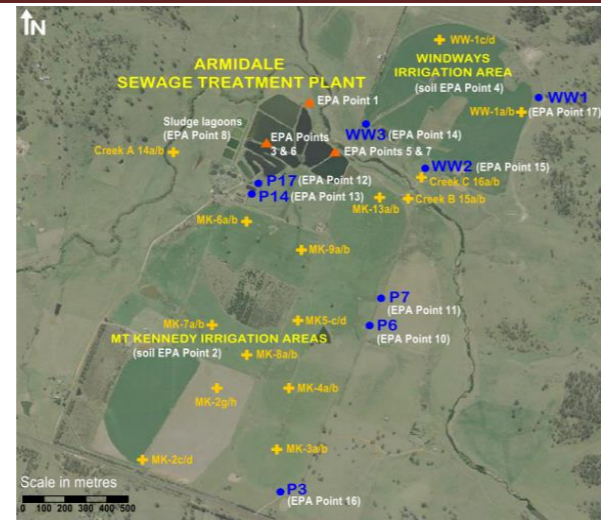


EPA License Number:	1722
Link to Licence:	https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicense.aspx?DOCID=201839&SYSUID=1&LICID=1722
Licensee Name:	Armidale Regional Council
Licensee Address:	PO Box 75A Armidale NSW 2350
Address of Monitoring Point:	631 Cafferries Rd, Armidale NSW 2350
Scheduled Activity:	Sewage Treatment
Scale:	> 1000 - 5000 ML annual maximum volume of discharge
Unit/s of Measure:	Listed In report
Monitoring points:	Listed in report, also see map
Date Published:	13/04/2024
Date Obtained:	3/12/2020
Frequency of Monitoring:	Listed in report, also see map
Link to Latest Weather :	http://www.bom.gov.au/places/nsw/armidale



Date	Month	Inflow	Discharge to Mt Kennedy EPA P3 - Discharge from the Electric Pumps (Same point as EPA P6)	Discharge to Windways EPA P5 - Discharge from the Diesel Pumps (Same point as EPA P7)	Discharge to Weir EPA P1	Biosolids From Sludge Lagoons EPA P8	Biosolids in Sludge Tanker EPA P9	Comments
		kl/day	kl/day	kl/day	kl/day	m ³ /day	Loads/day	
		-	-	-	16,500	-	-	
21/12/2023	Dec 2023	15,513	0	0	18,514	0	0	
22/12/2023	Dec 2023	7,852	0	0	13,972	0	0	
23/12/2023	Dec 2023	5,294	0	0	8,814	0	0	
24/12/2023	Dec 2023	5,209	0	0	7,244	0	0	
25/12/2023	Dec 2023	6,926	0	0	6,642	0	0	
26/12/2023	Dec 2023	9,506	0	0	9,062	0	0	
27/12/2023	Dec 2023	5,187	1,554	19	7,828	0	0	
28/12/2023	Dec 2023	4,611	3,009	0	4,050	0	0	
29/12/2023	Dec 2023	4,336	3,454	0	1,996	0	0	
30/12/2023	Dec 2023	6,375	2,843	0	2,294	0	0	
31/12/2023	Dec 2023	4,603	2,008	921	3,582	0	0	
1/01/2024	Jan 2024	4,099	2,405	496	2,592	0	0	
2/01/2024	Jan 2024	4,052	3,361	0	1,318	0	0	
3/01/2024	Jan 2024	4,017	3,378	0	716	0	0	
4/01/2024	Jan 2024	3,999	3,478	823	378	0	0	
5/01/2024	Jan 2024	3,732	3,136	1,017	128	0	0	
6/01/2024	Jan 2024	3,760	2,969	2,523	0	0	0	EPA P1 Comment: Visually no flow over weir
7/01/2024	Jan 2024	3,738	3,027	597	0	0	0	EPA P1 Comment: Visually no flow over weir
8/01/2024	Jan 2024	3,840	2,677	0	0	0	0	EPA P1 Comment: Visually no flow over weir
9/01/2024	Jan 2024	5,564	2,892	0	0	0	0	EPA P1 Comment: Visually no flow over weir
10/01/2024	Jan 2024	4,706	3,234	0	0	0	0	EPA P1 Comment: Visually no flow over weir
11/01/2024	Jan 2024	4,253	3,092	0	0	0	0	EPA P1 Comment: Visually no flow over weir
12/01/2024	Jan 2024	3,943	2,196	0	0	0	0	EPA P1 Comment: Visually no flow over weir
13/01/2024	Jan 2024	4,001	2,928	1,853	0	0	0	EPA P1 Comment: Visually no flow over weir
14/01/2024	Jan 2024	3,976	2,939	3,154	0	0	0	EPA P1 Comment: Visually no flow over weir
15/01/2024	Jan 2024	3,725	2,966	3,176	0	0	0	EPA P1 Comment: Visually no flow over weir
16/01/2024	Jan 2024	3,767	2,846	822	0	0	0	EPA P1 Comment: Visually no flow over weir
17/01/2024	Jan 2024	4,797	3,111	321	0	0	0	EPA P1 Comment: Visually no flow over weir
18/01/2024	Jan 2024	6,676	3,519	0	0	0	0	EPA P1 Comment: Visually no flow over weir
19/01/2024	Jan 2024	4,947	2,527	1,172	0	0	0	EPA P1 Comment: Visually no flow over weir
20/01/2024	Jan 2024	4,451	1,799	3,385	0	0	0	EPA P1 Comment: Visually no flow over weir
21/01/2024	Jan 2024	4,287	2,961	3,399	0	0	0	EPA P1 Comment: Visually no flow over weir
22/01/2024	Jan 2024	4,482	2,305	2,795	0	0	0	EPA P1 Comment: Visually no flow over weir
23/01/2024	Jan 2024	3,696	2,200	2,548	0	0	0	EPA P1 Comment: Visually no flow over weir
24/01/2024	Jan 2024	4,232	3,034	2,978	0	0	0	EPA P1 Comment: Visually no flow over weir
25/01/2024	Jan 2024	4,605	2,891	3,114	0	0	0	EPA P1 Comment: Visually no flow over weir
26/01/2024	Jan 2024	4,152	2,824	2,450	0	0	0	EPA P1 Comment: Visually no flow over weir
27/01/2024	Jan 2024	4,224	2,981	1,400	0	0	0	EPA P1 Comment: Visually no flow over weir
28/01/2024	Jan 2024	4,472	2,875	364	0	0	0	EPA P1 Comment: Visually no flow over weir
29/01/2024	Jan 2024	11,733	2,359	0	0	0	0	EPA P1 Comment: Visually no flow over weir
30/01/2024	Jan 2024	11,198	369	0	0	0	0	EPA P1 Comment: Visually no flow over weir
31/01/2024	Jan 2024	6,167	0	0	5,622	0	0	
1/02/2024	Feb 2024	4,864	2,184	1,643	6,528	0	0	
2/02/2024	Feb 2024	4,770	3,140	2,621	3,000	0	0	
3/02/2024	Feb 2024	4,585	2,911	3,203	608	0	0	
4/02/2024	Feb 2024	4,583	2,945	3,188	234	0	0	
5/02/2024	Feb 2024	4,664	2,855	1,879	0	0	0	EPA P1 Comment: Visually no flow over weir
6/02/2024	Feb 2024	4,566	3,283	2,484	0	0	0	EPA P1 Comment: Visually no flow over weir
7/02/2024	Feb 2024	4,362	3,490	2,446	0	0	0	EPA P1 Comment: Visually no flow over weir
8/02/2024	Feb 2024	4,139	3,272	2,467	0	0	0	EPA P1 Comment: Visually no flow over weir
9/02/2024	Feb 2024	4,080	3,073	2,289	0	0	0	EPA P1 Comment: Visually no flow over weir
10/02/2024	Feb 2024	4,386	3,008	1,956	0	0	0	EPA P1 Comment: Visually no flow over weir
11/02/2024	Feb 2024	4,435	2,668	550	0	0	0	EPA P1 Comment: Visually no flow over weir
12/02/2024	Feb 2024	4,195	3,053	680	0	0	0	EPA P1 Comment: Visually no flow over weir
13/02/2024	Feb 2024	4,189	3,204	0	0	0	0	EPA P1 Comment: Visually no flow over weir
14/02/2024	Feb 2024	4,197	3,227	1,763	0	0	0	EPA P1 Comment: Visually no flow over weir
15/02/2024	Feb 2024	4,521	2,960	2,339	0	0	0	EPA P1 Comment: Visually no flow over weir
16/02/2024	Feb 2024	7,390	2,940	2,982	132	0	0	
17/02/2024	Feb 2024	5,755	3,349	1,962	110	0	0	
18/02/2024	Feb 2024	12,478	2,756	2,546	146	0	0	
19/02/2024	Feb 2024	14,534	0	0	10,158	0	0	
20/02/2024	Feb 2024	7,305	0	0	12,438	0	0	
21/02/2024	Feb 2024	5,739	0	0	8,446	0	0	

Sewer - Armidale

Armidale STP - Online EPA Results

Flow Monitoring

Environment Protection Licence: 1722

01 May 2023 - 30 Apr 2024

Report Generated: Saturday, 13 April 2024

Date	Month	Inflow	Discharge to Mt Kennedy EPA P3 - Discharge from the Electric Pumps (Same point as EPA P6)	Discharge to Windways EPA P5 - Discharge from the Diesel Pumps (Same point as EPA P7)	Discharge to Weir EPA P1	Biosolids From Sludge Lagoons EPA P8	Biosolids in Sludge Tanker EPA P9	Comments
		kl/day	kl/day	kl/day	kl/day	m³/day	Loads/day	
		-	-	-	16,500	-	-	
22/02/2024	Feb 2024	5,232	1,509	0	6,378	0	0	
23/02/2024	Feb 2024	5,043	1,463	0	4,184	0	0	
24/02/2024	Feb 2024	5,926	1,122	0	4,748	0	0	
25/02/2024	Feb 2024	5,812	0	0	6,798	0	0	
26/02/2024	Feb 2024	5,219	1,748	0	6,042	0	0	
27/02/2024	Feb 2024	5,514	2,532	0	4,376	0	0	
28/02/2024	Feb 2024	5,384	2,777	0	3,886	0	0	
29/02/2024	Feb 2024	5,126	3,366	0	2,986	0	0	
1/03/2024	Mar 2024	9,537	3,254	0	2,308	0	0	
2/03/2024	Mar 2024	13,812	1,048	0	9,844	0	0	
3/03/2024	Mar 2024	8,850	0	0	11,150	0	0	
4/03/2024	Mar 2024	6,124	0	0	9,214	0	0	
5/03/2024	Mar 2024	5,177	0	0	7,120	0	0	
6/03/2024	Mar 2024	4,986	0	0	6,222	0	0	
7/03/2024	Mar 2024	4,783	0	0	5,822	0	0	
8/03/2024	Mar 2024	4,411	1,675	0	5,046	0	0	
9/03/2024	Mar 2024	4,320	2,596	0	3,746	0	0	
10/03/2024	Mar 2024	4,541	2,766	0	2,920	0	0	
11/03/2024	Mar 2024	4,315	2,595	0	2,654	0	0	
12/03/2024	Mar 2024	4,115	2,920	0	2,714	0	0	
13/03/2024	Mar 2024	4,217	3,383	1,224	2,168	0	0	
14/03/2024	Mar 2024	4,236	3,064	2,169	976	0	0	
15/03/2024	Mar 2024	3,895	2,619	0	538	0	0	
16/03/2024	Mar 2024	3,808	3,123	0	758	0	0	
17/03/2024	Mar 2024	4,318	2,940	0	1,918	0	0	
18/03/2024	Mar 2024	5,910	814	0	5,038	0	0	
19/03/2024	Mar 2024	4,751	0	0	7,330	0	0	
20/03/2024	Mar 2024	4,477	2,200	0	5,978	0	0	
21/03/2024	Mar 2024	3,802	2,886	3	3,508	0	0	
22/03/2024	Mar 2024	3,918	2,686	0	2,652	0	0	
23/03/2024	Mar 2024	4,068	1,282	0	3,208	0	0	
24/03/2024	Mar 2024	4,257	2,440	0	4,258	0	0	
25/03/2024	Mar 2024	4,255	2,788	0	3,516	0	0	
26/03/2024	Mar 2024	4,154	3,313	0	2,576	0	0	
27/03/2024	Mar 2024	4,022	2,825	0	2,312	0	0	
28/03/2024	Mar 2024	4,141	2,610	0	2,512	0	0	
29/03/2024	Mar 2024	4,206	2,331	0	2,604	0	0	
30/03/2024	Mar 2024	3,699	2,314	0	2,830	0	0	
31/03/2024	Mar 2024	3,479	2,459	0	2,558	0	0	
1/04/2024	Apr 2024	3,846	2,378	0	2,180	0	0	
2/04/2024	Apr 2024	5,426	2,744	0	2,584	0	0	
3/04/2024	Apr 2024	4,403	2,523	0	4,282	0	0	
4/04/2024	Apr 2024	6,605	938	0	5,240	0	0	
5/04/2024	Apr 2024	22,853	0	0	15,104	0	0	
6/04/2024	Apr 2024	17,954	0	0	24,392	0	0	
7/04/2024	Apr 2024	20,350	0	0	21,402	0	0	
8/04/2024	Apr 2024	11,631	0	0	17,204	0	0	
9/04/2024	Apr 2024	7,308	0	0	11,782	0	0	
10/04/2024	Apr 2024	5,384	0	0	8,724	0	0	
11/04/2024	Apr 2024	4,942	0	0	7,258	0	0	
12/04/2024	Apr 2024	4,574	0	0	6,734	0	0	
Minimum		2,280	0	0	0	0	0	
Minimum > 0		2,280.00	27.00	1.00	4.00			
Average		4,307	2,163	617	2,616	0	0	
Average > 0		4,307	2,492	1,567	3,585			
Maximum		22,853	3,828	3,399	24,392	0	0	
Dry Weather Exceedances								
Wet Weather Exceedances								
Total Exceedances		-	-	-	4	-	-	
Total		1,498,811	752,590	214,689	910,526	0	0	
No of Measurements		348	348	348	348	348	348	
No of Measurements > 0		348	302	137	254	0	0	

Notes:

Sewer - Armidale

Armidale STP - Online EPA Results - EPA P1

01 May 2023 - 30 Apr 2024

Quality Monitoring

Report Generated: Saturday, 13 April 2024

Environment Protection Licence: 1722

Limits	Test Information		EPA Parameters									General	
	Date of Results report Obtained	Report Number	Biological Oxygen	Conductivity	Fecal Coliform	Oxidised Nitrogen	Ammonia Nitrogen	Oil & Grease	pH	Total Phosphorus	Total Kjeldahl Nitrogen	Total Suspended	Comments
50 th %ile Max													
90 th %ile Max			20					10				30	
100 th %ile Min													
100 th %ile Max													
31/05/2023			3.8	725	40	9.04	11.8	<5	7.91	5.86	16.2	5	
29/06/2023			6.4	775	10	10.5	15	<10	7.81	6.32	19	8	
27/07/2023			8.4	775	25	10.7	14.7	<10	7.7	6.26	23	5	
31/08/2023			5.4	874	115	9.75	15.6	<10	7.83	7.2	20.7	5	
29/09/2023			0	0	0	0	0	0	0	0	0	0	No outflow due to irrigation
31/10/2023			0	0	0	0	0	0	0	0	0	0	No outflow due to irrigation
29/11/2023			7.5	709	400	2.64	10.8	<10	7.78	7	12.6	17.5	
28/12/2023			6	630	450	2	7.21	<10	7.94	5.66	10.6	15	
31/01/2024	45327.48125		12	582	200	0.18	1.22	<10	8.6	5.48	4.22	30	
28/02/2024	45355.48056		8.8	557	40	4.08	1.28	<10	8.5	4.4	3.72	13	
13/04/2024	45385.91875		5.9	668	65	3.06	3.65	<10	7.9	6.54	5.44	8	
No of Samples			11	11	11	11	11	11	11	11	11	11	
Samples Required by EPL			12	12	12	12	12	12	12	12	12	12	
Minimum			0.00	0	0	0.00	0	0.0	0.00	0.00	0.00	0	
Average			5.84	572	122	4.72	7	0.0	6.54	4.97	10.50	10	
Samples < 50th percentile limit			-	-	-	-	-	-	-	-	-	-	
Samples < 90th percentile limit			100.0%	-	-	-	-	100.0%	-	-	-	100.0%	
Samples within 100th percentile limits			-	-	-	-	-	-	-	-	-	-	
Maximum			12	874	450	10.7	15.6	0	8.6	7.2	23	30	
Notes													

Sewer - Armidale

Armidale STP - Online EPA Results - EPA P2

01 May 2022 - 30 Apr 2025

Quality Monitoring

Report Generated: Saturday, 13 April 2024

Environment Protection Licence: 1722

Test Information				EPA Parameters										General		
Limits	Date of Results report Obtained	Report Number	Sample ID	Aggregate Stability	Available Phosphorus	Conductivity	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Potassium	Exchangeable Sodium	Exchangeable Sodium Percentage	Total Nitrate	Organic Matter	pH	Phosphorus Sorption Capacity	Comments
50 th %ile Max																
90 th %ile Max																
100 th %ile Min																
100 th %ile Max																
Units				mg/kg	dS/m	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%			
28/06/2022			5 Tower 2a	25.2	0.088	1277	339	112	39	1.7	22.9	2.07	6.25	1800		Water stable swell
28/06/2022			5 Tower 2e	56.5	0.083	1027	245	88	34	2	6.85	2.02	6.42	1100		
28/06/2022			5 Tower 2f	0.8	0.069	654	363	46	155	9.6	1.5	0.31	7.18	8200		Slake 3
28/06/2022			Eastern 5a	25.3	0.234	1146	393	426	195	7.7	3.95	2.82	7.46	1200		water stable, no swell
28/06/2022			Eastern 5b	2.2	0.067	222	87	52	89	15.9	1.95	0.18	7.85	900		
28/06/2022			Prairie South 11a	11.5	0.404	1690	615	266	763	18.9	12.4	3.96	7.64	2700		
28/06/2022			Prairie South 11b	0.2	0.074	430	177	64	150	14.5	0.56	0.36	7.6	1900		
28/06/2022			Shed 12a	54	0.139	1642	488	706	27	0.8	16.7	4	6.72			
28/06/2022			Shed 12b	33.7	0.062	805	268	308	22	1.3	2	1.3	7.04			Slake 1
28/06/2022			Prairie North 14a	60.7	0.121	2425	736	216	127	2.8	16.5	5.37	6.36	1600		
28/06/2022			Prairie North 14b	62.2		2105	438	65	230	6.5	1.12	1.06	7.24			
6/06/2023			5 Tower 2c	29.8	0.081	1058	254	67	68	3.59	7.4	1.96	6.56	1400		8
6/06/2023			5 Tower 2d	0.1	0.072	992	459	55	133	5.9	0.4	0.71	6.73	14300		Slake 3
6/06/2023			Fescue 1 3a	15.83855	0.124	1240	437	101	136	5.3	7.5	2.7	7.18	2000		
6/06/2023			Fescue 1 3b		0.077	569	443	57	236	12.8	0	0.29	7.77	7100		
6/06/2023			East Paddock 5c	40.3	0.142	1678	542	295	120	3.6	11.5	3.98	6.95	1700		
6/06/2023			East Paddock 5d	3.2	0.064	942	425	490	91	3.9		0.97	7.54	7300		Slake 2
6/06/2023			Rye 3 8a	37.6	0.131	14.92	451	243	98	3.4	8.2	3.23	6.84	1200		
6/06/2023			Rye 3 8b	7.4	0.106	786	331	146	256	13.3		0.45	7.84	5300		
6/06/2023			Rye 4 9a	21.9	0.122	1622	492	153	158	5.1	8	3.17	7.13	1300		
6/06/2023			Rye 4 9b		0.098	672	345	111	285	15.7		0.37	8.32	5000		
No of Samples				0	19	20	21	21	21	21	21	18	21	21	18	
Samples Required by EPL				1	1	1	1	1	1	1	1	1	1	1	1	
Minimum				0.00	0.1	0.062	14.92	87	46.0	22.00	0.80	0.00	0.18	6.25	900	
Average					26	0	1095.09	397	193.7	162.48	7.35	7.19	1.97	7.17	3667	
Samples < 50th percentile limit				-	-	-	-	-	-	-	-	-	-	-	-	
Samples < 90th percentile limit				-	-	-	-	-	-	-	-	-	-	-	-	
Samples within 100th percentile limits				-	-	-	-	-	-	-	-	-	-	-	-	
Maximum				0	62.2	0.404	2425	736	706	763	18.9	22.9	5.37	8.32	14300	
Notes																

Test Information				EPA Parameters									General						
Limits	Date of Results report Obtained	Report Number	Sample ID	Aggregate Stability	Available Phosphorus	Conductivity	Exchangeable Calcium	Exchangeable Magnesium	Exchangeable Potassium	Exchangeable Sodium	Exchangeable Sodium Percentage	Total Nitrate	Organic Matter	pH	Phosphorus Sorption Capacity	Comments			
50 th %ile Max																			
90 th %ile Max																			
100 th %ile Min																			
100 th %ile Max																			
Units				mg/kg	dS/m	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%							
28/06/2022			Windways 1e	53.4	0.24	2551	864	205	177	3.6	26.9	3.24	6.85	2200	Water stable swell 8				
6/06/2023			Windways 1a	26.2	0.119	1332	363	221	110	4.4	15.1	2.28	6.82	1100					
6/06/2023			Windways 1b	0.1	0.086	1053	945	82	304	8.9	0	0.26	7.04	4800	Slake 3				
6/06/2023			Creek north 16a	9	0.445	2305	949	150	449	8.95	1.1	3.04	6.65	2200					
6/06/2023			Creek north 16b		0.331	2137	886	111	364	7.82		0.87	6.6	2500	Slake 1				
No of Samples				0	4	5	5	5	5	5	5	4	5	5	5				
Samples Required by EPL				1	1	1	1	1	1	1	1	1	1	1	1				
Minimum				0.00	0.1	0.086	1053.00	363	82.0	110.00	3.60	0.00	0.26	6.60	1100				
Average				22	0	1875.60	801	153.8	280.80	6.73	10.78	1.94	6.79	2560					
Samples < 50th percentile limit				-	-	-	-	-	-	-	-	-	-	-	-				
Samples < 90th percentile limit				-	-	-	-	-	-	-	-	-	-	-	-				
Samples within 100th percentile limits				-	-	-	-	-	-	-	-	-	-	-	-				
Maximum				0	53.4	0.445	2551	949	221	449	8.95	26.9	3.24	7.04	4800				
Notes																			

Sewer - Armidale

Armidale STP - Online EPA Results - EPA P6

Quality Monitoring

Environment Protection Licence: 1722

01 May 2023 - 30 Apr 2024

Report Generated: Saturday, 13 April 2024

Test Information		EPA Parameters													General				
Limits	Date of Results report Obtained	Report Number	Biological Oxygen Demand	Total Calcium	Total Chloride	Conductivity	Fecal Coliform	Total Magnesium	Total Nitrogen	Oil & Grease	pH	Total Phosphorus	Total Potassium	Total Sodium	Sodium Adsorption Ratio	Total Suspended Solids	Comments		
50 th %ile Max			20								10								30
90 th %ile Max																			
100 th %ile Min																			
100 th %ile Max																			
Units			mg/L	mg/L	mg/L	uS/cm	cfu/100mL	mg/L	mg/L	mg/L		mg/L	mg/L	mg/L		mg/L			
31/05/2023			5	30.8	63	751	350	20.9	29.7	<5	7.89	6.2	20	65.5	2.2	8			
29/06/2023			9.8	29.5	65	757	250	20.2	32.3	<10	7.72	6.98	19.7	64.5	2.2	5			
27/07/2023			8.4	29.6	67	786	350	22.2	35.8	<10	7.68	6.52	21.5	66.6	2.3	3			
31/08/2023			8.3	33.4	67	795	180	23.7	34.4	<10	7.7	7.26	22.8	72.4	2.3	5			
29/09/2023			8.6	33.3	73	794	190	22.9	29.8	<10	8.33	7.56	21.9	71.1	2.3	2.5			
31/10/2023			5.3	33.7	71	780	550	23.7	23.2	<10	7.96	7.54	23.7	75.1	2.4	5			
29/11/2023			5.3	29	59	680	250	19.8	17.3	<10	7.74	5.96	19.1	63.9	2.2	10			
28/12/2023			6.9	29.7	51	581	1100	16.3	13.3	<10	7.9	4.96	16.2	52	1.9	10			
31/01/2024	45327.49097		11.3	28.2	60	665	1250	20	17.7	<10	7.73	5.84	17.2	61.5	2.2	18			
28/02/2024	45355.48681		25.1	28.8	50	596	440	18.7	12.2	<10	8.1	4.94	15.9	55.9	2	18			
13/04/2024	45385.41875		13.5	33	58	690	700	21.8	19.2	<10	7.95	6.38	17.7	68.3	2.3	23			
No of Samples			11	11	11	11	11	11	11	11	11	11	11	11	11	11			
Samples Required by EPL			12	4	4	12	12	4	12	12	12	4	4	4	4	12			
Minimum			5.00	28.2	50	581.00	180	16.3	12.20	0	8	5	16	52	2	3			
Average			9.77	31	62	715.91	510	20.9	24.08	0	8	6	20	65	2	10			
Samples < 50th percentile limit			-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Samples < 90th percentile limit			90.9%	-	-	-	-	-	-	100.0%	-	-	-	-	-	100.0%			
Samples within 100th percentile limits			-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Maximum			25.1	33.7	73	795	1250	23.7	35.8	0	8.33	7.56	23.7	75.1	2.4	23			
Notes																			

Sewer - Armidale

Armidale STP - Online EPA Results - EPA P6

Quality Monitoring

Environment Protection Licence: 1722

01 May 2023 - 30 Apr 2024

Report Generated: Saturday, 13 April 2024

Test Information		EPA Parameters													General				
Limits	Date of Results report Obtained	Report Number	Biological Oxygen Demand	Total Calcium	Total Chloride	Conductivity	Fecal Coliform	Total Magnesium	Total Nitrogen	Oil & Grease	pH	Total Phosphorus	Total Potassium	Total Sodium	Sodium Adsorption Ratio	Total Suspended Solids	Comments		
			50 th %ile Max	20							10								30
			90 th %ile Max																
			100 th %ile Min																
			100 th %ile Max																
Units			mg/L	mg/L	mg/L	uS/cm	cfu/100mL	mg/L	mg/L	mg/L		mg/L	mg/L	mg/L		mg/L			
31/05/2023			10.1	28.9	7	765	1700	20.7	35.9	<5	7.69	6.36	20	66.5	2.3	10			
29/06/2023			11.1	28.4	62	762	1750	19.8	32.6	<10	7.59	9.64	19.2	63.2	2.2	3			
27/07/2023			10.3	29.9	69	791	1500	22.4	37.1	<10	7.61	6.5	24.7	68	2.3	3			
31/08/2023			13.2	32.7	67	803	1050	23	36.5	<10	7.59	6.8	22.2	71	2.3	3			
29/09/2023			14.9	32.7	67	830	900	21.8	34.4	<10	7.77	6.8	21.7	67.8	2.3	5			
31/10/2023			10.8	31	67	733	1500	20.9	31.4	<10	7.73	6.74	20.4	64.2	2.2	5			
29/11/2023			7.7	30.1	67	664	1300	19.8	20	<10	7.56	5.54	19.1	59.7	2.1	2.5			
28/12/2023			8.3	30.4	67	612	2000	15.9	20.8	<10	7.73	4.86	14.2	50.2	1.8	17.5			
31/01/2024	45327.50139		12.9	29.2	67	660	2500	20.2	11.6	<10	8.04	6.34	17.7	64.4	2.2	13			
28/02/2024	45355.48889		4.5	30.4	67	671	200	21.7	6.8	<10	7.95	6.78	19.1	69.8	2.4	3			
13/04/2024	45385.91875		14.7	31.8	55	753	2000	21.4	28	<10	7.74	6.38	17.7	69.3	2.3	33			
No of Samples			11	11	11	11	11	11	11	11	11	11	11	11	11	11			
Samples Required by EPL			12	4	4	12	12	4	12	12	12	4	4	4	4	12			
Minimum			4.50	28.4	7	612.00	200	15.9	6.80	0	8	5	14	50	2	3			
Average			10.77	31	60	731.27	1491	20.7	26.83	0	8	7	20	65	2	9			
Samples < 50th percentile limit			-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Samples < 90th percentile limit			100.0%	-	-	-	-	-	-	100.0%	-	-	-	-	-	90.9%			
Samples within 100th percentile limits			-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Maximum			14.9	32.7	69	830	2500	23	37.1	0	8.04	9.64	24.7	71	2.4	33			
Notes																			

Sewer - Armidale

Armidale STP - Online EPA Results - EPA P9

01 May 2023 - 30 Apr 2024

Quality Monitoring

Report Generated: Saturday, 13 April 2024

Environment Protection Licence: 1722

Test Information		EPA Parameters													General		
Limits	Date of Results report Obtained	Report Number	Total Calcium	Total Chloride	Conductivity	Total Magnesium	Moisture Content	Nitrate	Total Nitrogen	pH	Total Phosphorus	Total Potassium	Total Sodium	Sodium Adsorption Ratio	Total Sulphur	Comments	
			50 th %ile Max	90 th %ile Max	100 th %ile Min	100 th %ile Max											
			Units														
			1/07/2023														
			mg/kg	mg/kg	uS/cm	mg/kg	%	mg/kg	mg/kg		mg/kg	mg/kg	mg/kg		mg/kg		
			18175	1080	4000	4340	5.5	38	23500	7.13	16600	2340	2870	5	7100		
No of Samples			1	1	1	1	1	1	1	1	1	1	1	1	1		
Samples Required by EPL			4	4	4	4	4	4	4	4	4	4	4	4	4		
Minimum			18175.00	1080	4000	4340.00	6	38.0	23500.00	7.1	16600.0	2340.0	2870.0	5.0	7100		
Average			18175.00	1080	4000	4340.00	6	38.0	23500.00	7.1	16600.0	2340.0	2870.0	5.0	7100		
Samples < 50th percentile limit			-	-	-	-	-	-	-	-	-	-	-	-	-		
Samples < 90th percentile limit			-	-	-	-	-	-	-	-	-	-	-	-	-		
Samples within 100th percentile limits			-	-	-	-	-	-	-	-	-	-	-	-	-		
Maximum			18175	1080	4000	4340	5.5	38	23500	7.13	16600	2340	2870	5	7100		
Notes																	

Sewer - Armidale

Armidale STP - Online EPA Results - EPA P17

01 May 2023 - 30 Apr 2024

Quality Monitoring

Report Generated: Saturday, 13 April 2024

Environment Protection Licence: 1722

Test Information		EPA Parameters							General			
Limits	Date of Results report Obtained	Report Number	Conductivity	Oxidised Nitrogen	Total Nitrogen	pH	Redox Potential	Standing Water Level	Total Kjeldahl Nitrogen	Total Phosphorus	Comments	
50 th %ile Max												
90 th %ile Max												
100 th %ile Min												
100 th %ile Max												
Units			uS/cm	mg/L	mg/L	0	mV	m	mg/L	mg/L		
No of Samples			0	0	0	0	0	0	0	0		
Samples Required by EPL			2	2	2	2	2	2	2	2		
Minimum			0.00	0	0	0.00	0	0.0	0.00	0		
Average			0.00	0	0	0.00	0	0.0	0.00	0		
Samples < 50th percentile limit			-	-	-	-	-	-	-	-		
Samples < 90th percentile limit			-	-	-	-	-	-	-	-		
Samples within 100th percentile limits			-	-	-	-	-	-	-	-		
Maximum			0	0	0	0	0	0	0	0		
Notes												

Sewer - Armidale

Armidale STP - Online EPA Results - EPA P17

01 May 2023 - 30 Apr 2024

Quality Monitoring

Report Generated: Saturday, 13 April 2024

Environment Protection Licence: 1722

Test Information		EPA Parameters							General			
Limits	Date of Results report Obtained	Report Number	Conductivity	Oxidised Nitrogen	Total Nitrogen	pH	Redox Potential	Standing Water Level	Total Kjeldahl Nitrogen	Total Phosphorus	Comments	
50 th %ile Max												
90 th %ile Max												
100 th %ile Min												
100 th %ile Max												
Units			uS/cm	mg/L	mg/L	0	mV	m	mg/L	mg/L		
No of Samples			0	0	0	0	0	0	0	0		
Samples Required by EPL			2	2	2	2	2	2	2	2		
Minimum			0.00	0	0	0.00	0	0.0	0.00	0		
Average			0.00	0	0	0.00	0	0.0	0.00	0		
Samples < 50th percentile limit			-	-	-	-	-	-	-	-		
Samples < 90th percentile limit			-	-	-	-	-	-	-	-		
Samples within 100th percentile limits			-	-	-	-	-	-	-	-		
Maximum			0	0	0	0	0	0	0	0		
Notes												

Sewer - Armidale

Armidale STP - Online EPA Results - EPA P17

01 May 2023 - 30 Apr 2024

Quality Monitoring

Report Generated: Saturday, 13 April 2024

Environment Protection Licence: 1722

Test Information		EPA Parameters								General		
Limits	Date of Results report Obtained	Report Number	Conductivity	Oxidised Nitrogen	Total Nitrogen	pH	Redox Potential	Standing Water Level	Total Kjeldahl Nitrogen	Total Phosphorus	Comments	
50 th %ile Max												
90 th %ile Max												
100 th %ile Min												
100 th %ile Max												
Units			uS/cm	mg/L	mg/L	0	mV	m	mg/L	mg/L		
No of Samples			0	0	0	0	0	0	0	0		
Samples Required by EPL			2	2	2	2	2	2	2	2		
Minimum			0.00	0	0	0.00	0	0.0	0.00	0		
Average			0.00	0	0	0.00	0	0.0	0.00	0		
Samples < 50th percentile limit			-	-	-	-	-	-	-	-		
Samples < 90th percentile limit			-	-	-	-	-	-	-	-		
Samples within 100th percentile limits			-	-	-	-	-	-	-	-		
Maximum			0	0	0	0	0	0	0	0		
Notes												

Sewer - Armidale

Armidale STP - Online EPA Results - EPA P17

01 May 2023 - 30 Apr 2024

Quality Monitoring

Report Generated: Saturday, 13 April 2024

Environment Protection Licence: 1722

Test Information		EPA Parameters								General		
Limits	Date of Results report Obtained	Report Number	Conductivity	Oxidised Nitrogen	Total Nitrogen	pH	Redox Potential	Standing Water Level	Total Kjeldahl Nitrogen	Total Phosphorus	Comments	
50 th %ile Max												
90 th %ile Max												
100 th %ile Min												
100 th %ile Max												
Units			uS/cm	mg/L	mg/L	0	mV	m	mg/L	mg/L		
No of Samples			0	0	0	0	0	0	0	0		
Samples Required by EPL			2	2	2	2	2	2	2	2		
Minimum			0.00	0	0	0.00	0	0.0	0.00	0		
Average			0.00	0	0	0.00	0	0.0	0.00	0		
Samples < 50th percentile limit			-	-	-	-	-	-	-	-		
Samples < 90th percentile limit			-	-	-	-	-	-	-	-		
Samples within 100th percentile limits			-	-	-	-	-	-	-	-		
Maximum			0	0	0	0	0	0	0	0		
Notes												

Sewer - Armidale

Armidale STP - Online EPA Results - EPA P17

01 May 2023 - 30 Apr 2024

Quality Monitoring

Report Generated: Saturday, 13 April 2024

Environment Protection Licence: 1722

Limits	Test Information		EPA Parameters							General Comments	
	Date of Results report Obtained	Report Number	Conductivity	Oxidised Nitrogen	Total Nitrogen	pH	Redox Potential	Standing Water Level	Total Kjeldahl Nitrogen		Total Phosphorus
50 th %ile Max											
90 th %ile Max											
100 th %ile Min											
100 th %ile Max											
Units			uS/cm	mg/L	mg/L	0	mV	m	mg/L	mg/L	
14/09/2023			417			7	164	959.69			
26/09/2023				0.28	0.9				0.6	0.16	
No of Samples			1	1	1	1	1	1	1	1	
Samples Required by EPL			2	2	2	2	2	2	2	2	
Minimum			0.00	0	0	0.00	0	0.0	0.00	0	
Average			139.33	0	1	2.67	55	320.2	0.53	0	
Samples < 50th percentile limit			-	-	-	-	-	-	-	-	
Samples < 90th percentile limit			-	-	-	-	-	-	-	-	
Samples within 100th percentile limits			-	-	-	-	-	-	-	-	
Maximum			417	1	1	7	164	959.69	1	1	
Notes											

Sewer - Armidale

Armidale STP - Online EPA Results - EPA P17

01 May 2023 - 30 Apr 2024

Quality Monitoring

Report Generated: Saturday, 13 April 2024

Environment Protection Licence: 1722

Test Information		EPA Parameters							General			
Limits	Date of Results report Obtained	Report Number	Conductivity	Oxidised Nitrogen	Total Nitrogen	pH	Redox Potential	Standing Water Level	Total Kjeldahl Nitrogen	Total Phosphorus	Comments	
50 th %ile Max												
90 th %ile Max												
100 th %ile Min												
100 th %ile Max												
Units			uS/cm	mg/L	mg/L	0	mV	m	mg/L	mg/L		
No of Samples			0	0	0	0	0	0	0	0		
Samples Required by EPL			2	2	2	2	2	2	2	2		
Minimum			0.00	0	0	0.00	0	0.0	0.00	0		
Average			0.00	0	0	0.00	0	0.0	0.00	0		
Samples < 50th percentile limit			-	-	-	-	-	-	-	-		
Samples < 90th percentile limit			-	-	-	-	-	-	-	-		
Samples within 100th percentile limits			-	-	-	-	-	-	-	-		
Maximum			0	0	0	0	0	0	0	0		
Notes												

Sewer - Armidale

Armidale STP - Online EPA Results - EPA P17

01 May 2023 - 30 Apr 2024

Quality Monitoring

Report Generated: Saturday, 13 April 2024

Environment Protection Licence: 1722

Test Information		EPA Parameters								General		
Limits	Date of Results report Obtained	Report Number	Conductivity	Oxidised Nitrogen	Total Nitrogen	pH	Redox Potential	Standing Water Level	Total Kjeldahl Nitrogen	Total Phosphorus	Comments	
			50 th %ile Max									
			90 th %ile Max									
			100 th %ile Min									
			100 th %ile Max									
Units			uS/cm	mg/L	mg/L	0	mV	m	mg/L	mg/L		
No of Samples			0	0	0	0	0	0	0	0		
Samples Required by EPL			2	2	2	2	2	2	2	2		
Minimum			0.00	0	0	0.00	0	0.0	0.00	0		
Average			0.00	0	0	0.00	0	0.0	0.00	0		
Samples < 50th percentile limit			-	-	-	-	-	-	-	-		
Samples < 90th percentile limit			-	-	-	-	-	-	-	-		
Samples within 100th percentile limits			-	-	-	-	-	-	-	-		
Maximum			0	0	0	0	0	0	0	0		
Notes												

Sewer - Armidale

Armidale STP - Online EPA Results - EPA P17

01 May 2023 - 30 Apr 2024

Quality Monitoring

Report Generated: Saturday, 13 April 2024

Environment Protection Licence: 1722

Test Information		EPA Parameters							General			
Limits	Date of Results report Obtained	Report Number	Conductivity	Oxidised Nitrogen	Total Nitrogen	pH	Redox Potential	Standing Water Level	Total Kjeldahl Nitrogen	Total Phosphorus	Comments	
			50 th %ile Max									
			90 th %ile Max									
			100 th %ile Min									
			100 th %ile Max									
Units												
14/09/2023			3235			7.47	131	955.63				
26/09/2023				0.63	3				2.4	0.2		
No of Samples			1	1	1	1	1	1	1	1		
Samples Required by EPL			2	2	2	2	2	2	2	2		
Minimum			0.00	0	0	0.00	0	0.0	0.00	0		
Average			1078.67	1	1	2.82	44	318.9	1.13	0		
Samples < 50th percentile limit			-	-	-	-	-	-	-	-		
Samples < 90th percentile limit			-	-	-	-	-	-	-	-		
Samples within 100th percentile limits			-	-	-	-	-	-	-	-		
Maximum			3235	1	3	7.47	131	955.63	2.4	1		
Notes												