

December 2020 Meaningful Summary - Statistics from Licenced Discharge Points

Pollutant	Units	Monitoring Frequency	Detection Limit	Statistics for December of 2020					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	0.06	0.10	0.09	0.15	—	—	0	no exceedances
Chlorine (Free Residual)	mg/L	Special A	0.03	4	<0.03	0.02	<0.03	0.03	—	0.1	0	no exceedances
pH	pH	Special A	—	4	6.80	7.22	7.17	7.73	6.5	8.5	0	no exceedances
Total Suspended Solids	mg/L	Special A	2	4	<2	<2	<2	<2	—	10	0	no exceedances
Turbidity	NTU	Special A	0.3	4	0.50	0.68	0.70	0.80	—	—	0	no exceedances
Point 2		Ambient Monitoring of Queanbeyan River										
Turbidity	NTU	Special C	0.3	0	—	—	—	—	—	—	0	no sampling required
Point 3		Discharge from Clear Water Storage										
Chlorine (Free Residual)	mg/L	Special B	0.03	0	—	—	—	—	—	0.1	0	no sampling required
pH	pH	Special B	—	0	—	—	—	—	6.5	8.5	0	no sampling required
Total Suspended Solids	mg/L	Special B	2	0	—	—	—	—	—	10	0	no sampling required
Turbidity	NTU	Special B	0.3	0	—	—	—	—	—	5	0	no sampling required
Point 4		Ambient Monitoring of Googong Creek										
Turbidity	NTU	Special C	0.3	0	—	—	—	—	—	—	0	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

Only a limited sampling program was required in December 2020 as Googong Water Treatment plant ceased operating. There were no exceedances.