

Uralla - Monthly Monitoring Results

Licence Nos. 1626 (STP), 1629 (WTP)

Uralla Council - 2024/25		Analysis performed by Lanfax Laboratories, Armidale												Licence Period 1 April 2024 to 31 March 2025				Licence Period 1 April 2024 to 31 March 2025							
Uralla Water Treatment Works - Lic. 1629														Licence Period 1 April 2024 to 31 March 2025				Licence Period 1 April 2024 to 31 March 2025							
Parameter/month	Licence	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Minimum	Average	Maximum	100th	Parameter							
Sample date	Limits	30-Apr	31-May	26-Jun	31-Jul	30-Aug	30-Sep	31-Oct	29-Nov	30-Dec	30-Jan	28-Feb	28-Mar				percentile								
BOD5	mg/L	20	4.4	6	0.9	1.1	2.3	2	1.4	8.7	2	9.3	5	6.15	0.9	4.1	9.3	9.3	BOD5						
TSS	mg/L	30	3	5	5	25	10	3	13	15	3	16.7	17	17	3	11	25	25.0	TSS						
TOG	mg/L	n.t.	not tested	not tested	not tested	not tested	not tested	no test	no test	no test	no test	no test	no test	no test					TOG						
pH		6.5-8.5	7.32	7.77	6.97	6.82	6.77	6.7	7.30	6.76	7.46	7.5	7.66	7.46	6.70	7.21	7.77	7.8	pH						
NH3-N	mg/L	n.t.	not tested	not tested	not tested	not tested	not tested	no test	no test	no test	no test	no test	no test	no test											
NOx-N	mg/L	n.t.	not tested	not tested	not tested	not tested	not tested	no test	no test	no test	no test	no test	no test	no test											
TKN	mg/L	n.t.	not tested	not tested	not tested	not tested	not tested	no test	no test	no test	no test	no test	no test	no test											
TN	mg/L	n.t.	not tested	not tested	not tested	not tested	not tested	no test	no test	no test	no test	no test	no test	no test											
TP	mg/L	n.t.	not tested	not tested	not tested	not tested	not tested	no test	no test	no test	no test	no test	no test	no test											
ortho-P	mg/L	n.t.	not tested	not tested	not tested	not tested	not tested	no test	no test	no test	no test	no test	no test	no test											
Aluminium	mg/L	no limit	<0.005	<0.005	<0.005	0.03	<0.005	0.02	0.009	<0.005	0.023	0.056	0.037	0.033	0.01	0.03	0.06	0.1	Aluminium						
EC	uS/cm	no limit	681	596	488	391	378	458	465	488	506	519	563	582	378	510	681	681	EC						
Uralla Sewage Treatment Plant - Lic. 1626														Licence Period 1 April 2024 to 31 March 2025				Licence Period 1 April 2024 to 31 March 2025				Special conditions			
Parameter/month	Licence	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Minimum	Average	Maximum	90th	Parameter	Jun-Sep		Oct-May				
Sample date	Limits	30-Apr	31-May	26-Jun	31-Jul	30-Aug	30-Sep	31-Oct	29-Nov	30-Dec	30-Jan	28-Feb	28-Mar				percentile		Licence	90th %ile	Licence	90th %ile			
BOD5	mg/L	15	1.5	3.3	2.7	3.3	4.5	3.3	4.4	8.9	1.7	7.8	5.7	4.5	1.5	4.3	8.9	7.6	BOD5	15	4.1	15	8.1		
TSS	mg/L	20	3	5	5	15	20	15	8	13.3	3	13.3	18	20	3	12	20	20	TSS	20	18.5	20	18.6		
TOG	mg/L	10	<10	<10	<10	<10	<10	<10	<10	<2	<10	<10	<10	<10	<5	<5	<5	<5	TOG	10	<5	10	<5		
pH		6.5-8.5	8	6.96	6.43	6.68	6.57	6.26	6.67	6.76	7.84	6.53	7.37	7.94	6.26	7.00	8.00	7.9	pH	6.5-8.5	6.65	6.5-8.5	7.96		
NH3-N	mg/L	1	0.75	0.99	1.16	2.41	0.67	2.17	0.76	0.82	1.01	1.27	0.81	0.15	0.15	1.08	2.41	2.1	NH3-N	5	2.34	1	1.1		
NOx-N	mg/L	no limit	0.39	1.03	1.31	1.21	0.57	1.35	1.42	1.03	1.21	0.86	3.37	1.29	0.39	1.25	3.37	1.4	NOx-N						
TKN	mg/L	no limit	2.31	2.97	2.69	3.89	3.53	3.55	3.28	1.77	1.19	5.14	1.53	3.2	1.19	2.92	5.14	3.9	TKN						
TN	mg/L	10	2.7	4	4	5.1	4.1	4.9	4.7	2.8	2.4	6	4.9	4.5	2.40	4.18	6.00	5.1	TN	15	5.0	10	5.2		
TP	mg/L	1	0.08	0.15	0.05	0.15	0.13	0.13	0.07	0.21	0.09	0.38	0.27	0.64	0.05	0.20	0.64	0.4	TP	1	0.14	1	0.46		
ortho-P	mg/L	no limit	0.01	0.044	0.045	0.025	0.06	0.05	0.005	0.072	0.043	0.1	0.036	0.202	0.01	0.06	0.20	0.1	ortho-P						
Aluminium	mg/L	no limit	0.017	<0.005	0.006	0.05	0.005	0.009	0.017	0.003	0.014	<0.005	0.002	0.067	0.00	0.02	0.07	0.1	Aluminium						
EC	uS/cm	no limit	810	1058	854	611	763	857	872	849	650	950	921	914	611	842	1058	947	EC						
FC	cfu/100 ml	200	1	<1	<1	<1	1	32	1	10	280	500	2	18	1	94	500	324	FC	200	28.9	200	368		
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: this page is updated monthly