November 2023 Meaningful Summary - Statistics from Licenced Discharge Points

Pollutant	Units	Monitoring Frequency	Detection Limit	Statistics for November of 2023					Limits		Exceedances	
				Count	Min.	Mean	Median	Max.	Min.	Max.	Count	Comments
Point 1	**Discharge from Sludge Drying Beds**											
Aluminium	mg/L	Special A	0.02	4	0.04	0.05	0.05	0.09	—	—	0	
Chlorine (Free Residual)	mg/L	Special A	0.03	4	<0.03	<0.03	<0.03	0.03	—	0.1	0	
pH	pH	Special A	—	4	6.39	7.53	7.68	8.73	6.5	8.5	2	
Total Suspended Solids	mg/L	Special A	2	4	<2	<2	<2	<2	—	10	0	
Turbidity	NTU	Special A	0.3	4	0.30	0.50	0.50	0.70	—	—	0	
Point 2	**Ambient Monitoring of Queanbeyan River**											
Turbidity	NTU	Special C	0.3	4	0.80	1.00	1.00	1.10	—	—	—	
Point 3	**Discharge from Clear Water Storage**											
Chlorine (Free Residual)	mg/L	Special B	0.03	—	—	—	—	—	—	0.1	—	
pH	pH	Special B	—	—	—	—	—	—	6.5	8.5	—	
Total Suspended Solids	mg/L	Special B	2	—	—	—	—	—	—	10	—	
Turbidity	NTU	Special B	0.3	—	—	—	—	—	—	5	—	
Point 4	**Ambient Monitoring of Googong Creek**											
Turbidity	NTU	Special C	0.3	—	—	—	—	—	—	—	—	

NOTE: Any results below the detection limit are considered to be equal to the detection limit divided by 2 for the calculation of the above statistics.

NOTE: Exceedances are calculated as inclusive of the limit

Special A: Weekly during (and for two weeks after) the operation of Googong Water Treatment Plant

Special B: Weekly during discharge

Special C: Monthly during discharge

Additional Comments

November 2023 Meaningful Summary - Exceedances from Licensed Discharge Points

Sample Point	Pollutant	Value	Units	Sampled Date	Comment
Point 1	pH	8.73	mg/L	13/11/2023 11:20	Presence of algae and stormwater runoff into sample point potentially affecting pH
Point 1	pH	6.39	mg/L	20/11/2023 14:04	Analysis of independent laboratory samples was conducted outside of the recommended holding time