

Wastewater Monitoring Data April 2018

Published: 30/4/2018 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 12 Apr 2018	2018 Values to date		
							Min Value	Mean Value	Max Value
12	12/04/2018	23/04/2018	pH	Quarterly	pH Unit	7.95	7.95	8.04	8.13
			Sodium Adsorption Ratio	Quarterly	-	19.6	7.53	13.57	19.60
			Electrical Conductivity	Quarterly	µS/cm	6,020	852	3,436	6,020
			Chloride	Quarterly	mg/L	1,530	58	794	1,530
			Total Nitrogen	Quarterly	mg/L	64.1	34.9	49.5	64.1
			Total Phosphorus	Quarterly	mg/L	4.02	1.61	2.82	4.02
			Oil and Grease	Quarterly	mg/L	6	6	8	9
			Calcium	Quarterly	mg/L	161	11	86	161
			Magnesium	Quarterly	mg/L	52	5	29	52
			Sodium	Quarterly	mg/L	1,120	120	620	1,120
			Potassium	Quarterly	mg/L	22	7	15	22
			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	12/04/2018	23/04/2018	pH	Quarterly	pH Unit	7.51	7.51	7.58	7.64
			Sodium Adsorption Ratio	Quarterly	-	2.15	2.15	2.25	2.34
			Electrical Conductivity	Quarterly	µS/cm	999	867	933	999
			Chloride	Quarterly	mg/L	74	65	70	74
			Total Nitrogen	Quarterly	mg/L	69.9	31.2	50.6	69.9
			Total Phosphorus	Quarterly	mg/L	9.13	7.03	8.08	9.1
			Oil and Grease	Quarterly	mg/L	<5	<5	<5	<5
			Enterococci	Quarterly	CFU/ 100mL	3,000	1,100	2,050	3,000
			Faecal Coliforms	Quarterly	CFU/ 100mL	110	110	1,250,055	2,500,000
			Calcium	Quarterly	mg/L	20	19	19.5	20
			Magnesium	Quarterly	mg/L	8	7	7.5	8
			Sodium	Quarterly	mg/L	45	45	46	47
			Potassium	Quarterly	mg/L	26	24	25	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