

**Wastewater Monitoring Data July 2020**

Published: 3/8/2020 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 14/07/2020	2020 Values to date		
							Min Value	Mean Value	Max Value
12	14/07/2020	20/07/2020	pH	Quarterly	pH Unit	7.90	7.90	7.90	7.90
			Sodium Adsorption Ratio	Quarterly	-	2.06	2.06	2.06	2.06
			Electrical Conductivity	Quarterly	µS/cm	1060	1060	1060	1060
			Chloride	Quarterly	mg/L	68	68	68	68
			Total Nitrogen	Quarterly	mg/L	68.1	68.1	68.1	68.1
			Total Phosphorus	Quarterly	mg/L	7.92	7.92	7.92	7.92
			Oil and Grease	Quarterly	mg/L	6	6	6	6
			Calcium	Quarterly	mg/L	33	33	33	33
			Magnesium	Quarterly	mg/L	8	8	8	8
			Sodium	Quarterly	mg/L	51	51	51	51
			Potassium	Quarterly	mg/L	32	32	32	32
			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	08/01/2020	21/01/2020	pH	Quarterly	pH Unit	7.55	7.55	7.55	7.55
			Sodium Adsorption Ratio	Quarterly	-	4.06	4.06	4.06	4.06
			Electrical Conductivity	Quarterly	µS/cm	821	821	821	821
			Chloride	Quarterly	mg/L	62	62	62	62
			Total Nitrogen	Quarterly	mg/L	27.5	27.5	27.5	27.5
			Total Phosphorus	Quarterly	mg/L	2.04	2.04	2.04	2.04
			Oil and Grease	Quarterly	mg/L	27	27	27	27
			Enterococci	Quarterly	CFU/ 100mL	32,000	32,000	32,000	32,000
			Faecal Coliforms	Quarterly	CFU/ 100mL	210,000	210,000	210,000	210,000
			Calcium	Quarterly	mg/L	36	36	36	36

			Magnesium	Quarterly	mg/L	10	10	10	10
			Sodium	Quarterly	mg/L	107	107	107	107
			Potassium	Quarterly	mg/L	14	14	14	14
			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