

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 percentile	Parameter					
Sample date	Limits	30-Apr	31-May	26-Jun	31-Jul	30-Aug	30-Sep																
BOD5	mg/L	20	4.4	6	0.9	1.1	2.3	2						0.9	2.8	6.0	6.0	BOD5					
TSS	mg/L	30	3	5	5	25	10	3						3	9	25	25.0	TSS					
TOG	mg/L	n.t.	not tested	not tested	not tested	not tested	not tested	not tested										TOG					
pH		6.5-8.5	7.32	7.77	6.97	6.82	6.77	6.7						6.70	7.06	7.77	7.8	pH					
NH3-N	mg/L	n.t.	not tested	not tested	not tested	not tested	not tested	not tested															
NOx-N	mg/L	n.t.	not tested	not tested	not tested	not tested	not tested	not tested															
TKN	mg/L	n.t.	not tested	not tested	not tested	not tested	not tested	not tested															
TN	mg/L	n.t.	not tested	not tested	not tested	not tested	not tested	not tested															
TP	mg/L	n.t.	not tested	not tested	not tested	not tested	not tested	not tested															
ortho-P	mg/L	n.t.	not tested	not tested	not tested	not tested	not tested	not tested															
Aluminium	mg/L	no limit	<0.005	<0.005	<0.005	0.03	<0.005	0.02						0.02	0.03	0.03	0.0	Aluminium					
EC	uS/cm	no limit	681	596	488	391	378	458						378	499	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 percentile	Parameter	Jun-Sep		Oct-May		
Sample date	Limits	30-Apr	31-May	26-Jun	31-Jul	30-Aug	30-Sep												Licence	90th %ile	Licence	90th %ile	
BOD5	mg/L	15	1.5	3.3	2.7	3.3	4.5	3.3						1.5	3.1	4.5	3.9	BOD5	15	4.1	15	3.1	
TSS	mg/L	20	3	5	5	15	20	15						3	11	20	18	TSS	20	18.5	20	4.8	
TOG	mg/L	10	<10	<10	<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						6.26	6.82	8.00	7.5	pH	6.5-8.5	6.65	6.5-8.5	7.90	
NH3-N	mg/L	1	0.75	0.99	1.16	2.41	0.67	2.17						0.67	1.36	2.41	2.3	NH3-N	5	2.34	1	1.0	
NOx-N	mg/L	no limit	0.39	1.03	1.31	1.21	0.57	1.35						0.39	0.98	1.35	1.3	NOx-N					
TKN	mg/L	no limit	2.31	2.97	2.69	3.89	3.53	3.55						2.31	3.16	3.89	3.7	TKN					
TN	mg/L	10	2.7	4	4	5.1	4.1	4.9						2.70	4.13	5.10	5.0	TN	15	5.0	10	3.9	
TP	mg/L	1	0.08	0.15	0.05	0.15	0.13	0.13						0.05	0.12	0.15	0.2	TP	1	0.14	1	0.14	
ortho-P	mg/L	no limit	0.01	0.044	0.045	0.025	0.06	0.05						0.01	0.04	0.06	0.1	ortho-P					
Aluminium	mg/L	no limit	0.017	<0.005	0.006	0.05	0.005	0.009						0.01	0.02	0.05	0.0	Aluminium					
EC	uS/cm	no limit	810	1058	854	611	763	857						611	826	1058	958	EC					
FC	cfu/100 ml	200	1	<1	<1	<1	1	32						1	11	32	26	FC	200	28.9	200	1	
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