



## DUNGOG WATER TREATMENT PLANT - OCTOBER MONTHLY POLLUTION MONITORING SUMMARY

Environment Protection Licence No. 2863  
 Date Obtained: 3 November 2017  
 Date Published: 15 November 2017

Licensee  
 Hunter Water Corporation  
 36 Honeysuckle Drive  
 NEWCASTLE WEST NSW 2302

### QUALITY MONITORING

EPA Id. No. 1 Site Code 1610116		Site Description - Sludge Lagoon 1 Outlet Pit											
Pollutant	Unit of Measurement	Sampling Frequency	No. of times measured during the month for licence reporting	Monthly Summary 01 October 2017 to 31 October 2017									Within Limits
				Minimum	Mean Value	Median Value	Maximum	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual		
Aluminium (Soluble)	milligrams per litre	Monthly	1	0.0070	0.0070	0.0070	0.0070	N/A	N/A	TBD	N/A	N/A	
Chlorine	milligrams per litre	Monthly	1	<0.10	<0.10	<0.10	<0.10	N/A	N/A	TBD	N/A	N/A	
Fluoride	milligrams per litre	Monthly	1	0.12	0.12	0.12	0.12	N/A	N/A	TBD	N/A	N/A	
Iron	milligrams per litre	Monthly	1	10.800	10.800	10.800	10.800	N/A	N/A	N/A	N/A	N/A	
Manganese	milligrams per litre	Monthly	1	7.800	7.800	7.800	7.800	N/A	N/A	N/A	N/A	N/A	
pH	milligrams per litre	Monthly	1	6.69	6.69	6.69	6.69	N/A	N/A	TBD	N/A	N/A	
Total Suspended Solids	milligrams per litre	Monthly	1	1	1	1	1	N/A	N/A	TBD	N/A	N/A	

EPA Id. No. 2 Site Code 1610117		Site Description - Sludge Lagoon 2 Outlet Pit											
Pollutant	Unit of Measurement	Sampling Frequency	No. of times measured during the month for licence reporting *	Monthly Summary 01 October 2017 to 31 October 2017									Within Limits
				Minimum	Mean Value	Median Value	Maximum	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual		
Aluminium (Soluble)	milligrams per litre	Monthly	-	-	-	-	-	N/A	N/A	TBD	N/A	N/A	
Chlorine	milligrams per litre	Monthly	-	-	-	-	-	N/A	N/A	TBD	N/A	N/A	
Fluoride	milligrams per litre	Monthly	-	-	-	-	-	N/A	N/A	TBD	N/A	N/A	
Iron	milligrams per litre	Monthly	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A	
Manganese	milligrams per litre	Monthly	-	-	-	-	-	N/A	N/A	N/A	N/A	N/A	
pH	milligrams per litre	Monthly	-	-	-	-	-	N/A	N/A	TBD	N/A	N/A	
Total Suspended Solids	milligrams per litre	Monthly	-	-	-	-	-	N/A	N/A	TBD	N/A	N/A	

\* No samples collected as no discharge.

EPA Id. No. 3 Site Code 1610111		Site Description - Stormwater culvert at boundary of plant on the north side of Wade Street											
Pollutant	Unit of Measurement	Sampling Frequency	No. of times measured during the month for licence reporting	Monthly Summary 01 October 2017 to 31 October 2017									Within Limits
				Minimum	Mean Value	Median Value	Maximum	3DGM Limit	3DGM Actual	100%ile Limit	100%ile Actual		
Aluminium (Soluble)	milligrams per litre	Monthly	1	<0.005	<0.005	<0.005	<0.005	N/A	N/A	TBD	N/A	N/A	
Chlorine	milligrams per litre	Monthly	1	<0.10	<0.10	<0.10	<0.10	N/A	N/A	TBD	N/A	N/A	
Fluoride	milligrams per litre	Monthly	1	0.18	0.18	0.18	0.18	N/A	N/A	1.5	0.18	Yes	
Iron	milligrams per litre	Monthly	1	0.737	0.737	0.737	0.737	N/A	N/A	N/A	N/A	N/A	
Manganese	milligrams per litre	Monthly	1	1.790	1.790	1.790	1.790	N/A	N/A	N/A	N/A	N/A	
pH	milligrams per litre	Monthly	1	7.08	7.08	7.08	7.08	N/A	N/A	6.5 - 8.5	7.08 - 7.08	Yes	
Total Suspended Solids	milligrams per litre	Monthly	1	<1	<1	<1	<1	N/A	N/A	50.0	<1	Yes	