

Groundwater Monitoring Data June 2024

Published: (CARGILL TO INSERT WEB PUBLICATION DATE)									
Licensee: Cargill Newcastle									
EPL no.: 5810									
Qualifications related to limits									
Samples taken as per approved methods.									
EPA Point ID	Sampling Date	Date Results Received	Analyte	Measurement Period and Monitoring Frequency Required by Licence	Units	Value	2024 Values to date		
							Min Value	Mean Value	Max Value
7	13/06/2024	01/07/2024	pH	Every 6 months	pH	7.37	7.24	7.31	7.37
			Conductivity	Every 6 months	µS/cm	947.00	748.0	848	947
			Calcium	Every 6 months	mg/L	103.00	103.0	111	118.0
			Magnesium	Every 6 months	mg/L	8.00	7.0	7.50	8.00
			Nitrate	Every 6 months	mg/L	0.02	0.02	0.92	1.82
			Nitrogen (total)	Every 6 months	mg/L	11.00	3.3	7.15	11.00
			Total Kjeldahl Nitrogen	Every 6 months	mg/L	10.90	1.5	6.20	10.90
			Phosphorus (total)	Every 6 months	mg/L	2.64	1.3	1.96	2.64
			Sodium	Every 6 months	mg/L	97.00	39.0	68.00	97.00
			Sulphate	Every 6 months	mg/L	87.00	1.0	44.00	87.00
			Total Dissolved Solids	Every 6 months	mg/L	506.00	506.0	510.00	514.00
Standing Water Level	Every 6 months	m	1	1.0	1	1.0			
18	06/06/2024	01/07/2024	n-Hexane	Every 6 months	mg/L	<0.01	<0.01	<0.01	<0.01
			Standing Water Level	Every 6 months	m	1	1	1	1
19	06/06/2024	01/07/2024	n-Hexane	Every 6 months	mg/L	<0.01	<0.01	<0.01	<0.01
			Standing Water Level	Every 6 months	m	1	1	1	1
20	13/06/2024	01/07/2024	n-Hexane	Every 6 months	mg/L	<0.01	<0.01	<0.01	<0.01
			Standing Water Level	Every 6 months	m	1	1	1	1
21	06/06/2024	01/07/2024	n-Hexane	Every 6 months	mg/L	<0.01	<0.01	<0.01	<0.01
			Standing Water Level	Every 6 months	m	1	1	1	1