

Summary of monthly discharge measurements for the licence period 1st April 2021 to 31st March 2022

Uralla STP Final		Licence Period 1 April 2021 to 31 March 2022													Licence Period 1 April 2021 to 31 March 2022				Special conditions				
Parameter/month	Licence	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Minimum	Average	Maximum	90th percentile	Parameter	Jun-Sep	Oct-May			
Sample date	Limits	29-Apr	30-May	29-Jun	29-Jul	30-Aug	30-Sep	28-Oct	30-Nov	30-Dec	31-Jan	28-Feb	31-Mar						Licence	90th %ile	Licence	90th %ile	
BOD5	mg/L	15	5.3	2.4	3	3	1.7	2.7	1.8	2	1.5	2.7	3	2.7	1.5	2.6	5.3	3.0	BOD5	15	3.0	15	3.7
TSS	mg/L	20	5	5	10	8	5	7.5	1	3	3	3	8	3	1	5	10	8	TSS	20	9.4	20	5.9
TOG	mg/L	10	<5	<5	<2	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	TOG	10	<5	10	<5
pH		6.5-8.5	7.33	7.3	7.24	7.25	7.14	6.9	6.93	7.42	7.43	7.18	7.1	7.2	6.90	7.20	7.43	7.4	pH	6.5-8.5	7.25	6.5-8.5	7.42
NH3-N	mg/L	1	0.76	0.9	2.33	0.85	1.39	0.61	0.93	0.32	0.96	0.84	1.49	0.68	0.32	1.01	2.33	1.5	NH3-N	5	2.05	1	1.1
NOx-N	mg/L	no limit	1.92	0.25	0.78	0.65	1.66	0.89	0.56	0.62	0.7	0.96	1.34	0.79	0.25	0.93	1.92	1.6	NOx-N				
TKN	mg/L	no limit	3.88	2.15	3.7	1.25	3.14	5.31	3.34	1.88	2.2	2.94	0.96	2.41	0.96	2.76	5.31	3.9	TKN				
TN	mg/L	10	5.9	2.4	4.5	1.9	4.8	6.2	3.9	2.5	2.9	3.9	2.3	3.2	1.90	3.70	6.20	5.8	TN	15	5.8	10	4.5
TP	mg/L	1	0.13	0.058	0.28	0.18	0.09	0.07	0.06	0.216	0.09	0.22	0.14	0.06	0.06	0.13	0.28	0.2	TP	1	0.25	1	0.22
ortho-P	mg/L	no limit	0.067	0.02	0.089	0.01	0.062	0.014	0.04	0.16	0.012	0.078	0.117	0.105	0.01	0.06	0.16	0.1	ortho-P				
Aluminium	mg/L	no limit	<0.005	0.019	<0.005	0.108	0.23	<0.005	<0.005	0.114	<0.005	<0.005	0.052	0.123	0.02	0.11	0.23	0.2	Aluminium				
EC	uS/cm	no limit	758	525	686	526	479	721	690	438	541	642	702	443	438	596	758	719	EC				
FC	cfu/100 ml	200	<1	<1	<1	1	<1	<1	<1	4	<1	<1	<1	8	1	4	8	7	FC	200	1	200	8
lower 90th percentile limit OCT-MAY, upper 90th percentile limit JUN-SEP														Note: 90th percentile lower limit OCT-MAY, 90th percentile upper limit JUN-SEP									
														All units mg/L, except pH (units); EC uS/cm; FC cfu/100 mL									
														Note: FC as zero is actually <1 cfu/100 mL									

Note: The licence limits are imposed upon two seasonal conditions, referred to as ‘special conditions’: JUN-SEP for colder months and OCT-MAY for other months.

Licence conformance is based upon 90th percentile value for each ‘special conditions’ period.