

Wastewater Monitoring Data April 2017

Published: 17 th May 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 27/04/2017	2017 Values to date		
							Min Value	Mean Value	Max Value
12	27/04/2017	08/05/2017	pH	Quarterly	pH Unit	8.72	8.13	8.43	8.72
			Sodium Adsorption Ratio	Quarterly	-	9.42	5.50	7.46	9.42
			Electrical Conductivity	Quarterly	µS/cm	985	692	839	985
			Chloride	Quarterly	mg/L	122	47	85	122
			Total Nitrogen	Quarterly	mg/L	17	12.8	14.9	17.0
			Total Phosphorus	Quarterly	mg/L	0.74	0.51	0.63	0.74
			Oil and Grease	Quarterly	mg/L	20	16	18	20
			Calcium	Quarterly	mg/L	12	12	12.5	13
			Magnesium	Quarterly	mg/L	5	5	6	7
			Sodium	Quarterly	mg/L	154	99	127	154
			Potassium	Quarterly	mg/L	10	10	16	21
			Arsenic	Annually	mg/L	-	-	-	-
			Cadmium	Annually	mg/L	-	-	-	-
			Chromium	Annually	mg/L	-	-	-	-
			Copper	Annually	mg/L	-	-	-	-
			Lead	Annually	mg/L	-	-	-	-
			Nickel	Annually	mg/L	-	-	-	-
			Zinc	Annually	mg/L	-	-	-	-
			Organochlorine Pesticides	Annually	mg/L	-	-	-	-
			Organophosphate Pesticides	Annually	mg/L	-	-	-	-
13	27/04/2017	08/05/2017	pH	Quarterly	pH Unit	7.44	3.02	5.23	7.44
			Sodium Adsorption Ratio	Quarterly	-	2.83	1.48	2.16	2.83
			Electrical Conductivity	Quarterly	µS/cm	916	916	1,168	1,420
			Chloride	Quarterly	mg/L	82	82	155	228
			Total Nitrogen	Quarterly	mg/L	51.2	51.2	60.10	69.0
			Total Phosphorus	Quarterly	mg/L	9.01	6.77	7.89	9.01
			Oil and Grease	Quarterly	mg/L	5	<5	5	5
			Enterococci	Quarterly	CFU/ 100mL	170	<2	86	170
			Faecal Coliforms	Quarterly	CFU/ 100mL	670	<2	336	670
			Calcium	Quarterly	mg/L	16	16	37	57
			Magnesium	Quarterly	mg/L	7	7	8.5	10
			Sodium	Quarterly	mg/L	54	46	50	54
			Potassium	Quarterly	mg/L	25	25	25.5	26
			Arsenic	Annually	mg/L	-	-	-	-
			Cadmium	Annually	mg/L	-	-	-	-
			Chromium	Annually	mg/L	-	-	-	-
			Copper	Annually	mg/L	-	-	-	-
			Lead	Annually	mg/L	-	-	-	-
			Nickel	Annually	mg/L	-	-	-	-
			Zinc	Annually	mg/L	-	-	-	-

*N/D: Not Detected