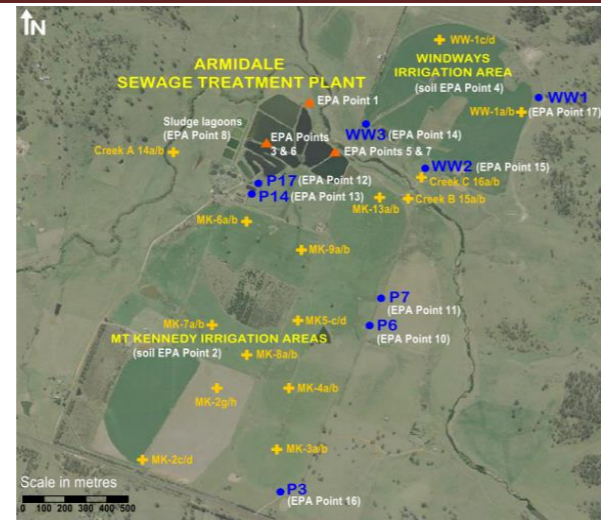


| | |
|------------------------------|---|
| EPA License Number: | 1722 |
| Link to Licence: | https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicense.aspx?DOCID=201839&SYSUID=1&LICID=1722 |
| Licensee Name: | Armidale Regional Council |
| Licensee Address: | PO Box 75A Armidale NSW 2350 |
| Address of 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: | 9/08/2024 |
| 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 |



Sewer - Armidale

Armidale STP - Online EPA Results

01 May 2023 - 30 Apr 2024

Flow Monitoring

Report Generated: Friday, 09 August 2024

Environment Protection Licence: 1722

| 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 | - | - | |
| 26/08/2023 | Aug 2023 | 3,521 | 2,448 | 0 | 2,426 | 0 | 0 | |
| 27/08/2023 | Aug 2023 | 3,538 | 3,053 | 0 | 2,170 | 0 | 0 | |
| 28/08/2023 | Aug 2023 | 3,421 | 2,921 | 0 | 1,922 | 0 | 0 | |
| 29/08/2023 | Aug 2023 | 3,193 | 3,216 | 0 | 1,862 | 0 | 0 | |
| 30/08/2023 | Aug 2023 | 3,251 | 3,051 | 1 | 1,522 | 0 | 0 | |
| 31/08/2023 | Aug 2023 | 3,342 | 3,455 | 0 | 1,698 | 0 | 0 | |
| 1/09/2023 | Sep 2023 | 3,325 | 3,574 | 0 | 1,376 | 0 | 0 | |
| 2/09/2023 | Sep 2023 | 3,147 | 2,996 | 0 | 1,172 | 0 | 0 | |
| 3/09/2023 | Sep 2023 | 3,100 | 2,729 | 0 | 1,444 | 0 | 0 | |
| 4/09/2023 | Sep 2023 | 3,943 | 2,686 | 0 | 1,826 | 0 | 0 | |
| 5/09/2023 | Sep 2023 | 3,605 | 3,035 | 1 | 2,076 | 0 | 0 | |
| 6/09/2023 | Sep 2023 | 3,383 | 2,855 | 1,153 | 618 | 0 | 0 | |
| 7/09/2023 | Sep 2023 | 3,466 | 3,012 | 1,854 | 294 | 0 | 0 | |
| 8/09/2023 | Sep 2023 | 3,260 | 2,855 | 2,228 | 218 | 0 | 0 | |
| 9/09/2023 | Sep 2023 | 2,916 | 2,681 | 993 | 72 | 0 | 0 | |
| 10/09/2023 | Sep 2023 | 3,103 | 3,098 | 0 | 90 | 0 | 0 | |
| 11/09/2023 | Sep 2023 | 3,116 | 2,874 | 974 | 44 | 0 | 0 | |
| 12/09/2023 | Sep 2023 | 3,158 | 2,694 | 486 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 13/09/2023 | Sep 2023 | 3,243 | 2,696 | 761 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 14/09/2023 | Sep 2023 | 3,262 | 3,004 | 729 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 15/09/2023 | Sep 2023 | 3,210 | 3,207 | 856 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 16/09/2023 | Sep 2023 | 3,445 | 2,880 | 585 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 17/09/2023 | Sep 2023 | 3,583 | 3,003 | 1,089 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 18/09/2023 | Sep 2023 | 3,599 | 3,252 | 1,884 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 19/09/2023 | Sep 2023 | 3,511 | 3,603 | 664 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 20/09/2023 | Sep 2023 | 3,558 | 3,828 | 874 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 21/09/2023 | Sep 2023 | 3,579 | 3,542 | 1,586 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 22/09/2023 | Sep 2023 | 3,010 | 2,668 | 1,143 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 23/09/2023 | Sep 2023 | 2,904 | 2,943 | 2,398 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 24/09/2023 | Sep 2023 | 3,121 | 3,029 | 1,012 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 25/09/2023 | Sep 2023 | 3,218 | 3,151 | 0 | 24 | 0 | 0 | |
| 26/09/2023 | Sep 2023 | 3,182 | 2,646 | 839 | 54 | 0 | 0 | |
| 27/09/2023 | Sep 2023 | 3,400 | 2,730 | 964 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 28/09/2023 | Sep 2023 | 3,329 | 3,231 | 667 | 30 | 0 | 0 | |
| 29/09/2023 | Sep 2023 | 3,322 | 2,790 | 0 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 30/09/2023 | Sep 2023 | 3,184 | 2,687 | 798 | 26 | 0 | 0 | |
| 1/10/2023 | Oct 2023 | 3,066 | 2,891 | 2,114 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 2/10/2023 | Oct 2023 | 3,558 | 2,691 | 1,489 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 3/10/2023 | Oct 2023 | 3,571 | 2,804 | 854 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 4/10/2023 | Oct 2023 | 3,537 | 2,594 | 2,171 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 5/10/2023 | Oct 2023 | 3,578 | 2,494 | 0 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 6/10/2023 | Oct 2023 | 3,089 | 2,914 | 0 | 36 | 0 | 0 | |
| 7/10/2023 | Oct 2023 | 3,050 | 3,069 | 0 | 40 | 0 | 0 | |
| 8/10/2023 | Oct 2023 | 3,265 | 2,975 | 0 | 48 | 0 | 0 | |
| 9/10/2023 | Oct 2023 | 3,621 | 3,199 | 0 | 32 | 0 | 0 | |
| 10/10/2023 | Oct 2023 | 3,252 | 2,599 | 0 | 26 | 0 | 0 | |
| 11/10/2023 | Oct 2023 | 3,416 | 3,010 | 747 | 52 | 0 | 0 | |
| 12/10/2023 | Oct 2023 | 3,964 | 3,562 | 1,395 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 13/10/2023 | Oct 2023 | 3,153 | 3,023 | 0 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 14/10/2023 | Oct 2023 | 3,297 | 2,919 | 1,970 | 40 | 0 | 0 | |
| 15/10/2023 | Oct 2023 | 3,447 | 2,874 | 3,146 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 16/10/2023 | Oct 2023 | 3,516 | 2,173 | 1,919 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 17/10/2023 | Oct 2023 | 3,256 | 3,096 | 0 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 18/10/2023 | Oct 2023 | 3,012 | 3,484 | 1,592 | 48 | 0 | 0 | |
| 19/10/2023 | Oct 2023 | 3,255 | 3,506 | 1,305 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 20/10/2023 | Oct 2023 | 3,309 | 3,407 | 980 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 21/10/2023 | Oct 2023 | 3,475 | 2,936 | 2,453 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 22/10/2023 | Oct 2023 | 3,748 | 2,597 | 1,569 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 23/10/2023 | Oct 2023 | 3,442 | 3,382 | 1,033 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 24/10/2023 | Oct 2023 | 3,558 | 3,212 | 2,428 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 25/10/2023 | Oct 2023 | 3,677 | 3,403 | 1,073 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 26/10/2023 | Oct 2023 | 3,088 | 2,727 | 988 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 27/10/2023 | Oct 2023 | 7,145 | 350 | 141 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 28/10/2023 | Oct 2023 | 3,507 | 2,269 | 0 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 29/10/2023 | Oct 2023 | 3,619 | 3,023 | 0 | 30 | 0 | 0 | |
| 30/10/2023 | Oct 2023 | 4,058 | 3,286 | 0 | 42 | 0 | 0 | |
| 31/10/2023 | Oct 2023 | 3,707 | 2,744 | 0 | 48 | 0 | 0 | |
| 1/11/2023 | Nov 2023 | 3,556 | 3,022 | 0 | 4 | 0 | 0 | |
| 2/11/2023 | Nov 2023 | 3,744 | 2,449 | 7 | 4 | 0 | 0 | |
| 3/11/2023 | Nov 2023 | 3,381 | 3,017 | 0 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 4/11/2023 | Nov 2023 | 3,336 | 3,079 | 2,147 | 32 | 0 | 0 | |
| 5/11/2023 | Nov 2023 | 3,380 | 3,005 | 3,139 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 6/11/2023 | Nov 2023 | 4,379 | 2,742 | 3,145 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 7/11/2023 | Nov 2023 | 3,911 | 2,901 | 1,096 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 8/11/2023 | Nov 2023 | 3,602 | 3,128 | 0 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 9/11/2023 | Nov 2023 | 3,728 | 2,207 | 0 | 22 | 0 | 0 | |
| 10/11/2023 | Nov 2023 | 7,136 | 2,936 | 0 | 6 | 0 | 0 | |
| 11/11/2023 | Nov 2023 | 4,136 | 3,085 | 0 | 506 | 0 | 0 | |
| 12/11/2023 | Nov 2023 | 4,184 | 2,981 | 1,314 | 1,510 | 0 | 0 | |
| 13/11/2023 | Nov 2023 | 4,116 | 2,254 | 2,785 | 732 | 0 | 0 | |
| 14/11/2023 | Nov 2023 | 3,898 | 2,675 | 3,071 | 240 | 0 | 0 | |
| 15/11/2023 | Nov 2023 | 3,811 | 2,770 | 2,675 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 16/11/2023 | Nov 2023 | 3,922 | 2,582 | 2,573 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 17/11/2023 | Nov 2023 | 4,359 | 1,517 | 3,015 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 18/11/2023 | Nov 2023 | 3,522 | 2,908 | 2,259 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 19/11/2023 | Nov 2023 | 3,708 | 2,994 | 2,396 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 20/11/2023 | Nov 2023 | 6,749 | 1,278 | 397 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 21/11/2023 | Nov 2023 | 5,365 | 0 | 0 | 504 | 0 | 0 | |
| 22/11/2023 | Nov 2023 | 5,981 | 0 | 0 | 4,656 | 0 | 0 | |
| 23/11/2023 | Nov 2023 | 4,516 | 0 | 0 | 6,886 | 0 | 0 | |
| 24/11/2023 | Nov 2023 | 4,102 | 0 | 0 | 5,710 | 0 | 0 | |
| 25/11/2023 | Nov 2023 | 6,204 | 0 | 0 | 6,060 | 0 | 0 | |
| 26/11/2023 | Nov 2023 | 8,688 | 0 | 0 | 13,320 | 0 | 0 | |
| 27/11/2023 | Nov 2023 | 5,976 | 0 | 2 | 9,406 | 0 | 0 | |
| 28/11/2023 | Nov 2023 | 4,453 | 0 | 0 | 7,310 | 0 | 0 | |
| 29/11/2023 | Nov 2023 | 4,350 | 0 | 0 | 6,298 | 0 | 0 | |
| 30/11/2023 | Nov 2023 | 3,921 | 1,874 | 0 | 5,168 | 0 | 0 | |
| 1/12/2023 | Dec 2023 | 4,102 | 1,978 | 0 | 3,800 | 0 | 0 | |
| 2/12/2023 | Dec 2023 | 3,802 | 2,492 | 0 | 3,274 | 0 | 0 | |
| 3/12/2023 | Dec 2023 | 4,257 | 2,856 | 0 | 2,552 | 0 | 0 | |
| 4/12/2023 | Dec 2023 | 4,080 | 2,331 | 0 | 1,950 | 0 | 0 | |
| 5/12/2023 | Dec 2023 | 3,979 | 1,590 | 248 | 1,400 | 0 | 0 | |
| 6/12/2023 | Dec 2023 | 4,281 | 2,826 | 0 | 466 | 0 | 0 | |
| 7/12/2023 | Dec 2023 | 4,308 | 3,198 | 0 | 168 | 0 | 0 | |
| 8/12/2023 | Dec 2023 | 4,605 | 2,897 | 1,151 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 9/12/2023 | Dec 2023 | 4,260 | 3,038 | 1,552 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 10/12/2023 | Dec 2023 | 4,016 | 2,267 | 2,025 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 11/12/2023 | Dec 2023 | 3,847 | 2,101 | 2,503 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 12/12/2023 | Dec 2023 | 3,885 | 2,129 | 638 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 13/12/2023 | Dec 2023 | 4,042 | 3,028 | 0 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 14/12/2023 | Dec 2023 | 4,920 | 3,283 | 1,118 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 15/12/2023 | Dec 2023 | 5,147 | 3,538 | 1,607 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 16/12/2023 | Dec 2023 | 4,597 | 3,138 | 2,102 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 17/12/2023 | Dec 2023 | 4,072 | 2,660 | 1,614 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 18/12/2023 | Dec 2023 | 4,243 | 1,978 | 1,859 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 19/12/2023 | Dec 2023 | 6,414 | 2,014 | 2,970 | 0 | 0 | 0 | EPA P1 Comment: Visually no flow over weir |
| 20/12/2023 | Dec 2023 | 17,994 | 289 | 526 | 7,440 | 0 | 0 | |



Sewer - Armidale

Armidale STP - Online EPA Results

Flow Monitoring

Environment Protection Licence: 1722

01 May 2023 - 30 Apr 2024

Report Generated: Friday, 09 August 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 | 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

01 May 2023 - 30 Apr 2024

Armidale STP - Online EPA Results

Flow Monitoring

Report Generated: Friday, 09 August 2024

Environment Protection Licence: 1722

| 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 | - | - | |
| 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 | |
| 13/04/2024 | Apr 2024 | 4,366 | 0 | 0 | 6,314 | 0 | 0 | |
| 14/04/2024 | Apr 2024 | 4,325 | 0 | 0 | 6,304 | 0 | 0 | |
| 15/04/2024 | Apr 2024 | 4,769 | 0 | 0 | 5,902 | 0 | 0 | |
| 16/04/2024 | Apr 2024 | 5,253 | 0 | 0 | 6,740 | 0 | 0 | |
| 17/04/2024 | Apr 2024 | 5,403 | 0 | 0 | 6,964 | 0 | 0 | |
| 18/04/2024 | Apr 2024 | 7,059 | 0 | 0 | 7,986 | 0 | 0 | |
| 19/04/2024 | Apr 2024 | 5,748 | 0 | 0 | 8,550 | 0 | 0 | |
| 20/04/2024 | Apr 2024 | 4,773 | 0 | 0 | 7,832 | 0 | 0 | |
| 21/04/2024 | Apr 2024 | 4,300 | 0 | 0 | 6,728 | 0 | 0 | |
| 22/04/2024 | Apr 2024 | 4,832 | 0 | 0 | 6,184 | 0 | 0 | |
| 23/04/2024 | Apr 2024 | 4,469 | 0 | 0 | 6,490 | 0 | 0 | |
| 24/04/2024 | Apr 2024 | 3,978 | 0 | 0 | 6,034 | 0 | 0 | |
| 25/04/2024 | Apr 2024 | 4,017 | 0 | 0 | 5,546 | 0 | 0 | |
| 26/04/2024 | Apr 2024 | 3,936 | 0 | 0 | 5,492 | 0 | 0 | |
| 27/04/2024 | Apr 2024 | 3,798 | 0 | 0 | 5,506 | 0 | 0 | |
| 28/04/2024 | Apr 2024 | 3,872 | 0 | 0 | 5,280 | 0 | 0 | |
| 29/04/2024 | Apr 2024 | 3,895 | 0 | 0 | 5,424 | 0 | 0 | |
| 30/04/2024 | Apr 2024 | 3,759 | 0 | 0 | 5,604 | 0 | 0 | |
| Minimum | | 2,280 | 0 | 0 | 0 | 0 | 0 | |
| Minimum > 0 | | 2,280.00 | 27.00 | 1.00 | 4.00 | | | |
| Average | | 4,321 | 2,056 | 587 | 2,802 | 0 | 0 | |
| Average > 0 | | 4,321 | 2,492 | 1,567 | 3,770 | | | |
| Maximum | | 22,853 | 3,828 | 3,399 | 24,392 | 0 | 0 | |
| Dry Weather Exceedances | | | | | | | | |
| Wet Weather Exceedances | | | | | | | | |
| Total Exceedances | | - | - | - | 4 | - | - | |
| Total | | 1,581,363 | 752,590 | 214,689 | 1,025,406 | 0 | 0 | |
| No of Measurements | | 366 | 366 | 366 | 366 | 366 | 366 | |
| No of Measurements > 0 | | 366 | 302 | 137 | 272 | 0 | 0 | |
| Notes: | | | | | | | | |

Sewer - Armidale

Armidale STP - Online EPA Results - EPA P1

01 May 2023 - 30 Apr 2024

Quality Monitoring

Report Generated: Friday, 09 August 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 | 3/10/2023 | September 2023 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | No outflow due to irrigation |
| 31/10/2023 | 6/11/2023 | October 2023 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | No outflow due to irrigation |
| 29/11/2023 | 5/12/2023 | November 2023 | 7.5 | 709 | 400 | 2.64 | 10.8 | <10 | 7.78 | 7 | 12.6 | 17.5 | |
| 28/12/2023 | 2/01/2024 | December 2023 | 6 | 630 | 450 | 2 | 7.21 | <10 | 7.94 | 5.66 | 10.6 | 15 | |
| 31/01/2024 | 5/02/2024 | January 2024 | 12 | 582 | 200 | 0.18 | 1.22 | <10 | 8.6 | 5.48 | 4.22 | 30 | |
| 28/02/2024 | 4/03/2024 | February 2024 | 8.8 | 557 | 40 | 4.08 | 1.28 | <10 | 8.5 | 4.4 | 3.72 | 13 | |
| 13/04/2024 | 3/04/2024 | March 2024 | 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

Quality Monitoring

Environment Protection Licence: 1722

01 May 2022 - 30 Apr 2025

Report Generated: Friday, 09 August 2024

| 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 | | | 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 | 12/07/2022 | June 22 | Prairie North 14a | 60.7 | 0.121 | 2425 | 736 | 216 | 127 | 2.8 | 16.5 | 5.37 | 6.36 | 1600 | | Aggregate Stability: Water stable, no swell. | | | |
| 28/06/2022 | 12/07/2022 | June 22 | Prairie North 14b | 62.2 | 0.088 | 2105 | 438 | 65 | 230 | 6.5 | 1.12 | 1.06 | 7.24 | | | Aggregate Stability Slake 3 | | | |
| 12/07/2022 | 28/06/2022 | June 22 | Shed 12b | 33.7 | 0.062 | 805 | 268 | 308 | 22 | 1.3 | 2 | 1.3 | 7.04 | | | Aggregate Stability: Slake 1 | | | |
| 13/06/2023 | 6/06/2023 | June 23 | 5 Tower 2c | 8 | 29.8 | 0.081 | 1058 | 254 | 67 | 68 | 3.59 | 7.4 | 1.96 | 1400 | | | | | |
| 13/06/2023 | 6/06/2023 | June 23 | 5 Tower 2d | | 0.1 | 0.072 | 992 | 459 | 55 | 133 | 5.9 | 0.4 | 0.71 | 14300 | | Aggregate Stability Slake 3 | | | |
| 13/06/2023 | 6/06/2023 | June 23 | Fescue 1 3a | 8 | 15.83855 | 0.124 | 1240 | 437 | 101 | 136 | 5.3 | 7.5 | 2.7 | 2000 | | | | | |
| 13/06/2023 | 6/05/2024 | June 23 | Fescue 1 3b | | 0.1 | 0.077 | 569 | 443 | 57 | 236 | 12.8 | 0 | 0.29 | 7100 | | Aggregate Stability: Slake 3 | | | |
| 13/06/2023 | 6/06/2023 | June 23 | East Paddock 5c | 8 | 40.3 | 0.142 | 1678 | 542 | 295 | 120 | 3.6 | 11.5 | 3.98 | 1700 | | | | | |
| 13/06/2023 | 6/06/2023 | June 23 | East Paddock 5d | | 3.2 | 0.064 | 942 | 425 | 490 | 91 | 3.9 | 0.4 | 0.97 | 7300 | | Aggregate Stability Slake 2 | | | |
| 13/06/2023 | 6/06/2023 | June 23 | Rye 3 8a | 8 | 37.6 | 0.131 | 14.92 | 451 | 243 | 98 | 3.4 | 8.2 | 3.23 | 1200 | | | | | |
| 13/06/2023 | 6/06/2023 | June 23 | Rye 3 8b | | 7.4 | 0.106 | 786 | 331 | 146 | 256 | 13.3 | 0 | 0.45 | 5300 | | Aggregate Stability Slake 2 | | | |
| 13/06/2023 | 6/06/2023 | June 23 | Rye 4 9a | 8 | 21.9 | 0.122 | 1622 | 492 | 153 | 158 | 5.1 | 8 | 3.17 | 1300 | | | | | |
| 13/06/2023 | 6/06/2023 | June 23 | Rye 4 9b | | 0.1 | 0.098 | 672 | 345 | 111 | 285 | 15.7 | 0 | 0.37 | 5000 | | Aggregate Stability Slake 3 | | | |
| No of Samples | | | | 5 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 18 | | | | | |
| Samples Required by EPL | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | |
| Minimum | | | | 8.00 | 0.1 | 0.062 | 14.92 | 87 | 46.0 | 22.00 | 0.80 | 0.00 | 0.18 | 900 | | | | | |
| Average | | | | 8.00 | 23 | 0 | 1095.09 | 397 | 193.7 | 162.48 | 7.35 | 6.18 | 1.97 | 3667 | | | | | |
| Samples < 50th percentile limit | | | | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| Samples < 90th percentile limit | | | | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| Samples within 100th percentile limits | | | | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| Maximum | | | | 8 | 62.2 | 0.404 | 2425 | 736 | 706 | 763 | 18.9 | 22.9 | 5.37 | 14300 | | | | | |
| Notes | | | | | | | | | | | | | | | | | | | |

Sewer - Armidale

Armidale STP - Online EPA Results - EPA P4

01 May 2022 - 30 Apr 2025

Quality Monitoring

Report Generated: Friday, 09 August 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 | % | | | | | | |
| 12/07/2022 | 12/07/2022 | June 22 | Windways 1e | | 53.4 | 0.24 | 2551 | 864 | 205 | 177 | 3.6 | 26.9 | 3.24 | 6.85 | 2200 | Aggregate Stability: Water stable swell | | | |
| 13/06/2023 | 6/06/2023 | June 23 | Windways 1a | 8 | 26.2 | 0.119 | 1332 | 363 | 221 | 110 | 4.4 | 15.1 | 2.28 | 6.82 | 1100 | | | | |
| 13/06/2023 | 6/06/2023 | June 23 | Windways 1b | | 0.1 | 0.086 | 1053 | 945 | 82 | 304 | 8.9 | 0 | 0.26 | 7.04 | 4800 | Aggregate Stability: Slake 3 | | | |
| 13/06/2023 | 6/06/2023 | June 23 | Creek north 16a | 8 | 9 | 0.445 | 2305 | 949 | 150 | 449 | 8.95 | 1.1 | 3.04 | 6.65 | 2200 | | | | |
| 13/06/2023 | 6/06/2023 | June 23 | Creek north 16b | | 0.1 | 0.331 | 2137 | 886 | 111 | 364 | 7.82 | 0 | 0.87 | 6.6 | 2500 | Aggregate Stability: Slake 1 | | | |
| No of Samples | | | | 2 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | | |
| Samples Required by EPL | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | |
| Minimum | | | | 8.00 | 0.1 | 0.086 | 1053.00 | 363 | 82.0 | 110.00 | 3.60 | 0.00 | 0.26 | 6.60 | 1100 | | | | |
| Average | | | | 8.00 | 18 | 0 | 1875.60 | 801 | 153.8 | 280.80 | 6.73 | 8.62 | 1.94 | 6.79 | 2560 | | | | |
| Samples < 50th percentile limit | | | | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| Samples < 90th percentile limit | | | | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| Samples within 100th percentile limits | | | | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| Maximum | | | | 8 | 53.4 | 0.445 | 2551 | 949 | 221 | 449 | 8.95 | 26.9 | 3.24 | 7.04 | 4800 | | | | |
| Notes | | | | | | | | | | | | | | | | | | | |

| | Test Information | | EPA Parameters | | | | | | | | | | | General | | | |
|--|---------------------------------|---------------|--------------------------|---------------|----------------|--------------|----------------|-----------------|----------------|--------------|------|------------------|-----------------|--------------|-------------------------|------------------------|----------|
| | 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 |
| Limits | | | | | | | | | | | | | | | | | |
| 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 | 5/02/2024 | | 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 | 4/03/2024 | | 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 | 3/04/2024 | | 13.5 | 33 | 58 | 690 | 700 | 21.8 | 19.2 | <10 | 7.95 | 6.38 | 17.7 | 68.3 | 2.3 | 23 | |
| | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | |
| No of Samples | | | 11 | 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 P7

01 May 2023 - 30 Apr 2024

Quality Monitoring

Report Generated: Friday, 09 August 2024

Environment Protection Licence: 1722

| 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 | 6/06/2023 | May 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 | 4/07/2023 | June 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 | 1/08/2023 | July 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 | 5/09/2023 | August 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 | 3/10/2023 | September 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 | 6/11/2023 | October 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 | 5/12/2023 | November 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 | 2/01/2024 | December 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 | 5/02/2024 | | 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 | 4/03/2024 | | 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 | 3/04/2024 | | 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 | 12 | 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: Friday, 09 August 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 | | | mg/kg | mg/kg | uS/cm | mg/kg | % | mg/kg | mg/kg | | mg/kg | mg/kg | mg/kg | | mg/kg | | | |
| 8/08/2023 | 3/08/2023 | Lagoon 1 August 2023 | 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 P10

01 May 2023 - 30 Apr 2024

Quality Monitoring

Report Generated: Friday, 09 August 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 | | |
| 16/10/2023 | 26/09/2023 | September 2023 | 1168 | 0.06 | 1 | 6.72 | 217 | 657.21 | 1 | <0.01 | | |
| 22/04/2024 | 14/04/2024 | | 1193 | <0.01 | 0.6 | 6.69 | 136 | 657.38 | 0.6 | <0.01 | | |
| No of Samples | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| 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 | | | 590.75 | 1 | 1 | 3.85 | 89 | 329.1 | 0.90 | 1 | | |
| Samples < 50th percentile limit | | | - | - | - | - | - | - | - | - | | |
| Samples < 90th percentile limit | | | - | - | - | - | - | - | - | - | | |
| Samples within 100th percentile limits | | | - | - | - | - | - | - | - | - | | |
| Maximum | | | 1193 | 2 | 2 | 6.72 | 217 | 657.38 | 2 | 2 | | |
| Notes | | | | | | | | | | | | |

Sewer - Armidale

Armidale STP - Online EPA Results - EPA P11

01 May 2023 - 30 Apr 2024

Quality Monitoring

Report Generated: Friday, 09 August 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 | | |
| 16/10/2023 | 26/09/2023 | September 2023 | 318 | 0.06 | 0.2 | 7.58 | 213 | 960.31 | 0.2 | 0.16 | | |
| 22/04/2024 | 14/04/2024 | | 336 | 0.07 | 0.3 | 7.68 | 133 | 960.72 | 0.2 | 0.12 | | |
| No of Samples | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| 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 | | | 164.00 | 1 | 1 | 4.32 | 87 | 480.8 | 0.60 | 1 | | |
| Samples < 50th percentile limit | | | - | - | - | - | - | - | - | - | | |
| Samples < 90th percentile limit | | | - | - | - | - | - | - | - | - | | |
| Samples within 100th percentile limits | | | - | - | - | - | - | - | - | - | | |
| Maximum | | | 336 | 2 | 2 | 7.68 | 213 | 960.72 | 2 | 2 | | |
| Notes | | | | | | | | | | | | |

Sewer - Armidale

Armidale STP - Online EPA Results - EPA P12

01 May 2023 - 30 Apr 2024

Quality Monitoring

Report Generated: Friday, 09 August 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 | | |
| 16/10/2023 | 26/09/2023 | September 2023 | 3235 | 0.63 | 3 | 7.47 | 131 | 955.63 | 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 | | | | | | | | | | | | |

Sewer - Armidale

Armidale STP - Online EPA Results - EPA P13

01 May 2023 - 30 Apr 2024

Quality Monitoring

Report Generated: Friday, 09 August 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 | | |
| 16/10/2023 | 26/09/2023 | September 2023 | 417 | 0.28 | 0.9 | 7 | 164 | 959.69 | 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 P14

01 May 2023 - 30 Apr 2024

Quality Monitoring

Report Generated: Friday, 09 August 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 | | |
| 16/10/2023 | 26/09/2023 | September 2023 | 777 | <0.01 | 0.2 | 7.26 | 64 | 954.61 | 0.2 | 0.04 | | |
| 22/04/2024 | 14/04/2024 | April 2024 | 921 | <0.01 | <0.1 | 7.3 | 35 | 954.32 | <0.1 | 0.01 | | |
| No of Samples | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| 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 | | | 425.00 | 1 | 1 | 4.14 | 25 | 477.7 | 0.80 | 1 | | |
| Samples < 50th percentile limit | | | - | - | - | - | - | - | - | - | | |
| Samples < 90th percentile limit | | | - | - | - | - | - | - | - | - | | |
| Samples within 100th percentile limits | | | - | - | - | - | - | - | - | - | | |
| Maximum | | | 921 | 2 | 2 | 7.3 | 64 | 954.61 | 2 | 2 | | |
| Notes | | | | | | | | | | | | |

Sewer - Armidale

Armidale STP - Online EPA Results - EPA P15

01 May 2023 - 30 Apr 2024

Quality Monitoring

Report Generated: Friday, 09 August 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 | | |
| 16/10/2023 | 26/09/2023 | September 2023 | 971 | 0.15 | 0.8 | 6.89 | 117 | 953.73 | 0.6 | <0.01 | | |
| 22/04/2024 | 14/04/2024 | | 1192 | 0.16 | 0.2 | 7 | 125 | 953.72 | <0.1 | <0.01 | | |
| No of Samples | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| 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 | | | 541.25 | 1 | 1 | 3.97 | 61 | 477.4 | 0.90 | 1 | | |
| Samples < 50th percentile limit | | | - | - | - | - | - | - | - | - | | |
| Samples < 90th percentile limit | | | - | - | - | - | - | - | - | - | | |
| Samples within 100th percentile limits | | | - | - | - | - | - | - | - | - | | |
| Maximum | | | 1192 | 2 | 2 | 7 | 125 | 953.73 | 2 | 2 | | |
| Notes | | | | | | | | | | | | |

Sewer - Armidale

Armidale STP - Online EPA Results - EPA P16
Quality Monitoring

01 May 2023 - 30 Apr 2024

Report Generated: Friday, 09 August 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 | September 2023 | uS/cm | mg/L | mg/L | 0 | mV | m | mg/L | mg/L | |
| | 22/04/2024 | | | | | | | | | | |
| | | | | | | | | | | | DRY |
| | | | | | | | | | | | DRY |
| 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: Friday, 09 August 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 | | |
| 16/10/2023 | 26/09/2023 | September 2023 | 1134 | 1.19 | 1.4 | 7 | 159 | 968.94 | 0.2 | 0.01 | | |
| 22/04/2024 | 14/04/2024 | April 2024 | 1414 | 1.01 | 1 | 6.93 | 123 | 968.33 | <0.1 | <0.01 | | |
| No of Samples | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| 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 | | | 637.50 | 1 | 1 | 3.98 | 71 | 484.8 | 0.80 | 1 | | |
| Samples < 50th percentile limit | | | - | - | - | - | - | - | - | - | | |
| Samples < 90th percentile limit | | | - | - | - | - | - | - | - | - | | |
| Samples within 100th percentile limits | | | - | - | - | - | - | - | - | - | | |
| Maximum | | | 1414 | 2 | 2 | 7 | 159 | 968.94 | 2 | 2 | | |
| Notes | | | | | | | | | | | | |