



**NARRABRI SEWAGE TREATMENT PLANT - 2020/2021 Pollution Monitoring Data**

Environment Protection Licence No. 200

Anniversary date: 01 August

Version date: 13-Sep 2013

**Licensee**

Narrabri Shire Council

PO BOX 261

Narrabri NSW 2390

>219-1000ML Discharge (Small Plant)

Monthly Summary	Biochemical Oxygen Demand (mg/L)	Faecal Coliforms (CFU/100mL)	Total Suspended Solids (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Conductivity (µS/cm)	Magnesium(mg/L)	Nitrate + nitrite NOx (oxidised nitrogen) (mg/L)	Nitrogen (ammonia) (mg/L)	Nitrogen (total) (mg/L)	Oil and Grease (mg/L)	pH (pH unit)	Phosphorus (mg/L)	Sodium (mg/L)	Sodium Adsorption Ratio	Total dissolved solids (mg/L)	Total Kjeldahl as Nitrogen (mg/L)	Nitrate as N (NO3)	Nitrite as N (NO2)
Jul-20	<2	4	49	-	-	1420	-	4.49	14	21.8	7	7.9	4.88	-	-	-	17.3	3.85	0.64
Aug-20	10	240	20	-	-	1130	-	11.7	6.39	22.7	<5	8.8	5.3	-	-	-	11	10.6	1.08
Sep-20	5	290	17	9	87	1160	4	11.2	3.64	20.7	8	8.9	5.87	211	14.7	652	9.5	10.1	1.07
Oct-20	15	5000	31	-	-	1100	-	5.6	5.6	5.06	<5	8.8	8.8	5.42	-	-	7.5	4.29	1.31
Nov-20	8	160	51	-	-	1080	-	3.3	5.93	13.1	<5	8	5.62	-	-	-	9.8	2.8	0.5
Dec-20	5	80	93	12	111	1110	5	0.74	1.97	6.5	<5	8.2	6.73	228	13.9	732	5.8	0.39	0.35
Jan-21	5	350	35	-	-	1160	-	2.6	0.37	7.8	<5	9.2	4.39	-	-	-	5.2	2.05	0.55
Feb-21	<2	1100	73	-	-	1310	-	1.01	0.57	10.8	6	9.6	5.53	-	-	-	9.8	0.68	0.33
Mar-21	14	150	72	11	84	1120	5	5.58	0.04	17.3	<5	9.7	4.63	251	15.8	675	11.7	4.07	0.88
Apr-21	25	440	16	-	-	1070	-	5.51	0.25	9	<5	8.5	4.3	-	-	-	3.5	3.37	2.14
May-21	3	410	14	-	-	1230	-	9.93	0.27	13.6	5	8.9	4.1	-	-	-	3.7	8.17	1.76
Jun-21	3	180	8	8	96	1340	3	8.84	3.2	15.6	<5	8.2	4.47	240	18.4	849	6.8	8.03	0.81
Lowest Sample Value	3	4	8	8	84	1070	3	0.74	0.04	5.06	5	7.9	4.1	5.42	13.9	652	3.5	0.39	0.33
Mean of Samples	9.3	700.3333333	39.91666667	10	94.5	1185.833333	4.25	5.875	3.519166667	13.66333333	6.5	8.725	5.385	187.084	15.7	727	8.466666667	4.866666667	0.951666667
Highest Sample Value	25	5000	93	12	111	1420	5	11.7	14	22.7	8	9.7	8.8	251	18.4	849	17.3	10.6	2.14
Number of Samples Collected	12	12	12	4	4	12	4	12	12	12	12	12	12	4	4	4	12	12	12
Number of Samples Required	12	12	12	4	4	12	4	12	12	12	12	12	12	4	4	4	12	12	12