

October 2022 Meaningful Summary - Statistics from Licenced Discharge Points

Pollutant	Units	Monitoring Frequency	Detection Limit	Statistics for April 2022					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	5	0.13	0.72	0.36	2.31	—	—	—	No exceedances
Chlorine (Free Residual)	mg/L	Special A	0.03	5	<0.03	0.03	0.03	0.07	—	0.1	—	No exceedances
pH	pH	Special A	—	5	7.25	7.52	7.63	7.72	6.5	8.5	—	No exceedances
Total Suspended Solids	mg/L	Special A	2	5	<2	6	4	16	—	10	—	One exceedance - reported to EPA
Turbidity	NTU	Special A	0.3	5	1.3	5	2.1	13.9	—	—	—	-High during filter ripening (10 Oct) -Rainfall also caused higher turbidity through the discharge point (24 Oct)
Point 2		Ambient Monitoring of Queanbeyan River										
Turbidity	NTU	Special C	0.3	5	5.1	8.3	8.7	10.4	—	—	—	Ambient monitoring
Point 3		Discharge from Clear Water Storage										
Chlorine (Free Residual)	mg/L	Special B	0.03	—	—	—	—	—	—	0.1	—	No sampling required
pH	pH	Special B	—	—	—	—	—	—	6.5	8.5	—	No sampling required
Total Suspended Solids	mg/L	Special B	2	—	—	—	—	—	—	10	—	No sampling required
Turbidity	NTU	Special B	0.3	—	—	—	—	—	—	5	—	No sampling required
Point 4		Ambient Monitoring of Googong Creek										
Turbidity	NTU	Special C	0.3	—	—	—	—	—	—	—	—	No sampling required

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

One exceedance reported to NSW EPA for high total suspended solids.

October 2022 Meaningful Summary - Exceedances from Licensed Discharge Points

Sample Point	Pollutant	Value	Units	Sampled Date	Comment
Point 1	Suspended solids	16	mg/L	10-Oct-22	Total suspended solids discharge exceedance reported to NSW EPA. Sub-optimal solids removal (including turbidity of 13.9 NTU) occurred for a temporary period as the drying bed filters were ripening.