

May 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	4	114	347	352	571	—	—	0	No exceedances
Chlorine (Free Residual)	mg/L	Special A	0.03	4	<0.03	<0.03	<0.03	<0.03	—	0.1	0	No exceedances
pH	pH	Special A	—	4	7.01	7.22	7.15	7.58	6.5	8.5	0	No exceedances
Total Suspended Solids	mg/L	Special A	2	4	<2	2.75	3	4	—	10	0	No exceedances
Turbidity	NTU	Special A	0.3	4	1.4	2.1	2.15	2.7	—	—	0	No exceedances
Point 2		Ambient Monitoring of Queanbeyan River										
Turbidity	NTU	Special C	0.3	4	3.7	4.4	3.95	6.0	—	—	—	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

NATA accredited sampling commenced 4 April 2022 following startup of Googong WTP on 30 March 2022. Sampling ended on 23 May 2022 following shutdown of Googong WTP on 9 May 2022.