

## November 2020 Meaningful Summary - Statistics from Licenced Discharge Points

Pollutant	Units	Monitoring Frequency	Detection Limit	Statistics for November of 2020					Limits		Exceedances	
				Count	Min.	Mean	Median	Max.	Min.	Max.	Count	Comments
<b>Point 1</b>		<b>Discharge from Sludge Drying Beds</b>										
Aluminium	mg/L	Special A	0.02	5	0.16	1.25	0.39	4.74	—	—	0	no exceedances
Chlorine (Free Residual)	mg/L	Special A	0.03	5	<0.03	0.02	<0.03	0.03	—	0.1	0	no exceedances
pH	pH	Special A	—	5	6.92	7.28	7.43	7.52	6.5	8.5	0	no exceedances
Total Suspended Solids	mg/L	Special A	2	5	<2	8.60	4.00	30.00	—	10	1	due to operation of new drying bed
Turbidity	NTU	Special A	0.3	5	1.10	7.68	5.90	21.20	—	—	0	rainfall caused high turbidity
<b>Point 2</b>		<b>Ambient Monitoring of Queanbeyan River</b>										
Turbidity	NTU	Special C	0.3	0	—	—	—	—	—	—	0	no sampling required
<b>Point 3</b>		<b>Discharge from Clear Water Storage</b>										
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
<b>Point 4</b>		<b>Ambient Monitoring of Googong Creek</b>										
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

Extended rainfall during November caused higher than usual turbidity readings on several occasions.

Operation of new drying bed, with a new sand and media layer, caused an exceedance of Total Suspended Solids on the 30th of November. It is expected that it will take at most two weeks for the new drying bed layers to fully mature and that the results will drop back below the limits during that time.

# November 2020 Meaningful Summary - Exceedances from Licensed Discharge Points

Sample Point	Pollutant	Value	Units	Sampled Date	Comment
Point 1	Total Suspended Solids	30	mg/L	30-11-20 12:45	due to new drying bed being operated for the first time