

EPA licence number	836
Licence web link	http://www.narrandera.nsw.gov.au/cp_content/resources/Environment%20Protection%20Licence.pdf
Licencee	Narrandera Shire Council
Licencee's address	141 East Street NARRANDERA NSW 2700
Monitoring point	1
Sampling frequency	Monthly

INLET DATA

Sample date	Data Received	Data published	BOD Biochemical Oxygen Demand mg/L	pH pH units	Susp.Solids mg/L	T.Diss Solids mg/L	Tot.Phosp (asP) mg/L P	Total Nitrogen mg/L N
23/01/2019	24/01/2019	5/02/2019	108	4.44	236	506	6.64	48.8
12/02/2019	13/02/2019	22/08/2019	73	7.38	170	507	7.56	61
12/03/2019	13/03/2019	22/08/2019	136	7.29	164	671	6.08	50.2
9/04/2019	10/04/2019	22/08/2019	133	7.38	174	699	6.55	52.6
8/05/2019	9/05/2019	22/08/2019	232	7.31	364	737	7.52	58
5/06/2019	6/06/2019	22/08/2019	115	7.34	134	631	4.52	38.6
6/08/2019	7/08/2019	22/08/2019	306	7.31	404	703	8.52	57.6
25/09/2019	26/09/2019	10/10/2019	174	7.27	88	726	5.7	45.6
25/10/2019	26/10/2019	7/11/2019	235	7.34	176	712	6.76	54.4
12/11/2019	13/11/2019	13/02/2020	280	7.47	215	718	7.58	57.8
14/01/2020	16/01/2020	13/02/2020	216	7.46	155	653	6.95	53.5
Licence Limit			N/A	N/A	N/A	N/A	N/A	N/A

OUTLET DATA

Sample date	Data Received	Data published	Ammonia (asN) mg/L N	BOD Biochemical Oxygen Demand mg/L	Chlorophyll 'a' ug/L	Conductivity SpC uS/cm	Corr Susp Solid mg/L	Diss. Calcium mg/L	Diss. Magnesium mg/L	Diss. Sodium mg/L	Faecal Coliform Env. Pres_Count CFU/100mL	Faecal Coliform Env. Conf_Count CFU/100mL	Nitrate (asN) mg/L N	Nitrite (asN) mg/L N	pH pH units	Sodium Adsorp.R Ratio	Susp.Solids mg/L	T.Diss Solids TDS mg/L	T.Kjel.N (calc) TKN_calc mg/L N	T.Oxid Nit(asN) Oxidised_N (NOx) (Nitrite plus Nitrate) mg/L N	Tot Oil & Grease mg/L	Tot.Phosp (asP) Total_P mg/L P	Total Nitrogen Total_N mg/L N	Flow kL
23/01/2019	24/01/2019	5/02/2019	2.5	<2	76.6	1000	<2	18.5	19.1	140	180	180	0.14	0.05	7.8	5.46	10	536	3.51	0.19	<1	0.56	3.7	1098
12/02/2019	13/02/2019	22/08/2019	1.2	4	75.8	926	<2	18.8	19.2	146	44	44	0.5	0.12	7.89	5.64	9	518	2.14	0.62	<1	0.41	2.76	929
12/03/2019	13/03/2019	22/08/2019	2.6	3	60	1220	3	22.1	24.3	195	196	196	0.3	0.14	7.84	6.81	9	707	3.16	0.44	<1	0.49	3.6	763
9/04/2019	10/04/2019	22/08/2019	1.4	<2	67.2	1180	3	22.3	26.8	172	110	110	1.04	0.15	7.91	5.8	10	690	2.35	1.19	<1	0.4	3.54	731
8/05/2019	9/05/2019	22/08/2019	1.3	<2	27.3	1160	2	23	28.1	157	2	2	1.26	0.14	7.55	5.20	5	623	2.1	1.4	<1	0.27	3.5	951
5/06/2019	6/06/2019	22/08/2019	2.1	2	10.3	1240	4	26.7	29.1	149	148	148	1.75	0.2	7.29	4.76	5	689	2.87	1.95	<1	0.26	4.82	1195
6/08/2019	7/08/2019	22/08/2019	1.7	<2	1.48	1140	4	23.9	26.5	175	<2	<2	2.94	0.09	7.66	5.86	4	668	2.08	3.03	<1	0.19	5.11	787
25/09/2019	26/09/2019	10/10/2019	9	2	0.41	1260	5	24.3	26.2	182	16	12	0.77	0.18	7.78	6.11	5	715	9.96	0.94	<1	0.37	10.9	1044
25/10/2019	26/10/2019	7/11/2019	2.6	<2	9.94	1010	6	22.8	23.5	151	<2	<2	0.6	0.07	7.77	5.3	7	602	3.5	0.67	<1	0.46	4.17	806
12/11/2019	13/11/2019	13/02/2020	2.7	5	18.7	1210	5	23.3	26.3	162	8	8	0.68	0.1	8.02	5.46	6	673	3.68	0.79	<1	0.82	4.47	988
14/01/2020	16/01/2020	13/02/2020	3	4	121	1040	<2	22.6	23.7	149	144	144	0.43	0.06	7.67	5.24	11	625	4.03	0.49	<1	0.52	4.52	791
Licence Limit			N/A	20	N/A	N/A	N/A	N/A	N/A	N/A	200	200	N/A	N/A	6.5-8.5	N/A	30	N/A	N/A	N/A	10	1	N/A	N/A

COMMENTARY

23/01/2019	Normal inlet and outlet results.
12/02/2019	Normal inlet and outlet results.
12/03/2019	Normal inlet and outlet results.
9/04/2019	Normal inlet and outlet results.
8/05/2019	Normal inlet and outlet results.
5/06/2019	Normal inlet and outlet results.
6/08/2019	Normal inlet and outlet results.
25/09/2019	Normal inlet and outlet results.
25/10/2019	Normal inlet and outlet results.
12/11/2019	Normal inlet and outlet results.
14/01/2020	Normal inlet and outlet results. Elevated Chlorophyll 'a' indicative of increased algal growth due to warmer sunnier weather. Increased suspended solids and increased Faecal Coliform count indicative of algal growth.