

## Snowy Valleys Council

### Performance Monitoring 2018-2019

In accordance with the Protection of the Environment Operations Act 1997 (POEO Act)  
Snowy Valleys Council, 76 Capper Street, TUMUT NSW 2720

(Former Tumut Shire) Anniversary Date: 1 June

| Location                             | Sample Pt  | Sample Number | Test Data Received | Publishing Date | Sample Date | Analysis Results  |                   |                   |                    |                  |                      |                      |                          |                          |              |
|--------------------------------------|------------|---------------|--------------------|-----------------|-------------|---|-------------------|-------------------|--------------------|------------------|----------------------|----------------------|--------------------------|--------------------------|--------------|
| Site Map                             |            |               |                    |                 |             | <a href="http://www.tumut.nsw.gov.au/wp-content/uploads/Adelong-STP-Map.pdf">http://www.tumut.nsw.gov.au/wp-content/uploads/Adelong-STP-Map.pdf</a>   |                   |                   |                    |                  |                      |                      |                          |                          |              |
| Licence Link                         |            |               |                    |                 |             | <a href="http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=79287&amp;SYSUID=1&amp;LICID=1773">http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=79287&amp;SYSUID=1&amp;LICID=1773</a> |                   |                   |                    |                  |                      |                      |                          |                          |              |
| Licence Number: 1773                 |            |               |                    |                 |             | Ammonia (asN)   | Total Nitrogen    | Tot.Phosp (asP)   | BOD                | pH               | Susp.Solids          | Tot Oil & Grease     | Faecal Coliform Env.     |                          | Conductivity |
| Adelong STP Effluent Samples         |            |               |                    |                 |             | Ammonia<br>mg/L N   | Total N<br>mg/L N | Total P<br>mg/L P | BOD Result<br>mg/L | pH<br>pH units   | Susp. solids<br>mg/L | Oil & grease<br>mg/L | Pres. Count<br>CFU/100mL | Conf. Count<br>CFU/100mL | uS/cm        |
| <b>Licence Limit -100 percentile</b> |            |               |                    |                 |             | <b>5</b>  | <b>20</b>         | <b>1</b>          | <b>20</b>          | <b>6.5 - 8.5</b> | <b>30</b>            | <b>10</b>            | -                        | -                        | -            |
| Adelong STP Effluent                 | ADEEPA-Pt1 | CA1803499-001 | 15/06/2018         | 28/06/2018      | 6/06/2018   | <0.1  | 5.27              | 0.54              | <2                 | 7.89             | <2                   | <1                   | <2                       | <2                       | 568          |
| Adelong STP Effluent                 | ADEEPA-Pt1 | CA1805414-001 | 19/09/2018         | 14/11/2018      | 5/09/2018   | 0.1   | 4.55              | 0.4               | <2                 | 7.89             | 5                    | <1                   | <1                       | <1                       | 577          |
| Adelong STP Effluent                 | ADEEPA-Pt1 | CA1807423-003 | 20/12/2018         | 21/12/2018      | 5/12/2018   | 0.4   | 0.96              | 0.05              | 3                  | 8.72             | 8                    | <1                   | 42                       | 42                       | 601          |
| Adelong STP Effluent                 | ADEEPA-Pt1 | CA1901669-002 | 23/03/2019         | 3/04/2019       | 6/03/2019   | <0.1  | 1.67              | 0.14              | 2                  | 8.04             | 6                    | -                    | <2                       | <2                       | 833          |
| Adelong STP Effluent                 | ADEEPA-Pt1 | CA1901872-001 | 28/03/2019         | 3/04/2019       | 15/03/2019  | -   | -                 | -                 | -                  | -                | -                    | <1                   | -                        | -                        | -            |

| Location                             | Sample Pt    | Sample Number | Test Data Received | Publishing Date | Sample Date | Analysis Results  |                   |                   |                    |                  |                      |                      |                          |                          |              |
|--------------------------------------|--------------|---------------|--------------------|-----------------|-------------|---|-------------------|-------------------|--------------------|------------------|----------------------|----------------------|--------------------------|--------------------------|--------------|
| Site Map                             |              |               |                    |                 |             | <a href="http://www.tumut.nsw.gov.au/wp-content/uploads/Batlow-STP-Map.pdf">http://www.tumut.nsw.gov.au/wp-content/uploads/Batlow-STP-Map.pdf</a>   |                   |                   |                    |                  |                      |                      |                          |                          |              |
| Licence Link                         |              |               |                    |                 |             | <a href="http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=79288&amp;SYSUID=1&amp;LICID=1774">http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=79288&amp;SYSUID=1&amp;LICID=1774</a> |                   |                   |                    |                  |                      |                      |                          |                          |              |
| Licence Number: 1774                 |              |               |                    |                 |             | Ammonia (asN)   | Total Nitrogen    | Tot.Phosp (asP)   | BOD                | pH               | Susp.Solids          | Tot Oil & Grease     | Faecal Coliform Env.     |                          | Conductivity |
| Batlow STP Effluent Samples          |              |               |                    |                 |             | Ammonia<br>mg/L N   | Total N<br>mg/L N | Total P<br>mg/L P | BOD Result<br>mg/L | pH<br>pH units   | Susp. solids<br>mg/L | Oil & grease<br>mg/L | Pres. Count<br>CFU/100mL | Conf. Count<br>CFU/100mL | uS/cm        |
| <b>Licence Limit -100 percentile</b> |              |               |                    |                 |             | <b>5</b>  | <b>20</b>         | <b>1</b>          | <b>20</b>          | <b>6.5 - 8.5</b> | <b>45</b>            | <b>10</b>            | -                        | -                        | -            |
| Batlow STP Effluent                  | Bat-EPA Pt 1 | CA1803535-001 | 20/06/2018         | 28/06/2018      | 7/06/2018   | <0.1  | 6.4               | 0.1               | <2                 | 7.11             | 3                    | <1                   | <2                       | <2                       | 376          |
| Batlow STP Effluent                  | Bat-EPA Pt 1 | CA1805412-001 | 17/09/2018         | 14/11/2018      | 5/09/2018   | 7.9   | 11.3              | 0.08              | <2                 | 7.59             | 3                    | <1                   | 7                        | 7                        | 506          |
| Batlow STP Effluent                  | Bat-EPA Pt 1 | CA1807424-001 | 20/12/2018         | 21/12/2018      | 5/12/2018   | 0.4   | 2.51              | 0.12              | <2                 | 7.79             | <2                   | <1                   | <2                       | <2                       | 489          |
| Batlow STP Effluent                  | Bat-EPA Pt 1 | CA1901695-002 | 23/03/2019         | 3/04/2019       | 7/03/2019   | 0.2   | 2.56              | 0.04              | <2                 | 7.63             | 4                    | <1                   | 62                       | 62                       | 487          |

| Location                             | Sample Pt  | Sample Number | Test Data Received | Publishing Date | Sample Date | Analysis Results  |                   |                   |                    |                  |                      |                      |                          |                          |              |
|--------------------------------------|------------|---------------|--------------------|-----------------|-------------|---|-------------------|-------------------|--------------------|------------------|----------------------|----------------------|--------------------------|--------------------------|--------------|
| Site Map                             |            |               |                    |                 |             | <a href="http://www.tumut.nsw.gov.au/wp-content/uploads/Brungle-STP-Map.pdf">http://www.tumut.nsw.gov.au/wp-content/uploads/Brungle-STP-Map.pdf</a>   |                   |                   |                    |                  |                      |                      |                          |                          |              |
| Licence Link                         |            |               |                    |                 |             | <a href="http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=31845&amp;SYSUID=1&amp;LICID=12351">http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=31845&amp;SYSUID=1&amp;LICID=12351</a> |                   |                   |                    |                  |                      |                      |                          |                          |              |
| Licence Number: 12351                |            |               |                    |                 |             | Ammonia (asN)   | Total Nitrogen    | Tot.Phosp (asP)   | BOD                | pH               | Susp.Solids          | Tot Oil & Grease     | Faecal Coliform Env.     |                          | Conductivity |
| Brungle Effluent Samples             |            |               |                    |                 |             | Ammonia<br>mg/L N   | Total N<br>mg/L N | Total P<br>mg/L P | BOD Result<br>mg/L | pH<br>pH units   | Susp. solids<br>mg/L | Oil & grease<br>mg/L | Pres. Count<br>CFU/100mL | Conf. Count<br>CFU/100mL | uS/cm        |
| <b>Licence Limit -100 percentile</b> |            |               |                    |                 |             |   | <b>30</b>         | <b>2</b>          | <b>30</b>          | <b>6.5 - 8.5</b> | <b>40</b>            |                      | <b>1000</b>              | <b>1000</b>              | -            |
| Brungle STP Effluent                 | BRUEPA-PT1 | CA1803534-001 | 20/06/2018         | 28/06/2018      | 7/06/2018   | 1.6   | 2.9               | 0.49              | 2                  | 7.44             | 14                   | <1                   | <2                       | <2                       | 442          |
| Brungle STP Effluent                 | BRUEPA-PT1 | CA1805583-001 | 24/09/2018         | 14/11/2018      | 13/09/2018  | 3.1   | 5.27              | 0.26              | <2                 | 7.57             | 30                   | <1                   | 2                        | 2                        | 469          |
| Brungle STP Effluent                 | BRUEPA-PT1 | CA1807423-002 | 20/12/2018         | 21/12/2018      | 5/12/2018   | 0.1   | 3.14              | 0.24              | <2                 | 7.59             | 10                   | <1                   | <2                       | <2                       | 462          |
| Brungle STP Effluent                 | BRUEPA-PT1 | CA1901695-003 | 23/03/2019         | 3/04/2019       | 7/03/2019   | <0.1  | 3.77              | 0.19              | <2                 | 7.71             | 6                    | <1                   | <2                       | <2                       | 426          |

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| Site Map                             |            |               |                    |                 |             | <a href="http://www.tumut.nsw.gov.au/wp-content/uploads/Talbingo-STP-Map.pdf">http://www.tumut.nsw.gov.au/wp-content/uploads/Talbingo-STP-Map.pdf</a>   |                |                  |            |                  |             |                  |                      |            |              |
| Licence Link                         |            |               |                    |                 |             | <a href="http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=79290&amp;SYSUID=1&amp;LICID=5119">http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=79290&amp;SYSUID=1&amp;LICID=5119</a> |                |                  |            |                  |             |                  |                      |            |              |
| Licence Number: 5119                 |            |               |                    |                 |             | Ammonia (asN)   | Total Nitrogen | Tot.Phosph (asP) | BOD        | pH               | Susp.Solids | Tot Oil & Grease | Faecal Coliform Env. |            | Conductivity |
| Talbingo STP - Filter                |            |               |                    |                 |             | Ammonia   | Total N        | Total P          | BOD Result | pH               | Susp_solids | Oil & grease     | Pres_Count           | Conf_Count |              |
|                                      |            |               |                    |                 |             | mg/L N  | mg/L N         | mg/L P           | mg/L       | pH units         | mg/L        | mg/L             | CFU/100mL            | CFU/100mL  | uS/cm        |
| <b>Licence Limit -100 percentile</b> |            |               |                    |                 |             | <b>10</b>   | <b>25</b>      | <b>1.5</b>       | <b>25</b>  | <b>6.5 - 8.5</b> | <b>35</b>   | <b>10</b>        |                      |            |              |
| Downstream of final sand filter      | TALEPA-PT1 | CA1803591-001 | 26/06/2018         | 28/06/2018      | 12/06/2018  | 1.8   | 5.37           | 0.1              | <2         | 7.68             | <2          | <1               | 10300                | 10300      |              |
| Downstream of final sand filter      | TALEPA-PT1 | CA1805582-001 | 24/09/2018         | 14/11/2018      | 13/09/2018  | 0.7   | 2.24           | 0.24             | 4          | 7.78             | 8           | <1               | 1900                 | 1900       | 391          |
| Downstream of final sand filter      | TALEPA-PT1 | CA1807420-001 | 20/12/2018         | 21/12/2018      | 5/12/2018   | 0.5   | 2.43           | 0.08             | <2         | 7.45             | <2          | <1               | 4900                 | 3920       | 67           |
| Downstream of final sand filter      | TALEPA-PT1 | CA1901695-001 | 23/03/2019         | 3/04/2019       | 7/03/2019   | <0.1  | 5.86           | 0.17             | <2         | 7.83             | 7           | <1               | 7200                 | 7200       | 460          |
| Talbingo STP - Wetlands              |            |               |                    |                 |             |   |                |                  |            |                  |             |                  |                      |            |              |
| Outlet from Wetlands                 | TALEPA-Pt3 | CA1805582-003 | 24/09/2018         | 14/11/2018      | 13/09/2018  | <0.1  | 0.57           | 0.01             | <2         | 7.61             | 3           | <1               | 1000                 | 1000       | 322          |

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| Site Map                             |           |               |                    |                 |             | <a href="http://www.tumut.nsw.gov.au/wp-content/uploads/Tumut-STP-Map.pdf">http://www.tumut.nsw.gov.au/wp-content/uploads/Tumut-STP-Map.pdf</a>   |                |                  |            |                  |             |                  |                      |             |              |
| Licence Link                         |           |               |                    |                 |             | <a href="http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=79242&amp;SYSUID=1&amp;LICID=210">http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=79242&amp;SYSUID=1&amp;LICID=210</a> |                |                  |            |                  |             |                  |                      |             |              |
| Licence Number: 210                  |           |               |                    |                 |             | Ammonia (asN)   | Total Nitrogen | Tot.Phosph (asP) | BOD        | pH               | Susp.Solids | Tot Oil & Grease | Faecal Coliform Env. |             | Conductivity |
| Tumut STP Effluent Samples           |           |               |                    |                 |             | Ammonia   | Total N        | Total P          | BOD Result | pH               | Susp_solids | Oil & grease     | Pres_Count           | Conf_Count  |              |
|                                      |           |               |                    |                 |             | mg/L N  | mg/L N         | mg/L P           | mg/L       | pH units         | mg/L        | mg/L             | CFU/100mL            | CFU/100mL   | uS/cm        |
| <b>Licence Limit -100 percentile</b> |           |               |                    |                 |             | <b>5</b>  | <b>20</b>      | <b>0.6</b>       | <b>20</b>  | <b>6.5 - 8.5</b> | <b>30</b>   | <b>10</b>        | <b>1000</b>          | <b>1000</b> | <b>-</b>     |
| Tumut STP Effluent                   | TUMEPA-P1 | CA1803501-001 | 15/06/2018         | 28/06/2018      | 6/06/2018   | 1.6   | 3.5            | 0.11             | 2          | 7.73             | 3           | <1               | 1                    | 1           | 416          |
| Tumut STP Effluent                   | TUMEPA-P1 | CA1804096-001 | 16/07/2018         | 2/08/2018       | 4/07/2018   | 1.2   | 4.4            | 0.13             | <2         | 7.77             | 5           | <1               | 4                    | 4           | 432          |
| Tumut STP Effluent                   | TUMEPA-P1 | CA1804755-001 | 22/08/2018         | 5/09/2018       | 7/08/2018   | 0.3   | 6.11           | 0.08             | 2          | 7.63             | 8           | <1               | <2                   | <2          | 414          |
| Tumut STP Effluent                   | TUMEPA-P1 | CA1805409-001 | 17/09/2018         | 27/09/2018      | 5/09/2018   | 1   | 4.85           | 0.13             | 2          | 7.66             | 4           | <1               | <1                   | <1          | 454          |
| Tumut STP Effluent                   | TUMEPA-P1 | CA1806168-001 | 23/10/2018         | 5/11/2018       | 10/10/2018  | 0.5   | 4.17           | 0.14             | 3          | 7.54             | 6           | <1               | <2                   | <2          | 470          |
| Tumut STP Effluent                   | TUMEPA-P1 | CA1806773-001 | 19/11/2018         | 20/11/2018      | 7/11/2018   | 0.4   | 2.88           | 0.1              | <2         | 7.72             | 4           | <1               | <2                   | <2          | 418          |
| Tumut STP Effluent                   | TUMEPA-P1 | CA1807423-001 | 20/12/2018         | 21/12/2018      | 5/12/2018   | 0.8   | 4              | 0.11             | 4          | 7.82             | 5           | <1               | <2                   | <2          | 448          |
| Tumut STP Effluent                   | TUMEPA-P1 | CA1900230-001 | 24/01/2018         | 30/01/2019      | 24/01/2019  | 0.7   | 4.85           | 0.04             | <2         | 7.83             | 3           | <1               | <1                   | <1          | 442          |
| Tumut STP Effluent                   | TUMEPA-P1 | CA1900910-001 | 19/02/2019         | 27/02/2019      | 6/02/2019   | 0.8   | 5.76           | 0.12             | 2          | 7.76             | 6           | <1               | <2                   | <2          | 448          |
| Tumut STP Effluent                   | TUMEPA-P1 | CA1901669-001 | 23/03/2019         | 3/04/2019       | 6/03/2019   | 0.9   | 4.32           | 0.1              | <2         | 7.83             | 8           | <1               | <2                   | <2          | 455          |
| Tumut STP Effluent                   | TUMEPA-P1 | CA1902434-001 | 26/04/2019         | 3/05/2019       | 5/04/2019   | 1.2   | 4.52           | 0.19             | <2         | 7.59             | 3           | <1               | <2                   | <2          | 438          |
| Tumut STP Effluent                   | TUMEPA-P1 | CA1903179-001 | 30/5/2019          | 7/06/2019       | 9/05/2019   | 0.6   | 4.56           | 0.06             | <2         | 7.44             | 3           | <1               | <2                   | <2          | 454          |

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|--------------------------------------|------------|---------------|--------------------|-----------------|-------------|---|------------------|---------------------|-----------------------------|
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| <b>Licence Link</b>                  |            |               |                    |                 |             | <a href="http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=79291&amp;SYSUID=1&amp;LICID=11195">http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=79291&amp;SYSUID=1&amp;LICID=11195</a> |                  |                     |                             |
| <b>Licence Number: 11195</b>         |            |               |                    |                 |             | <b>BOD</b>  | <b>pH</b>        | <b>Susp.Solids</b>  | <b>Tot Oil &amp; Grease</b> |
| <b>Talbingo WTP Lagoon Effluent</b>  |            |               |                    |                 |             | <b>BOD Result</b>   | <b>pH</b>        | <b>Susp. solids</b> | <b>Oil &amp; grease</b>     |
|                                      |            |               |                    |                 |             | <b>mg/L</b>   | <b>pH units</b>  | <b>mg/L</b>         | <b>mg/L</b>                 |
| <b>Licence Limit -100 percentile</b> |            |               |                    |                 |             | <b>20</b>   | <b>6.5 - 8.5</b> | <b>30</b>           | <b>10</b>                   |
| Talbingo Water Plant Effl            | TALWTP-PT1 | CA1803592-002 | 21/06/2018         | 28/06/2018      | 12/06/2018  | <2  | 7.64             | 7                   | <1                          |
| Talbingo Water Plant Eff             | TALWTP-PT1 | CA1805584-002 | 24/09/2018         | 14/11/2018      | 13/09/2018  | <2  | 7.44             | 5                   | <1                          |
| Talbingo Water Plant Effl            | TALWTP-PT1 | CA1807422-002 | 13/12/2018         | 21/12/2018      | 5/12/2018   | 2   | 7.69             | <2                  | <1                          |
| Talbingo Water Plant Effl            | TALWTP-PT1 | CA1901702-002 | 21/03/2019         | 3/04/2019       | 7/03/2019   | <2  | 7.61             | 3                   | <1                          |

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|--------------------------------------|---------------|---------------|--------------------|-----------------|-------------|---|------------------|---------------------|-----------------------------|
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| <b>Licence Link</b>                  |               |               |                    |                 |             | <a href="http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=75289&amp;SYSUID=1&amp;LICID=2503">http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=75289&amp;SYSUID=1&amp;LICID=2503</a> |                  |                     |                             |
| <b>Licence Number: 2503</b>          |               |               |                    |                 |             | <b>BOD</b>  | <b>pH</b>        | <b>Susp.Solids</b>  | <b>Tot Oil &amp; Grease</b> |
| <b>Tumut WTP Lagoon Effluent</b>     |               |               |                    |                 |             | <b>BOD Result</b>   | <b>pH</b>        | <b>Susp. solids</b> | <b>Oil &amp; grease</b>     |
|                                      |               |               |                    |                 |             | <b>mg/L</b>   | <b>pH units</b>  | <b>mg/L</b>         | <b>mg/L</b>                 |
| <b>Licence Limit -100 percentile</b> |               |               |                    |                 |             |   | <b>6.5 - 8.5</b> | <b>30</b>           |                             |
| Tumut Water Plant Effluen            | TUMWTP-EPAPt1 | CA1803529-001 | 15/06/2018         | 28/06/2018      | 8/06/2018   | <2  | 7.47             | 2                   | <1                          |
| Tumut Water Plant Effluen            | TUMWTP-EPAPt1 | CA1805415-001 | 14/09/2018         | 14/11/2018      | 5/09/2018   | <2  | 7.47             | 2                   | <1                          |
| Tumut Water Plant Effluen            | TUMWTP-EPAPt1 | CA1807422-001 | 13/12/2018         | 21/12/2018      | 5/12/2018   | <2  | 7.51             | <2                  | <1                          |
| Tumut Water Plant Effluen            | TUMWTP-EPAPt1 | CA1901702-001 | 21/03/2019         | 3/04/2019       | 7/03/2019   | <2  | 7.53             | 4                   | <1                          |

(Former Tumbarumba Shire) Anniversary Date: 15 September