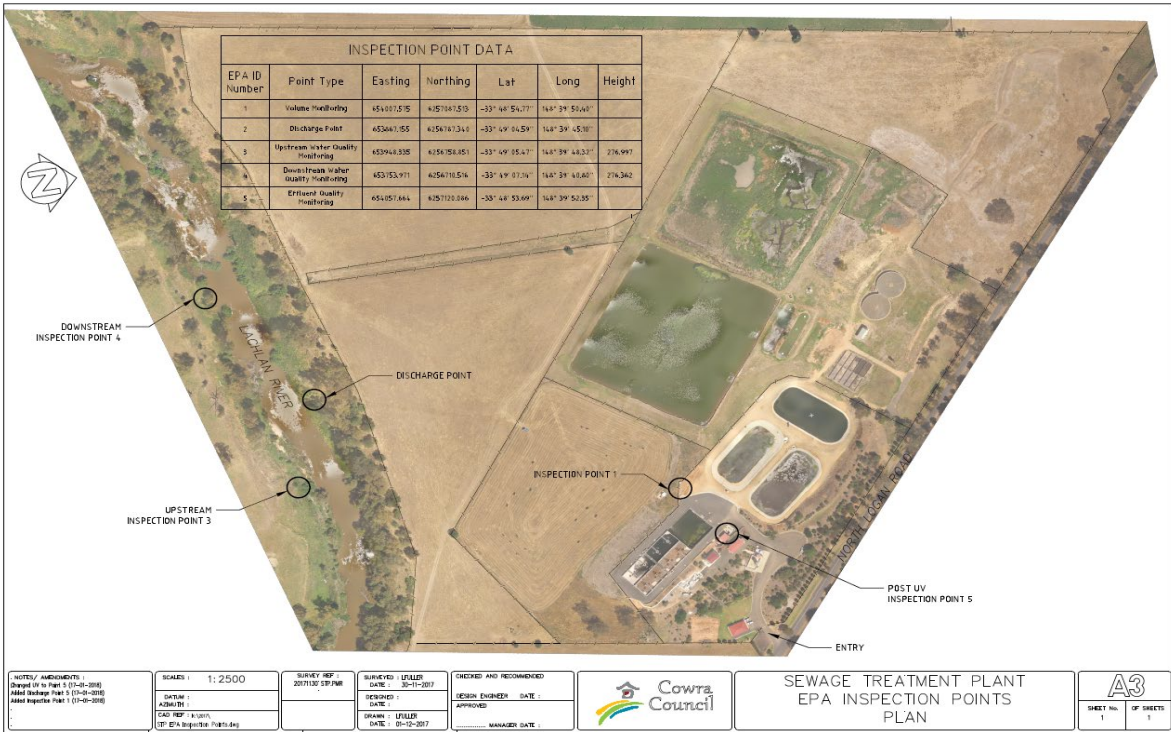




Cowra STP - EPA Report Details

EPA License Number:	3648
Link to Licence:	https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=132283&SYSUID=1&LICID=3648
Licensee Name:	Cowra Shire Council
Licensee Address:	Private Bag 342, Cowra NSW 2794
Location of Monitoring Point:	CSTP - North Logan Rd, COWRA NSW 2794, LOT 146 DP 12349, LOT 147 DP 12349, LOT 148 DP 12349
Scheduled Activity:	Sewage Treatment Systems
Scale:	> 219 - 1000 ML discharged
Unit/s of Measure:	Listed In report
Monitoring points:	Listed in report, also see map
Date Published:	19/06/2025
Date Obtained	28/12/2017
Frequency of Monitoring:	Monthly Points 3 & 4, Monthly during discharge Point 2
Link to Latest Weather	http://www.bom.gov.au/climate/dwo/IDCJDW2038.latest.shtml



Sewer - Treatment Plants												01 Mar 2024 - 28 Feb 2025	
Cowra STP - EPA Report - EPA P3												Report Generated: Thursday, 19 June 2025	
Quality Monitoring												Site code: Upstream (EPA P3)	
Environment Protection Licence: 3648													
	Test Information			EPA Parameters								General	
Limits	Date of Results Obtained	Report Number	Date Uploaded	pH	Suspended Solids	Total Oil & Grease	BOD	Ammonia	Total Nitrogen	Total Phosphorous	Faecal coliform	Comments	
50 th %ile Max													
90 th %ile Max													
100 th %ile Min													
100 th %ile Max													
Samples Taken				Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly		Monthly
Units					mg/L	mg/L	mg/L	mg/L N	mg/L N	mg/L P	CFU		
11/03/2024	11/03/2024	CA2401667-001	21/03/2024	7.65	92	<1	<2	<0.1	1.12	0.08	11800		
15/04/2024	15/04/2024	CA2402474-001	24/04/2024	8.11	12	<1	<2	<0.1	0.83	0.04	242		
7/05/2024	7/05/2024	CA202974-001	16/05/2024	7.95	12	<1	<2	<0.1	0.67	0.04	210		
18/06/2024	18/06/2024	CA2403906-001	3/07/2024	7.41	30	2	<2	<0.1	0.77	0.07	430		
24/07/2024	24/07/2024	CA2404737-001	1/08/2024	7.8	15	<1	<2	<0.1	0.65	0.02	164		
6/08/2024	6/08/2024	CA2404997-001	15/08/2024	8.06	22	<1	<2	<0.1	0.62	0.03	120		
4/09/2024	9/09/2024	CA2405736-001	17/09/2024	8.12	5	<1	<2	0.1	0.72	0.03	66		
15/10/2024	15/10/2024	CA2406672-001	12/11/2024	7.5	26	<1	<2	<0.1	0.8	0.06	432		
20/11/2024	20/11/2024	CA2407510-001	29/11/2024	7.93	14	<1	<2	<0.1	0.64	0.02	160		
3/12/2024	3/12/2024	CA2407854-001	13/12/2024	8.14	49	<1	<2	<0.1	0.96	0.1	720		
1/01/2025	15/01/2025	CA2500273-001	28/01/2025	8.01	30	<1	<2	<0.1	0.77	0.04	126		
11/02/2025	11/02/2025	CA2500901-001	20/02/2025	7.75	11	<1	<2	<0.1	0.73	0.03	126		
No of Samples				12	12	12	12	12	12	12	12		
Minimum				7	5	0	0	0	1	0	66		
Average				8	27	0	0	0	1	0	1216		
Samples < 50th percentile limit				-	-	-	-	-	-	-	-		
Samples < 90th percentile limit				-	-	-	-	-	-	-	-		
Samples within 100th percentile limits				-	-	-	-	-	-	-	-		
Maximum				8	92	2	0	0	1	0	11800		
Notes													

Sewer - Treatment Plants												01 Mar 2024 - 28 Feb 2025
Cowra STP - EPA Report - EPA P4												Report Generated: Thursday, 19 June 2025
Quality Monitoring												Site code: Downstream (EPA P4)
Environment Protection Licence: 3648												
	Test Information			EPA Parameters								General
Limits	Date of Results Obtained	Report Number	Date Uploaded	pH	Suspended Solids	Total Oil & Grease	BOD	Ammonia	Total Nitrogen	Total Phosphorous	Faecal coliform	Comments
50 th %ile Max												
90 th %ile Max												
100 th %ile Min												
100 th %ile Max												
Samples Taken				Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	
Units					mg/L	mg/L	mg/L	mg/L N	mg/L N	mg/L P	CFU	
11/03/2024	11/03/2024	CA2401667-004	21/03/2024	7.79	43	<1	<2	<0.1	1.05	0.04	440	
15/04/2024	15/04/2024	CA2402474-004	24/04/2024	8.12	15	<1	<2	<0.1	0.84	0.05	320	
7/05/2024	7/05/2024	CA2402974-004	16/05/2024	8.07	8	<1	<2	<0.1	0.66	0.04	176	
18/06/2024	18/06/2024	CA2403906-004	3/07/2024	7.78	27	<1	<2	<0.1	0.73	0.06	464	
24/07/2024	1/08/2024	CA2404737-004	1/08/2024	7.77	16	<1	<2	<0.1	0.76	0.03	<1	
6/08/2024	6/08/2024	CA2404497-004	15/08/2024	7.92	13	<1	<2	<0.1	0.63	0.03	72	
4/09/2024	4/09/2024	CA2405736-004	17/09/2024	8.13	5	<1	<2	0.6	0.73	0.04	178	
15/10/2024	15/10/2024	CA2406672-004	12/11/2024	7.8	28	<1	<1	<0.1	0.79	0.06	330	
20/11/2024	20/11/2024	CA2407510-004	29/11/2024	7.84	14	<1	<2	<0.1	0.65	0.02	85	
3/12/2024	3/12/2024	CA2407854-004	13/12/2024	8.16	56	<1	<2	<0.1	1	0.1	1000	
15/01/2025	15/01/2025	CA2500273-004	28/01/2025	8.01	28	<1	<2	<0.1	0.78	0.05	160	
11/02/2025	11/02/2025	CA2500901-004	20/02/2025	7.77	16	<1	<2	<0.1	0.72	0.03	134	
No of Samples				12	12	12	12	12	12	12	12	
Minimum				8	16	0	0	0	1	0	134	
Average				8	22	0	0	0	1	0	280	
Samples < 50th percentile limit				-	-	-	-	-	-	-	-	
Samples < 90th percentile limit				-	-	-	-	-	-	-	-	
Samples within 100th percentile limits				-	-	-	-	-	-	-	-	
Maximum				8	56	0	0	1	1	0	1000	
Notes												

Sewer - Treatment Plants												01 Mar 2024 - 28 Feb 2025	
Cowra STP - EPA Report - EPA P5												Report Generated: Thursday, 19 June 2025	
Quality Monitoring												Site code: Effluent (EPA P5)	
Environment Protection Licence: 3648													
	Test Information			EPA Parameters								General	
Limits	Date of Results Obtained	Report Number	Date Uploaded	pH	Suspended Solids	Total Oil & Grease	BOD	Ammonia	Total Nitrogen	Total Phosphorous	Faecal coliform	Comments	
50 th %ile Max													
90 th %ile Max													
100 th %ile Min				6.5									
100 th %ile Max				8.5	15	2	10		10	0.5	200		
Samples Taken				Monthly During Discharge									
Units					mg/L	mg/L	mg/L	mg/L N	mg/L N	mg/L P	CFU		
11/03/2024	11/03/2024	CA2401667-002	21/03/2024	7.88	5	<1	<2	0.1	4.82	0.14	8	Discharge to Lachlan River following heavy rain between 6-8 /	
15/04/2024	15/04/2024	CA2402474-002	24/04/2024	7.99	6	<1	<2	<0.1	6.37	0.12	184		
7/05/2024	7/05/2024	CA240974-002	16/05/2024	7.9	3	<1	<2	0.2	4.34	0.13	8		
18/06/2024	18/06/2024	CA2403906-002	3/07/2024	7.75	2	<1	<2	0.3	5.67	0.11	<2		
24/07/2024	24/07/2024	CA2404737-004	1/08/2024	7.46	3	<1	22	<0.4	5.16	0.08	2		
6/08/2024	6/08/2024	CA2404997-002	15/08/2024	7.68	2	<1	<2	0.3	4.74	0.11	6		
4/09/2024	4/09/2024	CA2405736-002	17/09/2024	7.89	<2	<1	<2	0.5	4.74	0.09	2		
15/10/2024	15/10/2024	CA240667-002	12/11/2024	7.1	3	<1	<2	0.4	4.88	0.22	30		
20/11/2024	20/11/2024	CA2407510-002	29/11/2024	7.78	7	<1	<2	0.5	3.06	0.15	18		
3/12/2024	3/12/2024	CA2407854-002	13/12/2024	7.82	6	<1	<2	0.3	4.8	0.32	1040	/ Faecal - 44000CFU/100mLDischarge to river occurri	
15/01/2025	15/01/2025	CA2500273-002	28/01/2025	8.26	16	<1	4	0.1	5.52	0.33	100	Pre-UV Faecal Coliform 2200 CFU/100ml	
11/02/2025	11/02/2025	CA2500901-002	20/02/2025	7.5	8	<1	<2	0.2	5.39	0.05	16	orms 6000CFU/100mL. Operators advised to release	
No of Samples				12	12	12	12	12	12	12	12		
Minimum				7	1	0	0	0	3	0	1		
Average				8	5	0	2	0	5	0	118		
Samples < 50th percentile limit				-	-	-	-	-	-	-	-		
Samples < 90th percentile limit				-	-	-	-	-	-	-	-		
Samples within 100th percentile limits				100.0%	91.7%	100.0%	91.7%	-	100.0%	100.0%	91.7%		
Maximum				8	16	0	22	1	6	0	1040		
Notes													