

Groundwater Monitoring Data January 2017

Published: 10 February 2017									
Licensee: Cargill Newcastle									
EPL no.: 5810									
Qualifications related to limits									
Samples taken as per approved methods.									
EPA Point ID	Sampling Date	Date Results Received	Pollutant	Measurement Period and Monitoring Frequency Required by Licence	Units	Value 23/01/2016	2017 Values to date		
							Min Value	Mean Value	Max Value
6	23/01/2017	06/02/2017	pH	Every 6 months	pH	7.34	7.34	7.34	7.34
			Calcium	Every 6 months	mg/L	57	57	57	57
			Conductivity	Every 6 months	µS/cm	2,800	2,800	2,800	2,800
			Magnesium	Every 6 months	mg/L	33	33	33	33
			Nitrate	Every 6 months	mg/L	0.05	0.05	0.05	0.05
			Nitrogen (total)	Every 6 months	mg/L	55	55	55	55
			Total Kjeldahl Nitrogen	Every 6 months	mg/L	54.9	54.9	54.9	54.9
			Phosphorus (total)	Every 6 months	mg/L	33.7	33.7	33.7	33.7
			Sodium	Every 6 months	mg/L	498	498	498	498
			Sulfate	Every 6 months	mg/L	10	10	10	10
			Total Dissolved Solids	Every 6 months	mg/L	2,790	2,790	2,790	2,790
			Standing Water Level	Every 6 months	m	1	1	1	1
			7	23/01/2017	06/02/2017	pH	Every 6 months	pH	7.19
Calcium	Every 6 months	mg/L				174	174	174	174
Conductivity	Every 6 months	µS/cm				2,220	2,220	2,220	2,220
Magnesium	Every 6 months	mg/L				18	18	18	18
Nitrate	Every 6 months	mg/L				0.04	0.04	0.04	0.04
Nitrogen (total)	Every 6 months	mg/L				10.2	10.2	10.2	10.2
Total Kjeldahl Nitrogen	Every 6 months	mg/L				10.2	10.2	10.2	10.2
Phosphorus (total)	Every 6 months	mg/L				2.29	2.29	2.29	2.29
Sodium	Every 6 months	mg/L				274	274	274	274
Sulfate	Every 6 months	mg/L				248	248	248	248
Total Dissolved Solids	Every 6 months	mg/L				1,370	1,370	1,370	1,370
Standing Water Level	Every 6 months	m				0	0	0	0
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							Min Value	Mean Value	Max Value
8	23/01/2017	06/02/2017	pH	Every 6 months	pH	7.70	7.70	7.70	7.70
			Calcium	Every 6 months	mg/L	89	89	89	89
			Conductivity	Every 6 months	µS/cm	2,570	2,570	2,570	2,570
			Magnesium	Every 6 months	mg/L	40	40	40	40

			Nitrate	Every 6 months	mg/L	0.01	0.01	0.01	0.01
			Nitrogen (total)	Every 6 months	mg/L	6.0	6.0	6.0	6.0
			Total Kjeldahl Nitrogen	Every 6 months	mg/L	5.9	5.9	5.9	5.9
			Phosphorus (total)	Every 6 months	mg/L	1.40	1.40	1.40	1.40
			Sodium	Every 6 months	mg/L	424	424	424	424
			Sulfate	Every 6 months	mg/L	66	66	66	66
			Total Dissolved Solids	Every 6 months	mg/L	1,490	1,490	1,490	1,490
			Standing Water Level	Every 6 months	m	3	3	3	3
9	23/01/2017	06/02/2017	pH	Every 6 months	pH	7.42	7.42	7.42	7.42
			Calcium	Every 6 months	mg/L	85	85	85	85
			Conductivity	Every 6 months	µS/cm	1,980	1,980	1,980	1,980
			Magnesium	Every 6 months	mg/L	36	36	36	36
			Nitrate	Every 6 months	mg/L	0.65	0.65	0.65	0.65
			Nitrogen (total)	Every 6 months	mg/L	3.1	3.1	3.1	3.1
			Total Kjeldahl Nitrogen	Every 6 months	mg/L	2.4	2.4	2.4	2.4
			Phosphorus (total)	Every 6 months	mg/L	2.67	2.67	2.67	2.67
			Sodium	Every 6 months	mg/L	294	294	294	294
			Sulfate	Every 6 months	mg/L	133	133	133	133
			Total Dissolved Solids	Every 6 months	mg/L	1,200	1,200	1,200	1,200
			Standing Water Level	Every 6 months	m	1.5	1.5	1.5	1.5