

Water Treatment Plant - Analytical Results

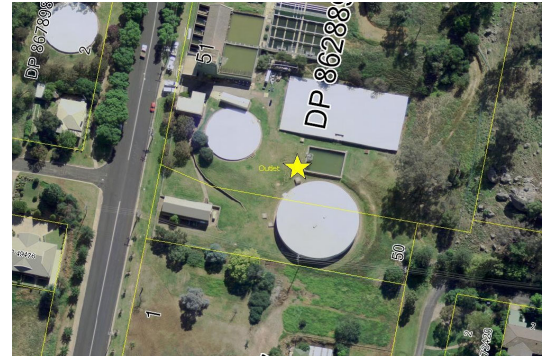


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See link above for full licence details

Licensee Name Cowra Shire Council
Licensee Address Private Bag 342, Cowra NSW 2794
Location of Monitoring Point CWTP - Brisbane Street, COWRA NSW 2794, LOT 50DP 86289, LOT 51DP 86289
Scheduled Activity Water Treatment Plant- Miscellaneous licenced discharge to waters (at any time)
Scale > 100 -1000 ML discharged
Unit/s of Measure Listed below
Monitoring points Outlet into stormwater drain discharging to Lachlan River
Date Published 22/03/2022
Frequency of Monitoring Monthly during
Volume & Mass Limit 1200KL per day
Link to Latest Weather Observations for Cowra



<http://www.bom.gov.au/climate/dwo/IDCJDW2038.latest.shtml>

* Note: Flow data is daily discharge, figures reported correspond with the monthly samples for other licence parameters

Unit of measure	pH	mg/L	mg/L	mg/L	mg/L N	uS/cm	kL/day *
Date	pH	Suspended Solids	Total Oil & Grease	BOD	Total Aluminium	Electrical Conductivity	Flow
1-Mar-09	0.0	0.0	0.0	0.0	0.00		0
1-Apr-09	0.0	0.0	0.0	0.0	0.00		0
21-May-09	8.0	<2	<1	<2	0.34		32
18-Jun-09	8.0	2.0	<1	<2	0.33		32
16-Jul-09	7.9	<2	<1	<2	0.31		32
20-Aug-09	8.3	3.0	<1	<2	0.28		32
17-Sep-09	7.9	3.0	<1	<2	0.31		32
14-Oct-09	7.9	2.0	<1	<2	0.21		32
19-Nov-09	7.9	8.0	<1	<2	0.34		32
16-Dec-09	7.9	8.0	<1	2.0	0.30		32
21-Jan-10	7.7	3.0	<1	<2	0.41		32
18-Feb-10	7.7	9.0	<1	<2	0.62		32
18-Mar-10	7.9	7.0	<1	<2	0.30		32
3-May-10	8.0	11.0	<1	<2	0.66		32
20-May-10	7.9	7.0	<1	<2	0.58		32
17-Jun-10	7.9	6.0	<1	2.0	0.57		32
15-Jul-10	8.0	4.0	<1	<2	0.36		32
19-Aug-10	7.7	15.0	<1	<2	0.76		32
30-Sep-10	7.9	11.0	<1	<2	0.70		32
21-Oct-10	7.7	16.0	<1	<2	1.70		32
11-Nov-10	8.0	14.0	<1	<2	1.70		32
16-Dec-10	8.4	10.0	<1	<2	0.34		32
24-Jan-11	8.2	7.0	<1	<2	0.32		32
17-Feb-11	8.1	12.0	<1	<2	0.63		32
17-Mar-11	8.1	4.0	<1	<2	0.45		32
2-May-11	8.1	4.0	<1	<2	0.53		32
19-May-11	8.1	4.0	<1	<2	0.43		32
16-Jun-11	8.0	2.0	<1	<2	0.32		32
22-Jul-11	8.0	4.0	<1	<2	0.46		32
18-Aug-11	8.0	3.0	<1	<2	0.42		32
15-Sep-11	7.9	3.0	<1	<2	0.35		32
24-Oct-11	7.6	3.0	<1	<2	0.28		32
24-Nov-11	8.0	4.0	<1	<2	0.48		32
14-Dec-11	7.9	4.0	<1	<2	0.36		32
20-Jan-12	8.0	2.0	<1	<2	0.39		32
21-Feb-12	7.8	7.0	<1	<2	0.82		32
19-Mar-12	8.0	7.0	1.0	<2	1.10		32
20-Apr-12	8.0	7.0	<1	<2	1.30		32
17-May-12	8.0	4.0	<1	<2	0.88		32
21-Jun-12	7.9	5.0	<1	<2	1.30		32
19-Jul-12	8.2	3.0	<1	<2	0.46		32
17-Aug-12	8.1	7.0	<1	<2	1.30		32
20-Sep-12	8.1	8.0	<1	<2	0.90		32
19-Oct-12	8.1	3.0	<1	<2	0.49		32
Unit of measure	pH	mg/L	mg/L	mg/L	mg/L N	uS/cm	kL/day *
Date	pH	Suspended Solids	Total Oil & Grease	BOD	Total Aluminium	Electrical Conductivity	Flow
Limit	6.5-.8.5	50	10	20	2		
19-Nov-12	7.8	4.0	<1	<2	0.45		32
19-Dec-12	7.3	<2	<1	<2	0.13		200
21-Jan-13	7.4	<2	<1	<2	0.24		200
24-Feb-13	7.7	<2	<1	<2	0.04		50
19-Mar-13	7.5	<2	<1	<2	0.06		50
23-Apr-13	7.4	<2	<1	<2	0.10		50

24-May-13	7.4	<2	<1	<2	0.07	50
24-Jun-13	7.7	<2	<1	<2	0.11	50
15-Jul-13	7.8	<2	<1	<2	0.08	50
19-Aug-13	7.8	<2	<1	<2	0.06	50
16-Sep-13	7.7	<2	<1	<2	0.51	50
22-Oct-13	7.7	<2	<1	<2	0.97	50
18-Nov-13	7.7	<2	<1	<2	0.25	50
1-Dec-13	No sample	0.0	No sample	0.0	0.00	50
20-Jan-14	No sample	0.0	No Sample	0.0	0.00	50
25-Feb-14	7.8	<2	<1	<2	0.33	50
18-Mar-14	7.9	6.0	<1	<2	0.99	50
30-Apr-14	7.7	4.0	1.0	2.0	0.57	50
7-May-14	7.9	2.0	1.0	2.0	0.18	50
19-Jun-14	7.8	<2	<1	<2	0.27	50
1-Jul-14	8.0	<2	<1	<2	0.15	50
7-Aug-14	7.9	<2	<1	<2	0.38	50
30-Sep-14	8.0	<2	<1	<2	0.33	50
14-Oct-14	8.0	31.0	<1	<2	4.34	50
26-Nov-14	7.9	37.0	<1	<2	5.27	50
10-Dec-14	7.7	920.0	<1	4.0	126.00	50
5-Jan-15	8.0	<2	<1	<2	0.20	50
2-Feb-15	7.8	132.0	<1	<2	17.50	50
3-Mar-15	8.0	3.0	<1	<2	0.57	411
8-Apr-15	7.8	5.0	<1	<2	0.90	411
3-May-15	7.9	<2	<1	<2	0.40	411
1-Jun-15	7.9	130.0	<1	<2	24.60	411
6-Jul-15	8.0	2.0	1.0	2.0	0.15	411
13-Aug-15	7.9	30.0	<1	<2	4.83	411
7-Sep-15	7.8	37.0	<1	<2	4.23	411
6-Oct-15	7.6	490.0	<1	<2	21.60	411
3-Nov-15	7.8	4.0	<1	<2	0.34	411
22-Dec-15	7.8	5.0	<1	<2	1.00	411
6-Jan-16	7.8	15.0	<1	<2	2.19	411
4-Feb-16	7.8	9.0	<1	<2	1.47	411
10-Mar-16	8.0	19.0	<1	<2	2.45	411
5-Apr-16	7.9	10.0	<1	<2	1.61	411
2-May-16	7.9	6.0	<1	<2	0.98	411
14-Jun-16	7.9	2.0	<1	<2	0.53	411
5-Jul-16	7.9	7.0	<1	<2	0.88	411
31-Aug-16	7.7	125.0	<1	<2	9.87	411
7-Sep-16	7.8	3.0	<1	<2	0.48	411
10-Nov-16	7.6	7.0	<1	<2	1.22	411
13-Dec-16	8.0	57.0	<1	<2	8.33	411
15-Feb-17	7.6	5.0	<1	<2	0.74	411
3-Apr-17	7.96	6.0	<1	<2	1.12	411
18-Apr-17	7.96	2.0	<1	<2	0.47	411
Note: Electrical Conductivity Added in Licence condition from April 2017						
2-May-17	7.96	<2	<1	<2	0.26	540
7-Jun-17	7.87	4.00	<1	<2	0.66	730
4-Jul-17	7.94	16.00	<1	<2	3.33	661
9-Aug-17	8.07	<2	<1	<2	0.18	983
6-Sep-17	7.93	<2	<1	<2	0.16	345
5-Oct-17	8.03	20.00	<1	<2	2.45	302
14-Nov-17	7.99	7.00	<1	<2	0.86	284
13-Dec-17	8.05	<2	<1	<2	0.10	438
9-Jan-18	7.86	<2	<1	<2	0.06	421
6-Feb-18	7.73	19.00	<1	<2	2.78	255
7-Mar-18	7.84	56.00	<1	2.00	7.21	280
10-Apr-18	7.98	22.00	<1	<2	3.64	270
15-May-18	7.99	2.00	<1	<2	0.39	292
12-Jun-18	8.05	<2	<1	<2	0.03	322
3-Jul-18	7.94	2.00	<1	<2	0.24	436
15-Aug-18	7.74	4.00	<1	<2	0.02	356
10-Sep-18	7.83	<2	<1	<2	0.02	362
17-Oct-18	7.88	4.00	<1	<2	1.04	No Reading provided on report
21-Nov-18	7.81	26.00	<1	<2	4.66	309
4-Dec-18	7.89	<2	<1	<2	0.40	328
8-Jan-19	7.92	<2	<1	<2	0.08	318
5-Feb-19	7.92	<2	<1	<2	0.34	319
4-Mar-19	7.95	<2	<1	<2	<0.02	346
2-Apr-19	7.91	5.00	<1	<2	0.04	456
7-May-19	7.74	3.00	<1	<2	0.37	343
2-Jun-19	7.82	4.00	<1	<2	0.57	350
4-Jul-19	7.79	7.00	<1	<2	1.49	377
6-Aug-19	7.90	<2	<1	<2	0.17	396
2-Sep-19	7.69	3.00	<1	<2	0.22	377
1-Oct-19	7.75	<2	<1	<2	0.25	360
4-Nov-19	8.07	2.00	<1	<2	0.30	328
3-Dec-19	6.90	31.00	<1	<2	5.49	No Result
6-Jan-20	8.05	3.00	<1	<2	0.29	375
3-Feb-20	8.15	5.00	<1	<2	0.48	345
17-Mar-20	7.63	94.00	<1	<2	11.60	392
1-Apr-20	8.14	6.00	<1	<2	0.70	418
6-May-20	8.00	4.00	<1	<2	0.50	635
2-Jun-20	8.11	10.00	<1	<2	0.08	678
6-Jul-20	8.05	5.00	<1	<2	0.70	714
4-Aug-20	7.79	4.00	<1	<2	0.53	681
8-Sep-20	7.99	<2	<1	<2	0.03	726
14-Oct-20	8.13	5.00	<1	<2	0.02	938
3-Nov-20	7.59	19.00	<1	<2	0.08	574
9-Dec-20	8.08	2.00	<1	<2	<0.02	313
5-Jan-21	7.29	<2	<1	<2	<0.02	284
2-Feb-21	7.99	11.00	<1	<2	0.08	274
2-Mar-21	7.38	2.00	<1	<2	0.25	310

6-Apr-21	7.83	7.00	<1	<2	0.95	660
5-May-21	7.48	18.00	<1	<2	0.36	336
9-Jun-21	7.65	27.00	<1	<2	4.30	553
7-Jul-21	7.34	<2	<1	<2	0.20	660
8-Aug-21	7.10	14.00	<1	<2	0.05	331
23-Aug-21	7.48	3.00	<1	<2	0.03	335
7-Sep-21	7.18	<2	<1	<2	0.01	313
7-Oct-21	7.15	3.00	<1	<2	0.02	375
Nov-21				No Sample		
22-Dec-21	7.11	5.00	<1	<2	0.72	343
11-Jan-22	7.50	<2	<1	<2	0.26	Not Sampled
24-Jan-22	7.95	8.00	<1	<2	1.20	452
9-Feb-22	7.78	<2	<1	<2	0.08	330
22-Feb-22	8.07	6.00	<1	<2	0.77	496
2-Mar-22	7.98	6.00	<1	<2	0.44	371

2022-23

Number	1	1	1	1	1	1
Minimum						
Mean						
Maximum						