

## Wastewater Monitoring Data October 2021

Published: 14 October 2021 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 05/10/2021	2021 Values to date		
							Min Value	Mean Value	Max Value
13	05/10/2021	11/10/2021	pH	Quarterly	pH Unit	7.87	7.59	7.73	7.87
			Sodium Adsorption Ratio	Quarterly	-	1.91	1.89	2.09	2.36
			Electrical Conductivity	Quarterly	µS/cm	966	895.00	992.75	1060.00
			Chloride	Quarterly	mg/L	67	19.00	66.00	92.00
			Total Nitrogen	Quarterly	mg/L	66.9	60.20	68.65	79.30
			TKN	Quarterly	mg/L	66.7	60.10	68.33	79.30
			Total Phosphorus	Quarterly	mg/L	11.1	9.59	10.39	11.10
			Oil and Grease	Quarterly	mg/L	5	5.00	7.00	13.00
			Enterococci	Quarterly	CFU/ 100mL	3900	1.00	2665.25	6500.00
			Faecal Coliforms	Quarterly	CFU/ 100mL	170000	10.00	16292520	65000000
			Calcium	Quarterly	mg/L	31	23.00	26.75	31.00
			Magnesium	Quarterly	mg/L	9	8.00	9.00	10.00
			Sodium	Quarterly	mg/L	47	44.00	48.75	54.00
			Potassium	Quarterly	mg/L	27	26.00	28.75	32.00
			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