooragang Island Monitoring Points 10 - 15

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 Concentration Limit: See licence M2.3

Monthly Summary: May 2017 (Monitoring Point 10-12)

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	Mean Value	Median Value	Max. Value
10	Catchment 1 - Ammonia Storage	1/06/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	1.1	N/A
		1/06/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.007	N/A
		1/06/17	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A
		1/06/17	Nitrate	mg/L	Once per month during rain event		N/A	N/A	9.53	N/A
		1/06/17	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.08	N/A
		1/06/17	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	12.3	N/A
		1/06/17	pH	pH	Once per month during rain event		N/A	N/A	7.74	N/A
		1/06/17	Phosphate	mg/L	Once per month during rain event		N/A	N/A	5.6	N/A
		1/06/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	0.10	N/A
		1/06/17	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	1.82	N/A
		1/06/17	TKN	mg/L	Once per month during rain event		N/A	N/A	2.7	N/A
		1/06/17	TSS	mg/L	Once per month during rain event		N/A	N/A	137	N/A
		1/06/17	Flow	kL/Day	Daily during discharge	16	6	16	11	64
		11	Catchment 2 - Admin/NH3	1/06/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A
1/06/17	Arsenic			mg/L	Once per month during rain event		N/A	N/A	0.006	N/A
1/06/17	Chromium (hexavalent)			mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A
1/06/17	Nitrate			mg/L	Once per month during rain event		N/A	N/A	10.90	N/A
1/06/17	Nitrite			mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A
1/06/17	Nitrogen (total)			mg/L	Once per month during rain event		N/A	N/A	12.1	N/A
1/06/17	pH			pH	Once per month during rain event		N/A	N/A	7.99	N/A
1/06/17	Phosphate			mg/L	Once per month during rain event		N/A	N/A	0.14	N/A
1/06/17	Phosphorus (dissolved reactive)			mg/L	Once per month during rain event		N/A	N/A	0.09	N/A
1/06/17	Phosphorus (total)			mg/L	Once per month during rain event		N/A	N/A	0.05	N/A
1/06/17	TKN			mg/L	Once per month during rain event		N/A	N/A	1.2	N/A
1/06/17	TSS			mg/L	Once per month during rain event		N/A	N/A	<5	N/A
1/06/17	Flow			kL/Day	Daily during discharge	4	6	12	11	18
12	Catchment 3 - Ammonia			1/06/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A
		1/06/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.01	N/A
		1/06/17	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A
		1/06/17	Nitrate	mg/L	Once per month during rain event		N/A	N/A	13.30	N/A
		1/06/17	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.20	N/A
		1/06/17	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	18.60	N/A
		1/06/17	pH	pH	Once per month during rain event		N/A	N/A	7.53	N/A
		1/06/17	Phosphate	mg/L	Once per month during rain event		N/A	N/A	2.8	N/A
		1/06/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	0.31	N/A
		1/06/17	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	0.9	N/A
		1/06/17	TKN	mg/L	Once per month during rain event		N/A	N/A	5.1	N/A
		1/06/17	TSS	mg/L	Once per month during rain event		N/A	N/A	32	N/A
		1/06/17	Flow	kL/Day	Daily during discharge	6	1	8	7	25



Orica Kooragang Island Monitoring Points 10 - 15

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Monthly Summary: May 2017 (Monitoring Points 13 -15)

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	Mean Value	Median Value	Max. Value
13	Catchment 4 - Nitrates	1/06/17	Ammonia	mg/L	Once per month during rain event	No stormwater discharge during May	N/A	N/A	N/A	N/A
		1/06/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		1/06/17	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		1/06/17	Nitrate	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		1/06/17	Nitrite	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		1/06/17	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		1/06/17	pH	pH	Once per month during rain event		N/A	N/A	N/A	N/A
		1/06/17	Phosphate	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		1/06/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		1/06/17	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		1/06/17	TKN	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		1/06/17	TSS	mg/L	Once per month during rain event		N/A	N/A	N/A	N/A
		1/06/17	Flow	kL/Day	Daily during discharge		N/A	N/A	N/A	N/A
		14	Catchment 5 - Bagging South	1/06/17	Ammonia		mg/L	Once per month during rain event	No stormwater discharge during May	N/A
1/06/17	Arsenic			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
1/06/17	Chromium (hexavalent)			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
1/06/17	Nitrate			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
1/06/17	Nitrite			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
1/06/17	Nitrogen (total)			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
1/06/17	pH			pH	Once per month during rain event	N/A	N/A	N/A		N/A
1/06/17	Phosphate			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
1/06/17	Phosphorus (dissolved reactive)			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
1/06/17	Phosphorus (total)			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
1/06/17	TKN			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
1/06/17	TSS			mg/L	Once per month during rain event	N/A	N/A	N/A		N/A
1/06/17	Flow			kL/Day	Daily during discharge	N/A	N/A	N/A		N/A
15	Catchment 6 - Bagging North			1/06/17	Ammonia	mg/L	Once per month during rain event	No stormwater discharge during May		N/A
		1/06/17	Arsenic	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		1/06/17	Chromium (hexavalent)	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		1/06/17	Nitrate	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		1/06/17	Nitrite	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		1/06/17	Nitrogen (total)	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		1/06/17	pH	pH	Once per month during rain event	N/A	N/A		N/A	N/A
		1/06/17	Phosphate	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		1/06/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		1/06/17	Phosphorus (total)	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		1/06/17	TKN	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		1/06/17	TSS	mg/L	Once per month during rain event	N/A	N/A		N/A	N/A
		1/06/17	Flow	kL/Day	Daily during discharge	N/A	N/A		N/A	N/A



Orica Kooragang Island Monitoring Points 10 - 15

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 Concentration Limit: See licence M2.3

Monthly Summary: April 2017 (Monitoring Point 10 -12)

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	Mean Value	Median Value	Max. Value
10	Catchment 1 - Ammonia Storage	1/05/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	13.3	N/A
		1/05/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.002	N/A
		1/05/17	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A
		1/05/17	Nitrate	mg/L	Once per month during rain event		N/A	N/A	23.80	N/A
		1/05/17	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.17	N/A
		1/05/17	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	38.4	N/A
		1/05/17	pH	pH	Once per month during rain event		N/A	N/A	7.13	N/A
		1/05/17	Phosphate	mg/L	Once per month during rain event		N/A	N/A	1.0	N/A
		1/05/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	0.12	N/A
		1/05/17	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	0.34	N/A
		1/05/17	TKN	mg/L	Once per month during rain event		N/A	N/A	14.4	N/A
		1/05/17	TSS	mg/L	Once per month during rain event		N/A	N/A	24	N/A
		1/05/17	Flow	kL/Day	Daily during discharge	28	3	44	30	214
		11	Catchment 2 - Admin/NH3	1/05/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A
1/05/17	Arsenic			mg/L	Once per month during rain event		N/A	N/A	0.010	N/A
1/05/17	Chromium (hexavalent)			mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A
1/05/17	Nitrate			mg/L	Once per month during rain event		N/A	N/A	0.44	N/A
1/05/17	Nitrite			mg/L	Once per month during rain event		N/A	N/A	0.10	N/A
1/05/17	Nitrogen (total)			mg/L	Once per month during rain event		N/A	N/A	12.3	N/A
1/05/17	pH			pH	Once per month during rain event		N/A	N/A	7.30	N/A
1/05/17	Phosphate			mg/L	Once per month during rain event		N/A	N/A	0.91	N/A
1/05/17	Phosphorus (dissolved reactive)			mg/L	Once per month during rain event		N/A	N/A	0.09	N/A
1/05/17	Phosphorus (total)			mg/L	Once per month during rain event		N/A	N/A	0.30	N/A
1/05/17	TKN			mg/L	Once per month during rain event		N/A	N/A	1.8	N/A
1/05/17	TSS			mg/L	Once per month during rain event		N/A	N/A	11	N/A
1/05/17	Flow			kL/Day	Daily during discharge	13	5	50	17	198
12	Catchment 3 - Ammonia			1/05/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A
		1/05/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.01	N/A
		1/05/17	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	0.02	N/A
		1/05/17	Nitrate	mg/L	Once per month during rain event		N/A	N/A	5.58	N/A
		1/05/17	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.13	N/A
		1/05/17	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	8.60	N/A
		1/05/17	pH	pH	Once per month during rain event		N/A	N/A	7.29	N/A
		1/05/17	Phosphate	mg/L	Once per month during rain event		N/A	N/A	6.8	N/A
		1/05/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	0.18	N/A
		1/05/17	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	2.2	N/A
		1/05/17	TKN	mg/L	Once per month during rain event		N/A	N/A	3.0	N/A
		1/05/17	TSS	mg/L	Once per month during rain event		N/A	N/A	97	N/A
		1/05/17	Flow	kL/Day	Daily during discharge	15	2	53	20	273



Orica Kooragang Island Monitoring Points 10 - 15

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Monthly Summary: April 2017 (Monitoring Points 13 -15)

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	Mean Value	Median Value	Max. Value	
13	Catchment 4 - Nitrates	1/05/17	Ammonia	mg/L	Once per month during rain event	1	N/A	N/A	29.8	N/A	
		1/05/17	Arsenic	mg/L	Once per month during rain event		N/A	N/A	0.001	N/A	
		1/05/17	Chromium (hexavalent)	mg/L	Once per month during rain event		N/A	N/A	<0.01	N/A	
		1/05/17	Nitrate	mg/L	Once per month during rain event		N/A	N/A	45.7	N/A	
		1/05/17	Nitrite	mg/L	Once per month during rain event		N/A	N/A	0.23	N/A	
		1/05/17	Nitrogen (total)	mg/L	Once per month during rain event		N/A	N/A	78	N/A	
		1/05/17	pH	pH	Once per month during rain event		N/A	N/A	6.40	N/A	
		1/05/17	Phosphate	mg/L	Once per month during rain event		N/A	N/A	1.28	N/A	
		1/05/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event		N/A	N/A	0.02	N/A	
		1/05/17	Phosphorus (total)	mg/L	Once per month during rain event		N/A	N/A	0.42	N/A	
		1/05/17	TKN	mg/L	Once per month during rain event		N/A	N/A	33	N/A	
		1/05/17	TSS	mg/L	Once per month during rain event		N/A	N/A	39	N/A	
		1/05/17	Flow	kL/Day	Daily during discharge		7	3	50	26	136
		14	Catchment 5 - Bagging South	1/05/17	Ammonia		mg/L	Once per month during rain event	1	N/A	N/A
1/05/17	Arsenic			mg/L	Once per month during rain event	N/A	N/A	<0.001		N/A	
1/05/17	Chromium (hexavalent)			mg/L	Once per month during rain event	N/A	N/A	<0.01		N/A	
1/05/17	Nitrate			mg/L	Once per month during rain event	N/A	N/A	62.3		N/A	
1/05/17	Nitrite			mg/L	Once per month during rain event	N/A	N/A	0.4		N/A	
1/05/17	Nitrogen (total)			mg/L	Once per month during rain event	N/A	N/A	119		N/A	
1/05/17	pH			pH	Once per month during rain event	N/A	N/A	7.3		N/A	
1/05/17	Phosphate			mg/L	Once per month during rain event	N/A	N/A	0.61		N/A	
1/05/17	Phosphorus (dissolved reactive)			mg/L	Once per month during rain event	N/A	N/A	0.30		N/A	
1/05/17	Phosphorus (total)			mg/L	Once per month during rain event	N/A	N/A	0.20		N/A	
1/05/17	TKN			mg/L	Once per month during rain event	N/A	N/A	56		N/A	
1/05/17	TSS			mg/L	Once per month during rain event	N/A	N/A	8		N/A	
1/05/17	Flow			kL/Day	Daily during discharge	4	14	30		25	55
15	Catchment 6 - Bagging North			1/05/17	Ammonia	mg/L	Once per month during rain event	1		N/A	N/A
		1/05/17	Arsenic	mg/L	Once per month during rain event	N/A	N/A		<0.001	N/A	
		1/05/17	Chromium (hexavalent)	mg/L	Once per month during rain event	N/A	N/A		<0.01	N/A	
		1/05/17	Nitrate	mg/L	Once per month during rain event	N/A	N/A		11.4	N/A	
		1/05/17	Nitrite	mg/L	Once per month during rain event	N/A	N/A		0.05	N/A	
		1/05/17	Nitrogen (total)	mg/L	Once per month during rain event	N/A	N/A		20	N/A	
		1/05/17	pH	pH	Once per month during rain event	N/A	N/A		7.29	N/A	
		1/05/17	Phosphate	mg/L	Once per month during rain event	N/A	N/A		0.28	N/A	
		1/05/17	Phosphorus (dissolved reactive)	mg/L	Once per month during rain event	N/A	N/A		0.01	N/A	
		1/05/17	Phosphorus (total)	mg/L	Once per month during rain event	N/A	N/A		0.09	N/A	
		1/05/17	TKN	mg/L	Once per month during rain event	N/A	N/A		9	N/A	
		1/05/17	TSS	mg/L	Once per month during rain event	N/A	N/A		15	N/A	
		1/05/17	Flow	kL/Day	Daily during discharge	2	9		12	12	14