



Snowy Hydro 2.0 Main Works EPL Sampling: 01 - 31 January 2025

|                                      |                                                                                                                                                                                                                                                                                                                                                                         |
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| Environmental Protection Licence No: | 21266                                                                                                                                                                                                                                                                                                                                                                   |
| Licensee:                            | Snowy Hydro Limited                                                                                                                                                                                                                                                                                                                                                     |
| Licensee address:                    | PO Box 332, Cooma, NSW 2630                                                                                                                                                                                                                                                                                                                                             |
| Premises:                            | Snowy 2.0 Pumped Hydro Power Station Talbingo and Tantangara, Kosciuszko National Park and Rock Forest, Kosciuszko NSW 2642                                                                                                                                                                                                                                             |
| EPA Public Register:                 | <a href="https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21266&amp;id=21266&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21266&amp;id=21266&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a> |

Monthly water sampling and analysis is performed as part of the Snowy 2.0 Approval Conditions, Environmental Protection Licence No 21266 - Variation 20 December 2024, and the approved Water Management Plan to ensure that works are not impacting on nearby receiving waters.

A map showing the location of each of the EPL named sampling points is provided after the results tables.

**Surface Water Results:** Surface Water monitoring results indicate sporadic exceedances throughout the reporting period. These results are likely attributed to fluctuations in water levels, which influences water temperatures and reduces flow velocity across the surface water managent stream. Minor exceedances in parameters like phosphorus and nutrients were observed, which are considered to be influenced by the aforementioned conditional settings. Elevated nutrient concentrations were primarily observed in leachate basin locations and will be discussed further in the dedicated leachate results section.

**Reservoir Results:** Minor exceedances in parameters such as phosphorus, metals, and nutrients were observed. Notwithstanding these exceedances, likely attributed to a combination of decreased water levels, high surface temperatures, elevated suspended solids that were observed during sampling. These influences are considered to have impacted results for january.

**Discharge Results:** As per the latest revision EPL21266, only water within discharge criteria can be released into Talbingo and Tantangara reservoirs from the final discharge points. FGJV is committed to mitigating environmental impacts, so the Environmental Team only permits discharge if all parameters are within WQO. There were no discharges during January at Talbingo and Tantangara. However, if the water met reuse criteria, the water was reused.

**Groundwater Results:** Throughout January 2025, pH and other such analytes exceedances were observed at both upstream and downstream monitoring locations at all three sites. The observed results are likely attributed to seasonal variation of environmental inputs (for example, an extended period of no rainfall). Minor exceedances in metals and total nitrogen concentrations were also observed, particularly near spoil emplacement areas, with higher exceedances observed downstream of the GF01 emplacement. Additional measures such as groundwater extraction and transportation for treatment, spoil emplacement permit reviews and management strategy reviews are underway. FGJV remains committed to implementing all necessary actions to minimize environmental impacts.

**Leachate results:** Leachate analysis revealed minor exceedances in pH, electrical conductivity (EC), dissolved oxygen (DO), and turbidity, including comprehensive analytes, these results are within expectations for locations storing such water.

The publication of this pollution monitoring data is carried out in accordance with section 66 (6) of the Protection of the Environment Operations Act 1997 (NSW).

Snowy Hydro Limited gives no warranty or representation regarding the data suitability for any particular purpose.

Snowy Hydro Limited excludes all liability to any person for loss or damage of any kind (however caused, including but not limited to by negligence) arising whether directly or indirectly from or relating in any way to the use of this data, whether in whole or in part.



Snowy Hydro 2.0 Main Works  
Monthly EPL Sampling: 01-31 January 2025 - Groundwater

| Analyte                       | Unit         | Limit of Reporting | Water Quality Objective Value*   |
|-------------------------------|--------------|--------------------|----------------------------------|
| <b>Physicochemical</b>        |              |                    |                                  |
| pH                            | pH Unit      | -                  | 6.5-8                            |
| Electrical Conductivity       | µS/cm        | -                  | 30-350                           |
| Oxidation Reduction Potential | mV           | -                  | No Water Quality Objective Value |
| Temperature                   | °C           | -                  | No Water Quality Objective Value |
| Dissolved Oxygen              | % saturation | -                  | No Water Quality Objective Value |
| Turbidity                     | NTU          | -                  | No Water Quality Objective Value |
| <b>Laboratory analyses</b>    |              |                    |                                  |
| TSS                           | mg/L         | 5                  | No Water Quality Objective Value |
| Hardness as CaCO3             | mg/L         | 1                  | No Water Quality Objective Value |
| <b>Nutrients</b>              |              |                    |                                  |
| Ammonia as N                  | µg/L         | 10                 | 13                               |
| Nitrite + Nitrate as N (NOx)  | µg/L         | 10                 | 15                               |
| Kjeldahl Nitrogen Total       | µg/L         | 100                | No Water Quality Objective Value |
| Nitrogen (Total)              | µg/L         | 100                | 250                              |
| Reactive Phosphorus           | µg/L         | 1                  | 15                               |
| Phosphorus (Total)            | µg/L         | 10                 | 20                               |
| <b>Inorganics</b>             |              |                    |                                  |
| Cyanide Total                 | µg/L         | 4                  | 4                                |
| <b>Hydrocarbons</b>           |              |                    |                                  |
| Oil and Grease                | mg/L         | 1                  | 5                                |
| <b>Metals</b>                 |              |                    |                                  |
| Aluminium (total)             | µg/L         | 5                  | No Water Quality Objective Value |
| Aluminium (dissolved)         | µg/L         | 5                  | 27                               |
| Arsenic (total)               | µg/L         | 0.2                | No Water Quality Objective Value |
| Arsenic (dissolved)           | µg/L         | 0.2                | 0.8                              |
| Chromium (III-VI) (total)     | µg/L         | 0.2                | No Water Quality Objective Value |
| Chromium (III-VI) (dissolved) | µg/L         | 0.2                | 0.01                             |
| Copper (total)                | µg/L         | 0.5                | No Water Quality Objective Value |
| Copper (dissolved)            | µg/L         | 0.5                | 1                                |
| Iron (total)                  | µg/L         | 2                  | No Water Quality Objective Value |
| Iron (dissolved)              | µg/L         | 2                  | 300                              |
| Lead (total)                  | µg/L         | 0.1                | No Water Quality Objective Value |
| Lead (dissolved)              | µg/L         | 0.1                | 0.1                              |
| Manganese (total)             | µg/L         | 0.5                | No Water Quality Objective Value |
| Manganese (dissolved)         | µg/L         | 0.5                | 1,200                            |
| Nickel (total)                | µg/L         | 0.5                | No Water Quality Objective Value |
| Nickel (dissolved)            | µg/L         | 0.5                | 8                                |
| Silver (total)                | µg/L         | 0.01               | No Water Quality Objective Value |
| Silver (dissolved)            | µg/L         | 0.01               | 0.02                             |
| Zinc (total)                  | µg/L         | 1                  | No Water Quality Objective Value |
| Zinc (dissolved)              | µg/L         | 1                  | 2.4                              |

\* Water Quality Objective values for groundwater refer to the default trigger values for physical and chemical stressors in south-east Australia (upland rivers) for the protection of 99% of aquatic species ANZECC / ARMCANZ (2000), they are not pollutant limits imposed by EPL 21266.  
- Sample not required at this location.

| EPL56    | EPL57    | EPL58    | EPL68    | EPL69    | EPL70    | EPL72    | EPL73    | EPL80    | EPL81    | EPL82    | EPL83    | EPL87    | EPL88    | EPL89    | EPL90    | EPL91    | EPL92   | EPL93    | EPL94    | EPL95   | EPL96    | EPL97    | EPL102   | EPL103   | EPL104   | EPL105  | EPL113  | EPL114  | EPL115  | EPL116  | EPL117 |       |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|----------|---------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|--------|-------|
| 20/01/25 | 20/01/25 | 20/01/25 | 25/01/25 | 25/01/25 | 25/01/25 | 26/01/25 | 26/01/25 | 13/01/25 | 13/01/25 | 13/01/25 | 13/01/25 | 13/01/25 | 13/01/25 | 13/01/25 | 20/01/25 | 20/01/25 | 6/01/25 | 20/01/25 | 20/01/25 | 6/01/25 | 20/01/25 | 12/01/25 | 25/01/25 | 25/01/25 | 25/01/25 | 9/01/25 | 9/01/25 | 9/01/25 | 9/01/25 | 9/01/25 |        |       |
| 7.32     | 7.9      | 5.83     | 6.1      | 6.36     | 6.45     | 4.87     | 6.54     | 6.77     | 6.61     | 6.17     | 6.61     | 6.17     | 6.95     | 6.53     | 5.74     | 6.62     | 7.2     | 6.91     | 6.32     | 6.31    | 7.14     | 6.02     | 7.53     | 6.41     | 6.27     | 7.09    | 6.55    | 7.42    | 7.33    | 7.21    | 6.63   |       |
| 242      | 248      | 1020     | 34       | 31       | 35       | 36       | 123      | 876      | 814      | 2650     | 503      | 585      | 830      | 349      | 72       | 233      | 120     | 242      | 170      | 702     | 860      | 424      | 402      | 50       | 49       | 170     | 125     | 382     | 365     | 181     | 136    |       |
| 256      | 227      | 161      | 195      | 191      | 207      | 328      | 191      | -52      | -46      | -46      | 56       | 231      | -150     | 51       | 274      | 168      | 154     | 38       | 48       | 131     | 28       | 121      | -43      | 214      | 197      | 182     | 154     | 85      | -20     | 120     | -49    |       |
| 15.82    | 17.69    | 20.06    | 14.98    | 15.5     | 17.67    | 12.53    | 16.56    | 20.04    | 17.53    | 19.12    | 18.49    | 17.4     | 18.36    | 18.99    | 16.06    | 19.94    | 17.13   | 17.6     | 17.52    | 20.63   | 17.32    | 19.11    | 12.04    | 16.39    | 16.01    | 16.86   | 13.93   | 16.59   | 15.52   | 16.55   | 16.39  |       |
| 21.6     | 23.5     | 20.6     | 80.9     | 76.5     | 54.2     | 60.1     | 54.8     | 18.4     | 19       | 13.6     | 16.6     | 16.7     | 28.1     | 22.7     | 60.8     | 34.9     | 46.5    | 29.5     | 24.3     | 20.4    | 24.4     | 18       | 64.3     | 64.2     | 45.7     | 55.9    | 102.6   | 18.6    | 18.1    | 71.3    | 11.6   |       |
| 21.7     | 50.7     | 90.5     | 0.8      | 116      | 1000     | 62.1     | 111      | 62.2     | 845      | 84.6     | 160      | 1000     | 0.9      | 172      | 197      | 21.8     | 301     | 50.9     | 81.3     | 65.5    | 279      | 4.1      | 42.7     | 4.2      | 60.9     | 3.5     | 752     | 7.1     | 278     | 1000    | 576    |       |
| 9        | 7        | 109      | <5       | 312      | 1,460    | 27       | 62       | 26       | 372      | 172      | 206      | 6,600    | 6        | 191      | 106      | 36       | 519     | 103      | 72       | 124     | 272      | 21       | 11       | 10       | 89       | 13      | 341     | 21      | 329     | 6,770   | 464    |       |
| 154      | 156      | 448      | 7        | 9        | 29       | 13       | 22       | 348      | 422      | 1,240    | 84       | 131      | 112      | 64       | 16       | 125      | 40      | 124      | 115      | 350     | 311      | 142      | 121      | 2        | 9        | 40      | 43      | 204     | 179     | 85      | 43     |       |
| 10       | <10      | 50       | <10      | 30       | 20       | 20       | 20       | <10      | 100      | 100      | <10      | 220      | 310      | 20       | 20       | 10       | <10     | 30       | <10      | 10      | <10      | 10       | 30       | 10       | <10      | <10     | <10     | 10      | <10     | <10     | <10    |       |
| 170      | 300      | 77,400   | 640      | 160      | 630      | 29       | 40       | 6        | 6        | 6        | 20       | 6,490    | 2        | 30       | 140      | 130      | 30      | 7        | 5        | 22,700  | 32,600   | 160      | <10      | 742      | 240      | 2,840   | 10      | 5       | 3       | 40      | 20     |       |
| <100     | <100     | 6,600    | <100     | <100     | 600      | <100     | <100     | 200      | 400      | 200      | 200      | 3,500    | 500      | 200      | 100      | 200      | <100    | 100      | <100     | 4,100   | 700      | 100      | 200      | <100     | 100      | 200     | <1,000  | <100    | <100    | <2,000  | <100   |       |
| 200      | 300      | 87,400   | 600      | 200      | 1,200    | <100     | <100     | 200      | 400      | 200      | 200      | 10,000   | 500      | 200      | 200      | 300      | 300     | <100     | 100      | <100    | 26,800   | 33,800   | 300      | 200      | 800      | 300     | 3,000   | <1,000  | <100    | <100    | <2,000 | <100  |
| 15       | 19       | 11       | <1       | 1        | 17       | 21       | 13       | 3        | 4        | 2        | 6        | 6        | 5        | 7        | 10       | 20       | <1      | 26       | 34       | 12      | 4        | 21       | 15       | 10       | 8        | 3       | 4       | 11      | 8       | 17      | 27     |       |
| 60       | 70       | 60       | 50       | 140      | 1,230    | 50       | 30       | 40       | 180      | 20       | 20       | 3,150    | 50       | 40       | 370      | 50       | 70      | 750      | 850      | 1,080   | 150      | 800      | 30       | 40       | 90       | 20      | 160     | 20      | 80      | 940     | 460    |       |
| <4       | <4       | <4       | <4       | <4       | <4       | <4       | <4       | <4       | <4       | <4       | <4       | <4       | <4       | <4       | <4       | <4       | <4      | <4       | <4       | <4      | <4       | <4       | <4       | <4       | <4       | <4      | <4      | <4      | <4      | <4      | <4     |       |
| <1.0     | <1.0     | <1.0     | <1.0     | <1.0     | <1.0     | <1.0     | <1.0     | <1.0     | <1.0     | <1.0     | <1.0     | <1.0     | <1.0     | <1.0     | <1.0     | <1.0     | <1.0    | <1.0     | <1.0     | <1.0    | <1.0     | <1.0     | <1.0     | <1.0     | <1.0     | <1.0    | <1.0    | <1.0    | <1.0    | <1.0    | <1.0   |       |
| 144      | 356      | 2,119    | 336      | 1,310    | 18,300   | 477      | 540      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -       | -        | -        | -       | -        | -        | -        | -        | -        | -       | -       | -       | -       | -       | -      | -     |
| <5       | <5       | 5        | <5       | 6        | <5       | 8        | <5       | <5       | <5       | 8        | <5       | <5       | <5       | <5       | 10       | <5       | <5      | <5       | <5       | <5      | <5       | <5       | <5       | <5       | <5       | <5      | <5      | 10      | <5      | <5      | <5     | <5    |
| <0.2     | 2.3      | 3.1      | <0.2     | 0.5      | 1.3      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        | -       | -        | -        | -       | -        | -        | -        | -        | -        | -       | -       | -       | -       | -       | -      | -     |
| <0.2     | 2.2      | <0.2     | <0.2     | <0.2     | <0.2     | <0.2     | 2.9      | 5.8      | 8.5      | 2.7      | <0.2     | 12.2     | 0.3      | <0.2     | 0.2      | 0.3      | 4.8     | 0.5      | 0.5      | <0.2    | 0.2      | 0.6      | <0.2     | <0.2     | <0.2     | <0.2    | 0.4     | 0.7     | 0.4     | 0.6     | 0.5    | -     |
| 0.4      | 0.8      | 5.9      | 0.9      | 1.6      | 8.4      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        | -       | -        | -        | -       | -        | -        | -        | -        | -        | -       | -       | -       | -       | -       | -      | -     |
| <0.2     | <0.2     | 0.2      | <0.2     | <0.2     | <0.2     | <0.2     | 0.2      | <0.2     | <0.2     | <0.2     | 0.4      | <0.2     | <0.2     | <0.2     | <0.2     | <0.2     | <0.2    | <0.2     | <0.2     | <0.2    | 0.2      | <0.2     | <0.2     | <0.2     | <0.2     | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2   |       |
| 8.4      | 13.4     | 3.8      | 0.8      | 2.2      | 18.6     | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        | -       | -        | -        | -       | -        | -        | -        | -        | -        | -       | -       | -       | -       | -       | -      | -     |
| 1.7      | 2.2      | 0.8      | <0.5     | <0.5     | 10.0     | 1.0      | <0.5     | <0.5     | <0.5     | 1.6      | <0.5     | <0.5     | 4.1      | <0.5     | <0.5     | <0.5     | <0.5    | <0.5     | <0.5     | 1.8     | 0.6      | <0.5     | <0.5     | 3.5      | 1.6      | 0.7     | 3.1     | 0.6     | <0.5    | <0.5    | <0.5   | <0.5  |
| 171      | 368      | 4,300    | 318      | 1,060    | 12,400   | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        | -       | -        | -        | -       | -        | -        | -        | -        | -        | -       | -       | -       | -       | -       | -      | -     |
| <2       | <2       | 7        | 66       | 6        | <2       | <2       | <2       | 4        | 220      | 1,340    | 2        | <2       | 59       | <2       | 6        | 4        | <2      | 4        | 4        | <2      | <2       | <2       | <2       | <2       | <2       | <2      | <2      | 26      | <2      | <2      | <2     | <2    |
| 1.4      | 0.9      | 25.1     | 0.1      | 0.7      | 4.5      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        | -       | -        | -        | -       | -        | -        | -        | -        | -        | -       | -       | -       | -       | -       | -      | -     |
| <0.1     | <0.1     | 0.1      | <0.1     | <0.1     | <0.1     | <0.1     | <0.1     | <0.1     | <0.1     | <0.1     | <0.1     | <0.1     | <0.1     | <0.1     | <0.1     | <0.1     | 0.5     | <0.1     | <0.1     | <0.1    | <0.1     | <0.1     | <0.1     | <0.1     | <0.1     | <0.1    | 0.4     | <0.1    | <0.1    | <0.1    | <0.1   |       |
| 18.0     | 97.7     | 494      | 117      | 60.8     | 158      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        | -       | -        | -        | -       | -        | -        | -        | -        | -        | -       | -       | -       | -       | -       | -      | -     |
| 6.8      | 57.6     | 381      | 97.4     | 3.8      | 7.0      | 5.5      | 6.7      | 183      | 189      | 354      | 84.9     | 37.2     | 164      | 19.4     | 6.1      | 136      | 64.1    | 108      | 393      | 773     | 3.1      | 437      | 224      | 1.1      | 9.2      | 17.0    | 104     | 336     | 510     | 98.4    | 273    | -     |
| <0.5     | 1.4      | 12.3     | 6.0      | 1.8      | 5.0      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        | -       | -        | -        | -       | -        | -        | -        | -        | -        | -       | -       | -       | -       | -       | -      | -     |
| <0.5     | <0.5     | 6.0      | 4.5      | <0.5     | <0.5     | 1.3      | <0.5     | 15.0     | 0.8      | 0.8      | 5.5      | 2.0      | 1.8      | 2.4      | 1.1      | 2.2      | 0.6     | 1.5      | 12.3     | 2.4     | 2.6      | 0.8      | <0.5     | <0.5     | 3.0      | 0.6     | 2.4     | <0.5    | <0.5    | 0.9     | 1.0    | -     |
| <0.01    | <0.01    | 0.12     | <0.01    | <0.01    | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        | -       | -        | -        | -       | -        | -        | -        | -        | -        | -       | -       | -       | -       | -       | -      | -     |
| <0.01    | <0.01    | <0.01    | <0.01    | <0.01    | <0.01    | <0.01    | <0.01    | <0.01    | <0.01    | <0.01    | <0.01    | <0.01    | <0.01    | <0.01    | <0.01    | <0.01    | <0.01   | <0.01    | <0.01    | <0.01   | <0.01    | <0.01    | <0.01    | <0.01    | <0.01    | <0.01   | <0.01   | <0.01   | <0.01   | <0.01   | <0.01  | <0.01 |
| 5        | 3        | 24       | 41       | 6        | 22       | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        | -        | -       | -        | -        | -       | -        | -        | -        | -        | -        | -       | -       | -       | -       | -       | -      | -     |
| 2        | <1       | 12       | 34       | 2        | <1       | 6        | <1       | <1       | <1       | <1       | <1       | <1       | <1       | <1       | 9        | 4        | 17      | <1       | 6        | 32      | 2        | 35       | <1       | <1       | 1        | 60      | 5       | 4       | <1      | 3       | <1     | <1    |



Snowy Hydro 2.0 Main Works  
Monthly EPL Sampling: 01-31 January 2025 - Talbingo and Tantangara Reservoir

| Analyte                                   | Unit         | Limit of Reporting | Water Quality Objective Value*   |
|-------------------------------------------|--------------|--------------------|----------------------------------|
| Field                                     |              |                    |                                  |
| pH                                        | pH Unit      | -                  | 6.5-8                            |
| Electrical Conductivity                   | µS/cm        | -                  | 20-30                            |
| Oxidation Reduction Potential             | mV           | -                  | No Water Quality Objective Value |
| Temperature                               | °C           | -                  | No Water Quality Objective Value |
| Dissolved Oxygen                          | % saturation | -                  | 90-110                           |
| Turbidity                                 | NTU          | -                  | 1-20                             |
| Laboratory analytes                       |              |                    |                                  |
| Total suspended solids                    | mg/L         | 5                  | No Water Quality Objective Value |
| Hardness as CaCO <sub>3</sub> (filtered)  | mg/L         | 1                  | No Water Quality Objective Value |
| Nutrients                                 |              |                    |                                  |
| Ammonia as N                              | µg/L         | 10                 | 10                               |
| Nitrite + Nitrate as N (NO <sub>x</sub> ) | µg/L         | 10                 | 10                               |
| Kjeldahl Nitrogen Total                   | µg/L         | 100                | No Water Quality Objective Value |
| Nitrogen (Total)                          | µg/L         | 100                | 350                              |
| Reactive Phosphorus                       | µg/L         | 1                  | 5                                |
| Phosphorus (Total)                        | µg/L         | 10                 | 10                               |
| Inorganics                                |              |                    |                                  |
| Cyanide Total                             | µg/L         | 4                  | 7                                |
| Hydrocarbons                              |              |                    |                                  |
| Oil and Grease                            | mg/L         | 1                  | 5                                |
| Metals                                    |              |                    |                                  |
| Aluminium (dissolved)                     | µg/L         | 5                  | 55                               |
| Arsenic (dissolved)                       | µg/L         | 0.2                | 13                               |
| Chromium (III+VI) (dissolved)             | µg/L         | 0.2                | 1                                |
| Copper (dissolved)                        | µg/L         | 0.5                | 14                               |
| Iron (dissolved)                          | µg/L         | 2                  | 300                              |
| Lead (dissolved)                          | µg/L         | 0.1                | 3.4                              |
| Manganese (dissolved)                     | µg/L         | 0.5                | 1,900                            |
| Nickel (dissolved)                        | µg/L         | 0.5                | 11                               |
| Silver (dissolved)                        | µg/L         | 0.01               | 0.05                             |
| Zinc (dissolved)                          | µg/L         | 1                  | 8                                |
| Biological                                |              |                    |                                  |
| Faecal Coliforms                          | CFU/100mL    | 1                  | 10/100^                          |
| Biochemical Oxygen Demand                 | mg/L         | 2                  | 1/5^                             |

| EPL10   | EPL11   | EPL28   | EPL29   | EPL32   | EPL38   | EPL39   | EPL40  | EPL46   | EPL51   | EPL107 | EPL108  | EPL109  |
|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|--------|---------|---------|
| 15/1/25 | 15/1/25 | 19/1/25 | 19/1/25 | 19/1/25 | 18/1/25 | 18/1/25 | 4/1/25 | 19/1/25 | 19/1/25 | 4/1/25 | 19/1/25 | 19/1/25 |
| 7.62    | 7.97    | 7.76    | 7.1     | 7.52    | 7.63    | 7.53    | 7.29   | 6.95    | 7.1     | 8.16   | 8.17    | 6.97    |
| 97      | 79      | 30      | 25      | 26      | 38      | 27      | 22.4   | 26      | 25      | 49     | 43      | 85      |
| 184     | 177     | 212     | 241     | -48     | 200     | 201     | 199.1  | 244     | 238     | 170    | 169     | 175     |
| 25.85   | 25.2    | 18.28   | 19.19   | 18.94   | 18.47   | 14.94   | 24.8   | 19.01   | 19.01   | 24.24  | 23.75   | 23.04   |
| 63.5    | 63.7    | 109.1   | 92.4    | 91.9    | 74.6    | 90      | 100    | 90      | 91      | 71.8   | 69.4    | 81.3    |
| 0       | 1       | 8.6     | 8.9     | 7.1     | 30.6    | 9.6     | 4.13   | 6.3     | 7.4     | 3.1    | 3.4     | 6.3     |
| <5      | <5      | <5      | <5      | <5      | 34      | <5      | <5     | <5      | 5       | <5     | <5      | 17      |
| 43      | 38      | 9       | 9       | 9       | 9       | 13      | 9      | 9       | <1      | 17     | 14      | 14      |
| 20      | 50      | <10     | <10     | 40      | <10     | 10      | 10     | <10     | <10     | <10    | 10      | <10     |
| <10     | 5       | <2      | 4       | <10     | 8       | 10      | 4      | 2       | <10     | <2     | 8       | <2      |
| 200     | 200     | 300     | 300     | 400     | 400     | 200     | 300    | 400     | 300     | 200    | 200     | 200     |
| 200     | 200     | 300     | 300     | 400     | 400     | 200     | 300    | 400     | 300     | 200    | 200     | 200     |
| 2       | <1      | 4       | 1       | 4       | 3       | 3       | 4      | 4       | 4       | 5      | 2       | 2       |
| 30      | <10     | 40      | 90      | 60      | 80      | 60      | 50     | 60      | 50      | <10    | 10      | <10     |
| <4      | <4      | <4      | <4      | <4      | <4      | <4      | <4     | <4      | <4      | <4     | <4      | <4      |
| <1.0    | <1.0    | <1.0    | <1.0    | <1.0    | <1.0    | <1.0    | <1.0   | <1.0    | <1.0    | <1.0   | <1.0    | <1.0    |
| <5      | <5      | 30      | 30      | 30      | 31      | 27      | 25     | 30      | 33      | 6      | <5      | <5      |
| 0.5     | 0.3     | 0.3     | 0.3     | 0.3     | 0.3     | <0.2    | <0.2   | 0.3     | 0.3     | 0.2    | <0.2    | 0.2     |
| <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2   | <0.2    | <0.2    | <0.2   | <0.2    | <0.2    |
| <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5   | <0.5    | <0.5    | <0.5   | <0.5    | <0.5    |
| 36      | 16      | 278     | 273     | 280     | 285     | 161     | 77     | 278     | 310     | 6      | 6       | 5       |
| <0.1    | <0.1    | <0.1    | <0.1    | <0.1    | <0.1    | <0.1    | <0.1   | <0.1    | <0.1    | <0.1   | <0.1    | <0.1    |
| 2.0     | <0.5    | 1.6     | 1.7     | 1.6     | 2.0     | 4.5     | 5.7    | 1.7     | 1.8     | <0.5   | <0.5    | <0.5    |
| <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5   | <0.5    | <0.5    | <0.5   | <0.5    | <0.5    |
| <0.01   | <0.01   | <0.01   | <0.01   | <0.01   | <0.01   | <0.01   | <0.01  | <0.01   | <0.01   | <0.01  | <0.01   | <0.01   |
| <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1     | <1      | <1      | <1     | <1      | <1      |
| 590     | 2,700   | 100     | -       | -       | -       | -       | -      | -       | 80      | -      | -       | -       |
| <2      | <2      | 3       | -       | -       | -       | -       | -      | -       | <2      | -      | -       | -       |

\* Water Quality Objective values for Talbingo and Tantangara Reservoir refer to the default trigger values for physical and chemical stressors in south-east Australia (fresh lakes and reservoirs) for the protection of 95% of aquatic species ANZECC / ARMCANZ (2000), they are not pollutant limits imposed by EPL 21266.

\*\* Algal blooms can present as faecal coliforms

^ 90th percentile concentration limits / 100 percentile concentration limits

- Sample not required at this location.

Snowy Hydro 2.0 Main Works  
Monthly EPL Sampling: 01-31 January 2025 - Surface Water

| Analyte                       | Unit         | Limit of Reporting | Water Quality Objective Value*   |
|-------------------------------|--------------|--------------------|----------------------------------|
| Field                         |              |                    |                                  |
| pH                            | -            | -                  | 6.5-8                            |
| Electrical Conductivity       | µS/cm        | -                  | 30-350                           |
| Oxidation Reduction Potential | mV           | -                  | No Water Quality Objective Value |
| Temperature                   | °C           | -                  | No Water Quality Objective Value |
| Dissolved Oxygen              | % saturation | -                  | 90-110                           |
| Turbidity                     | NTU          | -                  | 2-25                             |
| Laboratory analyses           |              |                    |                                  |
| TSS                           | mg/L         | 5                  | No Water Quality Objective Value |
| Hardness as CaCO3             | mg/L         | 1                  | No Water Quality Objective Value |
| Nutrients                     |              |                    |                                  |
| Ammonia as N                  | µg/L         | 10                 | 13                               |
| Nitrite + Nitrate as N (NOx)  | µg/L         | 10                 | 15                               |
| Kjeldahl Nitrogen Total       | µg/L         | 100                | No Water Quality Objective Value |
| Nitrogen (Total)              | µg/L         | 100                | 250                              |
| Reactive Phosphorus           | µg/L         | 1                  | 15                               |
| Phosphorus (Total)            | µg/L         | 10                 | 20                               |
| Inorganics                    |              |                    |                                  |
| Cyanide Total                 | µg/L         | 4                  | 4                                |
| Hydrocarbons                  |              |                    |                                  |
| Oil and Grease                | mg/L         | 1                  | 5                                |
| Metals                        |              |                    |                                  |
| Aluminium (total)             | µg/L         | 5                  | No Water Quality Objective Value |
| Aluminium (dissolved)         | µg/L         | 5                  | 27                               |
| Arsenic (total)               | µg/L         | 0.2                | No Water Quality Objective Value |
| Arsenic (dissolved)           | µg/L         | 0.2                | 0.8                              |
| Chromium (III+VI) (total)     | µg/L         | 0.2                | No Water Quality Objective Value |
| Chromium (III+VI) (dissolved) | µg/L         | 0.2                | 0.01                             |
| Copper (total)                | µg/L         | 0.5                | No Water Quality Objective Value |
| Copper (dissolved)            | µg/L         | 0.5                | 1                                |
| Iron (total)                  | µg/L         | 2                  | No Water Quality Objective Value |
| Iron (dissolved)              | µg/L         | 2                  | 300                              |
| Lead (total)                  | µg/L         | 0.1                | No Water Quality Objective Value |
| Lead (dissolved)              | µg/L         | 0.1                | 1                                |
| Manganese (total)             | µg/L         | 0.5                | No Water Quality Objective Value |
| Manganese (dissolved)         | µg/L         | 0.5                | 1,200                            |
| Nickel (total)                | µg/L         | 0.5                | No Water Quality Objective Value |
| Nickel (dissolved)            | µg/L         | 0.5                | 8                                |
| Silver (total)                | µg/L         | 0.01               | No Water Quality Objective Value |
| Silver (dissolved)            | µg/L         | 0.01               | 0.02                             |
| Zinc (total)                  | µg/L         | 1                  | No Water Quality Objective Value |
| Zinc (dissolved)              | µg/L         | 1                  | 2.4                              |

| EPL5    | EPL6    | EPL8    | EPL9    | EPL12   | EPL14   | EPL15   | EPL16   | EPL24   | EPL26    | EPL27    | EPL30    | EPL31    | EPL33    | EPL34    | EPL35    | EPL36    | EPL37    | EPL52    | EPL53 | EPL54 | EPL55 | EPL67 | EPL71 | EPL84    | EPL85 | EPL86 | EPL98 | EPL99    | EPL100   | EPL101  | EPL106  | EPL110 | EPL118 | EPL120 | EPL122 |     |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------|-------|-------|-------|-------|----------|-------|-------|-------|----------|----------|---------|---------|--------|--------|--------|--------|-----|
| 4/01/25 | 4/01/25 | 4/01/25 | 4/01/25 | 4/01/25 | 4/01/25 | 4/01/25 | 4/01/25 | 3/01/25 | 12/01/25 | 12/01/25 | 18/01/25 | 18/01/25 | 18/01/25 | 18/01/25 | 18/01/25 | 26/01/25 | 26/01/25 | 13/01/25 | Dry   | Dry   | Dry   | Dry   | Dry   | 13/01/25 | Dry   | Dry   | Dry   | 17/01/25 | 17/01/25 | 17/1/25 | 11/1/25 | Dry    | Dry    | Dry    | Dry    |     |
| 8.16    | 7.72    | 7.78    | 7.96    | 8.01    | 7.62    | 7.62    | 8.28    | 7.68    | 7.51     | 7.81     | 7.36     | 7.19     | 7.32     | 7.67     | 7.16     | 6.96     | 7.01     | 8.98     | Dry   | Dry   | Dry   | Dry   | Dry   | 8.33     | Dry   | Dry   | Dry   | 9.14     | 8.33     | 8.44    | 8.41    | Dry    | Dry    | Dry    | Dry    |     |
| 136     | 118     | 146     | 141     | 138     | 135     | 136     | 140     | 1220    | 42       | 42       | 39       | 28       | 28       | 30       | 28       | 50       | 53       | 1250     | Dry   | Dry   | Dry   | Dry   | Dry   | 1440     | Dry   | Dry   | Dry   | 220      | 538      | 670     | 1150    | Dry    | Dry    | Dry    | Dry    |     |
| 141     | 163     | 164     | 153     | 153     | 170     | 172     | 97      | 70      | 158      | 192      | 208      | 212      | 206      | 193      | 195      | 162      | 185      | -15      | Dry   | Dry   | Dry   | Dry   | Dry   | 151      | Dry   | Dry   | Dry   | 38       | 88       | 88      | 83      | Dry    | Dry    | Dry    | Dry    |     |
| 19.63   | 18.53   | 21.35   | 21.64   | 19.66   | 19.83   | 20.61   | 22.21   | 18.52   | 12.45    | 13.32    | 12.32    | 12.17    | 14.26    | 12.98    | 12.09    | 23       | 28.32    | 25.56    | Dry   | Dry   | Dry   | Dry   | Dry   | 20.19    | Dry   | Dry   | Dry   | 14.62    | 15.73    | 13.42   | 23.1    | Dry    | Dry    | Dry    | Dry    |     |
| 86.5    | 84.7    | 85.7    | 85.7    | 97.1    | 70.9    | 84.9    | 79.9    | 51.3    | 63.4     | 57.2     | 85.8     | 81       | 80.6     | 93.8     | 94.5     | 69.3     | 71.6     | 94.8     | Dry   | Dry   | Dry   | Dry   | Dry   | 69.1     | Dry   | Dry   | Dry   | 70.1     | 77.6     | 78.9    | 100.8   | Dry    | Dry    | Dry    | Dry    |     |
| 0.54    | 2       | 9.7     | 7.7     | 0.6     | 4.9     | 1.1     | 1.2     | 0.4     | 3.7      | 10.4     | 15.4     | 0        | 5.7      | 0        | 0        | 7.6      | 38.5     | 17.6     | Dry   | Dry   | Dry   | Dry   | Dry   | 863      | Dry   | Dry   | Dry   | 350      | 59.3     | 80      | 15.3    | Dry    | Dry    | Dry    | Dry    |     |
| <5      | <5      | <5      | <5      | <5      | <5      | <5      | <5      | 7       | <5       | <5       | <5       | <5       | 7        | <5       | <5       | <5       | 8        | 11       | Dry   | Dry   | Dry   | Dry   | Dry   | 322      | Dry   | Dry   | Dry   | 142      | 28       | 45      | <5      | Dry    | Dry    | Dry    | Dry    |     |
| 71      | 62      | 77      | 72      | 71      | 71      | 71      | 71      | 392     | 18       | 18       | 16       | 13       | 9        | 13       | 13       | 20       | 20       | 355      | Dry   | Dry   | Dry   | Dry   | Dry   | 21       | Dry   | Dry   | Dry   | 90       | 188      | 243     | 327     | Dry    | Dry    | Dry    | Dry    |     |
| <10     | <10     | <10     | <10     | 10      | <10     | <10     | 10      | <10     | 10       | <10      | 30       | 20       | <10      | <10      | 20       | 10       | 20       | Dry      | Dry   | Dry   | Dry   | Dry   | Dry   | 390      | Dry   | Dry   | Dry   | 560      | 30       | 30      | 20      | Dry    | Dry    | Dry    | Dry    |     |
| 10      | <10     | 70      | 4       | 6       | 4       | 7       | 6       | 34,600  | 10       | 6        | 10       | <2       | <10      | 7        | 4        | 20       | 4        | 26,900   | Dry   | Dry   | Dry   | Dry   | Dry   | 10,500   | Dry   | Dry   | Dry   | 2,080    | 17,500   | 30,600  | 18,100  | Dry    | Dry    | Dry    | Dry    |     |
| <100    | <100    | 200     | 100     | 100     | <100    | 100     | <100    | 3,100   | 200      | 100      | 100      | 200      | 400      | 300      | 200      | 200      | 400      | 3,200    | Dry   | Dry   | Dry   | Dry   | Dry   | 2,600    | Dry   | Dry   | Dry   | 1,100    | 3,100    | 5,400   | <100    | Dry    | Dry    | Dry    | Dry    |     |
| <100    | <100    | 300     | 100     | 100     | <100    | 100     | <100    | 37,700  | 200      | 100      | 100      | 200      | 400      | 300      | 200      | 200      | 400      | 30,100   | Dry   | Dry   | Dry   | Dry   | Dry   | 13,100   | Dry   | Dry   | Dry   | 3,200    | 20,900   | 36,000  | 18,200  | Dry    | Dry    | Dry    | Dry    |     |
| 4       | 6       | 6       | 4       | 4       | 3       | 3       | 5       | 2       | 4        | 6        | 6        | 6        | <1       | 2        | 1        | 7        | 9        | 2        | Dry   | Dry   | Dry   | Dry   | Dry   | 15       | Dry   | Dry   | Dry   | 11       | 2        | 5       | 6       | Dry    | Dry    | Dry    | Dry    |     |
| <10     | 10      | 10      | 30      | 10      | 50      | 30      | 30      | 30      | 40       | 10       | 40       | 40       | 80       | 70       | 80       | 30       | 20       | 40       | Dry   | Dry   | Dry   | Dry   | Dry   | 330      | Dry   | Dry   | Dry   | 70       | 80       | 100     | 20      | Dry    | Dry    | Dry    | Dry    |     |
| <4      | <4      | <4      | <4      | <4      | <4      | <4      | <4      | <4      | <4       | <4       | <4       | <4       | <4       | <4       | <4       | <4       | <4       | <4       | Dry   | Dry   | Dry   | Dry   | Dry   | <4       | Dry   | Dry   | Dry   | <4       | <4       | <4      | <4      | Dry    | Dry    | Dry    | Dry    |     |
| <1.0    | <1.0    | <1.0    | <1.0    | <1.0    | <1.0    | <1.0    | <1.0    | <1.0    | <1.0     | <1.0     | <1.0     | <1.0     | <1.0     | <1.0     | <1.0     | <1.0     | <1.0     | <1.0     | Dry   | Dry   | Dry   | Dry   | Dry   | <1.0     | Dry   | Dry   | Dry   | <1.0     | <1.0     | <1.0    | <1.0    | Dry    | Dry    | Dry    | Dry    |     |
| -       | -       | -       | -       | -       | -       | -       | -       | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | 82       | Dry   | Dry   | Dry   | Dry   | Dry   | -        | -     | -     | -     | -        | -        | -       | -       | -      | -      | -      |        |     |
| <5      | <5      | <5      | <5      | <5      | <5      | <5      | <5      | <5      | 8        | 7        | 30       | 13       | 22       | 23       | 22       | 20       | 54       | 13       | Dry   | Dry   | Dry   | Dry   | Dry   | 59       | Dry   | Dry   | Dry   | 52       | 61       | 55      | <5      | Dry    | Dry    | Dry    | Dry    |     |
| -       | -       | -       | -       | -       | -       | -       | -       | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | 6.1      | Dry   | Dry   | Dry   | Dry   | Dry   | -        | -     | -     | -     | -        | -        | -       | -       | -      | -      | -      |        |     |
| 0.5     | 0.3     | 0.5     | 0.5     | 0.5     | 0.5     | 0.5     | 0.5     | 0.5     | <0.2     | <0.2     | <0.2     | <0.2     | <0.2     | 0.3      | <0.2     | <0.2     | 0.4      | 0.6      | 5.6   | Dry   | Dry   | Dry   | Dry   | Dry      | 11.3  | Dry   | Dry   | Dry      | 1.6      | 2.3     | 3.6     | 2.1    | Dry    | Dry    | Dry    | Dry |
| -       | -       | -       | -       | -       | -       | -       | -       | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | 1.6      | Dry   | Dry   | Dry   | Dry   | Dry   | -        | -     | -     | -     | -        | -        | -       | -       | -      | -      | -      |        |     |
| <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2     | 0.3      | 0.3      | <0.2     | <0.2     | <0.2     | <0.2     | <0.2     | <0.2     | 1.5      | Dry   | Dry   | Dry   | Dry   | Dry   | 51.5     | Dry   | Dry   | Dry   | 12.2     | 4.5      | 14.5    | 2.5     | Dry    | Dry    | Dry    | Dry    |     |
| -       | -       | -       | -       | -       | -       | -       | -       | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | 0.7      | Dry   | Dry   | Dry   | Dry   | Dry   | -        | -     | -     | -     | -        | -        | -       | -       | -      | -      | -      |        |     |
| <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5     | <0.5     | <0.5     | <0.5     | <0.5     | <0.5     | <0.5     | <0.5     | <0.5     | 0.6      | Dry   | Dry   | Dry   | Dry   | Dry   | 1.3      | Dry   | Dry   | Dry   | <0.5     | 0.8      | 1.2     | <0.5    | Dry    | Dry    | Dry    | Dry    |     |
| -       | -       | -       | -       | -       | -       | -       | -       | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | 51       | Dry   | Dry   | Dry   | Dry   | Dry   | -        | -     | -     | -     | -        | -        | -       | -       | -      | -      | -      |        |     |
| 4       | 11      | 7       | 8       | 4       | 5       | 6       | 4       | <2      | 67       | 50       | 63       | 44       | 242      | 180      | 182      | 316      | 380      | <2       | Dry   | Dry   | Dry   | Dry   | Dry   | 17       | Dry   | Dry   | Dry   | 2        | <2       | <2      | <2      | Dry    | Dry    | Dry    | Dry    |     |
| -       | -       | -       | -       | -       | -       | -       | -       | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | <0.1     | Dry   | Dry   | Dry   | Dry   | Dry   | -        | -     | -     | -     | -        | -        | -       | -       | -      | -      | -      |        |     |
| <0.1    | <0.1    | <0.1    | <0.1    | <0.1    | <0.1    | <0.1    | <0.1    | <0.1    | <0.1     | <0.1     | <0.1     | <0.1     | <0.1     | <0.1     | <0.1     | <0.1     | <0.1     | <0.1     | Dry   | Dry   | Dry   | Dry   | Dry   | <0.1     | Dry   | Dry   | Dry   | <0.1     | <0.1     | <0.1    | <0.1    | Dry    | Dry    | Dry    | Dry    |     |
| -       | -       | -       | -       | -       | -       | -       | -       | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | 3.8      | Dry   | Dry   | Dry   | Dry   | Dry   | -        | -     | -     | -     | -        | -        | -       | -       | -      | -      | -      |        |     |
| 1.1     | 4.8     | 1.4     | 4.0     | 0.8     | 1.2     | 1.5     | 2.2     | 300     | 8.2      | 2.7      | 4.5      | 2.3      | 1.4      | 4.6      | 5.7      | 37.0     | 1.9      | 2.4      | Dry   | Dry   | Dry   | Dry   | Dry   | <0.5     | Dry   | Dry   | Dry   | 3.6      | 8.9      | 5.2     | 0.9     | Dry    | Dry    | Dry    | Dry    |     |
| -       | -       | -       | -       | -       | -       | -       | -       | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | <0.5     | Dry   | Dry   | Dry   | Dry   | Dry   | -        | -     | -     | -     | -        | -        | -       | -       | -      | -      | -      |        |     |
| <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | 2.4     | <0.5     | <0.5     | <0.5     | <0.5     | <0.5     | <0.5     | <0.5     | <0.5     | <0.5     | <0.5     | Dry   | Dry   | Dry   | Dry   | Dry   | 0.6      | Dry   | Dry   | Dry   | <0.5     | 0.9      | 0.9     | 2.2     | Dry    | Dry    | Dry    | Dry    |     |
| -       | -       | -       | -       | -       | -       | -       | -       | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | <0.01    | Dry   | Dry   | Dry   | Dry   | Dry   | -        | -     | -     | -     | -        | -        | -       | -       | -      | -      | -      |        |     |
| <0.01   | <0.01   | <0.01   | <0.01   | <0.01   | <0.01   | <0.01   | <0.01   | <0.01   | <0.01    | <0.01    | <0.01    | <0.01    | <0.01    | <0.01    | <0.01    | <0.01    | <0.01    | <0.01    | Dry   | Dry   | Dry   | Dry   | Dry   | <0.01    | Dry   | Dry   | Dry   | <0.01    | <0.01    | <0.01   | <0.01   | Dry    | Dry    | Dry    | Dry    |     |
| -       | -       | -       | -       | -       | -       | -       | -       | -       | -        | -        | -        | -        | -        | -        | -        | -        | -        | 3        | Dry   | Dry   | Dry   | Dry   | Dry   | -        | -     | -     | -     | -        | -        | -       | -       | -      | -      | -      |        |     |
| <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1      | 10      | <1       | <1       | <1       | <1       | <1       | <1       | <1       | 5        | <1       | 1        | Dry   | Dry   | Dry   | Dry   | Dry   | <1       | Dry   | Dry   | Dry   | <1       | <1       | <1      | <1      | Dry    | Dry    | Dry    | Dry    |     |

\* Water Quality Objective values for surface water refer to the default trigger values for physical and chemical stressors in south-east Australia (upland rivers) for the protection of 99% of aquatic species ANZECC / ARMCANZ (2018). they are not pollutant limits imposed by EPL 21266.

- Samples not required

**Snowy Hydro 2.0 Main Works**  
**Monthly EPL Sampling: 01-31 January 2025 - Discharge Water**

| Analyte                                   | Unit         | Limit of Reporting | Water Quality Objective Value*   |
|-------------------------------------------|--------------|--------------------|----------------------------------|
| <b>Flow Rate</b>                          |              |                    |                                  |
| Inflow <sup>#</sup>                       | ML/day       | -                  | -                                |
| Outflow <sup>#</sup>                      | ML/day       | -                  | 4.32 (EPL 43 / 50)               |
| <b>Field</b>                              |              |                    |                                  |
| pH                                        | pH Unit      | -                  | 6.5-8.5                          |
| Electrical Conductivity                   | µS/cm        | -                  | 700 (EPL 41) / 200 (EPL 50)      |
| Oxidation Reduction Potential             | mV           | -                  | No Water Quality Objective Value |
| Temperature                               | °C           | -                  | 15                               |
| Dissolved Oxygen                          | % saturation | -                  | No Water Quality Objective Value |
| Turbidity                                 | NTU          | -                  | <25                              |
| <b>Laboratory analytes</b>                |              |                    |                                  |
| Total suspended solids                    | mg/L         | 5                  | 5/10                             |
| Hardness as CaCO <sub>3</sub> (filtered)  | mg/L         | 1                  | No Water Quality Objective Value |
| <b>Nutrients</b>                          |              |                    |                                  |
| Ammonia as N                              | µg/L         | 10                 | 200/2000 <sup>^</sup>            |
| Nitrite + Nitrate as N (NO <sub>x</sub> ) | µg/L         | 10                 | 10                               |
| Kjeldahl Nitrogen Total                   | µg/L         | 100                | No Water Quality Objective Value |
| Nitrogen (Total)                          | µg/L         | 100                | 350/- <sup>^</sup>               |
| Reactive Phosphorus                       | µg/L         | 1                  | No Water Quality Objective Value |
| Phosphorus (Total)                        | µg/L         | 10                 | 100/300 <sup>^</sup>             |
| <b>Inorganics</b>                         |              |                    |                                  |
| Cyanide Total                             | µg/L         | 4                  | No Water Quality Objective Value |
| <b>Hydrocarbons</b>                       |              |                    |                                  |
| Oil and Grease                            | mg/L         | 1                  | 2/5 <sup>^</sup>                 |
| <b>Metals</b>                             |              |                    |                                  |
| Aluminium (dissolved)                     | µg/L         | 5                  | 55                               |
| Arsenic (dissolved)                       | µg/L         | 0.2                | 13                               |
| Chromium (III+VI) (dissolved)             | µg/L         | 0.2                | 1                                |
| Copper (dissolved)                        | µg/L         | 0.5                | 14                               |
| Iron (dissolved)                          | µg/L         | 2                  | 300                              |
| Lead (dissolved)                          | µg/L         | 0.1                | 3.4                              |
| Manganese (dissolved)                     | µg/L         | 0.5                | 1,900                            |
| Nickel (dissolved)                        | µg/L         | 0.5                | 11                               |
| Silver (dissolved)                        | µg/L         | 0.01               | 0.05                             |
| Zinc (dissolved)                          | µg/L         | 1                  | 8                                |
| <b>Biological</b>                         |              |                    |                                  |
| Faecal Coliforms                          | CFU/100mL    | 1                  | 10/100 <sup>^</sup>              |
| Biological Oxygen Demand                  | mg/L         | 2                  | 5                                |

| EPL 41     | EPL 43 | EPL 44 | EPL 45 | EPL 47 | EPL 48 | EPL 49 | EPL 50     |
|------------|--------|--------|--------|--------|--------|--------|------------|
|            |        |        |        |        |        |        |            |
| 22/01/2025 |        |        |        |        |        |        | 22/01/2024 |
| -          | 0.0000 | 0.3858 | 0.0478 | 0.2103 | 0.0889 | 0.7156 | -          |
| -          | -      | -      | -      | -      | -      | -      | -          |
|            |        |        |        |        |        |        |            |
| 6.92       | -      | -      | -      | -      | -      | -      | 7.44       |
| 161        | -      | -      | -      | -      | -      | -      | 60.7       |
| 170        | -      | -      | -      | -      | -      | -      | 176.5      |
| 25.46      | -      | -      | -      | -      | -      | -      | 20.4       |
| 63.1       | -      | -      | -      | -      | -      | -      | 87.2       |
| 20         | -      | -      | -      | -      | -      | -      | 22.49      |
|            |        |        |        |        |        |        |            |
| <5         | -      | -      | -      | -      | -      | -      | <5         |
| <1         | -      | -      | -      | -      | -      | -      | <1         |
|            |        |        |        |        |        |        |            |
| 3,030      | -      | -      | -      | -      | -      | -      | 200        |
| 310        | -      | -      | -      | -      | -      | -      | 220        |
| 5,200      | -      | -      | -      | -      | -      | -      | 600        |
| 5,500      | -      | -      | -      | -      | -      | -      | 800        |
| <1         | -      | -      | -      | -      | -      | -      | <1         |
| 10         | -      | -      | -      | -      | -      | -      | 20         |
|            |        |        |        |        |        |        |            |
| <4         | -      | -      | -      | -      | -      | -      | <4         |
|            |        |        |        |        |        |        |            |
| <1.0       | -      | -      | -      | -      | -      | -      | <1.0       |
|            |        |        |        |        |        |        |            |
| 6          | -      | -      | -      | -      | -      | -      | <5         |
| <0.2       | -      | -      | -      | -      | -      | -      | <0.2       |
| <0.2       | -      | -      | -      | -      | -      | -      | <0.2       |
| <0.5       | -      | -      | -      | -      | -      | -      | <0.5       |
| <2         | -      | -      | -      | -      | -      | -      | <2         |
| <0.1       | -      | -      | -      | -      | -      | -      | <0.1       |
| <0.5       | -      | -      | -      | -      | -      | -      | 1.1        |
| <0.5       | -      | -      | -      | -      | -      | -      | <0.5       |
| <0.01      | -      | -      | -      | -      | -      | -      | <0.01      |
| <1         | -      | -      | -      | -      | -      | -      | 1          |
|            |        |        |        |        |        |        |            |
| <1         | -      | -      | -      | -      | -      | -      | <1         |
| <2         | -      | -      | -      | -      | -      | -      | <2         |

Note: Treated water was not being discharged at Talbingo Reservoir at the time of EPL sampling.

There is no 100th percentile limit for Nitrogen (Total).

\* Water Quality Objective values Treated Water reference the predicted values for physical and chemical stressors from the treatment plant as presented in the Main Works EIS.

- Samples not required

<sup>^</sup> 90 Percentile concentration limit/100 Percentile limit

<sup>#</sup> Inflows to STP and CWTP do not directly correspond to outflow at RO as much of the water is reused on site



[illegible]

| Date       |
|------------|
| 1/01/2025  |
| 2/01/2025  |
| 3/01/2025  |
| 4/01/2025  |
| 5/01/2025  |
| 6/01/2025  |
| 7/01/2025  |
| 8/01/2025  |
| 9/01/2025  |
| 10/01/2025 |
| 11/01/2025 |
| 12/01/2025 |
| 13/01/2025 |
| 14/01/2025 |
| 15/01/2025 |
| 16/01/2025 |
| 17/01/2025 |
| 18/01/2025 |
| 19/01/2025 |
| 20/01/2025 |
| 21/01/2025 |
| 22/01/2025 |
| 23/01/2025 |
| 24/01/2025 |
| 25/01/2025 |
| 26/01/2025 |
| 27/01/2025 |
| 28/01/2025 |
| 29/01/2025 |
| 30/01/2025 |
| 31/01/2025 |

| EPL 44                        | EPL 45 | EPL 47 | EPL 48 | EPL 49 |
|-------------------------------|--------|--------|--------|--------|
| Discharge volume (Megalitres) |        |        |        |        |
| 0.40                          | 0.04   | 0.15   | 0.05   | 0.62   |
| 0.43                          | 0.03   | 0.15   | 0.07   | 0.85   |
| 0.62                          | 0.04   | 0.18   | 0.06   | 0.62   |
| 0.47                          | 0.05   | 0.16   | 0.07   | 0.89   |
| 0.29                          | 0.01   | 0.18   | 0.07   | 0.72   |
| 0.51                          | 0.04   | 0.19   | 0.08   | 0.52   |
| 0.27                          | 0.05   | 0.13   | 0.06   | 0.69   |
| 0.57                          | 0.03   | 0.32   | 0.07   | 0.42   |
| 0.37                          | 0.05   | 0.14   | 0.06   | 0.85   |
| 0.72                          | 0.07   | 0.17   | 0.07   | 0.60   |
| 0.28                          | 0.05   | 0.20   | 0.07   | 0.55   |
| 0.34                          | 0.05   | 0.24   | 0.08   | 0.54   |
| 0.54                          | 0.05   | 0.20   | 0.09   | 0.71   |
| 0.40                          | 0.05   | 0.34   | 0.08   | 0.90   |
| 0.61                          | 0.08   | 0.19   | 0.18   | 0.86   |
| 0.49                          | 0.01   | 0.23   | 0.18   | 0.65   |
| 0.67                          | 0.05   | 0.19   | 0.08   | 0.63   |
| 0.58                          | 0.04   | 0.15   | 0.08   | 0.72   |
| 0.65                          | 0.06   | 0.21   | 0.07   | 0.57   |
| 0.26                          | 0.07   | 0.23   | 0.08   | 0.63   |
| 0.19                          | 0.06   | 0.21   | 0.18   | 0.75   |
| 0.17                          | 0.05   | 0.20   | 0.01   | 0.79   |
| 0.31                          | 0.07   | 0.28   | 0.09   | 0.94   |
| 0.06                          | 0.04   | 0.16   | 0.07   | 0.72   |
| 0.27                          | 0.05   | 0.22   | 0.08   | 0.82   |
| 0.17                          | 0.05   | 0.22   | 0.09   | 0.90   |
| 0.20                          | 0.04   | 0.21   | 0.08   | 0.70   |
| 0.19                          | 0.04   | 0.19   | 0.18   | 0.60   |
| 0.19                          | 0.05   | 0.23   | 0.08   | 0.65   |
| 0.10                          | 0.04   | 0.25   | 0.08   | 0.61   |
| 0.28                          | 0.05   | 0.18   | 0.08   | 0.45   |

- |    |                                                                                                                                                      |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------|
| -  | Water not discharged on this day                                                                                                                     |
| -  | Note: The EPL discharge volume limit for EPL 43 and 50 is 4.32 megalitres per day. Compliance with this criteria was met during the reporting month. |
| *  | The maximum flow rate capacity for Lobs Hole STP/PWTP during the reporting month was 7.18 L/s                                                        |
| ^  | The maximum flow rate capacity for Tantangara STP/PWTP during the reporting month was 9.84 L/s                                                       |
| -- | Water not discharged on this day                                                                                                                     |



Snowy Hydro 2.0 Main Works EPL Sampling: 01 - 28 February 2025

|                                      |                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environmental Protection Licence No: | 21266                                                                                                                                                                                                                                                                                                                                                                   |
| Licensee:                            | Snowy Hydro Limited                                                                                                                                                                                                                                                                                                                                                     |
| Licensee address:                    | PO Box 332, Cooma, NSW 2630                                                                                                                                                                                                                                                                                                                                             |
| Premises:                            | Snowy 2.0 Pumped Hydro Power Station Talbingo and Tantangara, Kosciuszko National Park and Rock Forest, Kosciuszko NSW 2642                                                                                                                                                                                                                                             |
| EPA Public Register:                 | <a href="https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21266&amp;id=21266&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21266&amp;id=21266&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a> |

Monthly water sampling and analysis is performed as part of the Snowy 2.0 Approval Conditions, Environmental Protection Licence No 21266 - Variation 20 December 2024, and the approved Water Management Plan to ensure that works are not impacting on nearby receiving waters.

A map showing the location of each of the EPL named sampling points is provided after the results tables.

**Surface Water Results:** Surface water results during this period reflect the fluctuating weather conditions recorded throughout the reporting period. Over 100 mm of rainfall was reported across the Project sites throughout the reporting period, which typically results in elevated turbidity and EC concentrations and alterations to pH records. Water reuse for dust suppression is observed to be captured by the numerous basins across the Project.

**Reservoir Results:** The elevated temperatures and fluctuating water levels in the reservoir water bodies could present as the key drivers for the green discolouration and notable algae decomposition present during sampling. The resulting reduction in DO %, elevated EC and coliform units are possibly reflections of such influence.

**Discharge Results:** No discharge from either points was recorded during February.

**Groundwater Results:** Elevated water temperatures were observed throughout Lobs Hole and Tantangara during the reporting period, which was typically accompanied by lower DO%, elevated EC and elevated turbidity readings. Rainfall volumes recorded during the reporting period are anticipated to have influenced the elevated turbidity and EC observations. Elevated turbidity observations are anticipated to reduce following maintenance works soon to be actioned. Additional measures such as groundwater extraction pumps are in place at Tantangara with 4 bore pumps scheduled for installation at Lobs Hole imminently.

**Leachate results:** Consistent with the function of engineered containment systems, elevated concentrations of analytes are observed within leachate basins throughout the reporting period. These systems are subject to weekly inspections, which are conducted through our digital inspection system.

The publication of this pollution monitoring data is carried out in accordance with section 66 (6) of the Protection of the Environment Operations Act 1997 (NSW).  
Snowy Hydro Limited gives no warranty or representation regarding the data suitability for any particular purpose.

Snowy Hydro Limited excludes all liability to any person for loss or damage of any kind (however caused, including but not limited to by negligence) arising whether directly or indirectly from or relating in any way to the use of this data, whether in whole or in part.





**Snowy Hydro 2.0 Main Works**

**Monthly EPL Sampling: 01-28 February 2025 - Talbingo and Tantangara Reservoir**

| Analyte                                   | Unit         | Limit of Reporting | Water Quality Objective Value*   |
|-------------------------------------------|--------------|--------------------|----------------------------------|
| <b>Field</b>                              |              |                    |                                  |
| pH                                        | pH Unit      | -                  | 6.5-8                            |
| Electrical Conductivity                   | µS/cm        | -                  | 20-30                            |
| Oxidation Reduction Potential             | mV           | -                  | No Water Quality Objective Value |
| Temperature                               | °C           | -                  | No Water Quality Objective Value |
| Dissolved Oxygen                          | % saturation | -                  | 90-110                           |
| Turbidity                                 | NTU          | -                  | 1-20                             |
| <b>Laboratory analytes</b>                |              |                    |                                  |
| Total suspended solids                    | mg/L         | 5                  | No Water Quality Objective Value |
| Hardness as CaCO <sub>3</sub> (filtered)  | mg/L         | 1                  | No Water Quality Objective Value |
| <b>Nutrients</b>                          |              |                    |                                  |
| Ammonia as N                              | µg/L         | 10                 | 10                               |
| Nitrite + Nitrate as N (NO <sub>3</sub> ) | µg/L         | 10                 | 10                               |
| Kjeldahl Nitrogen Total                   | µg/L         | 100                | No Water Quality Objective Value |
| Nitrogen (Total)                          | µg/L         | 100                | 350                              |
| Reactive Phosphorus                       | µg/L         | 1                  | 5                                |
| Phosphorus (Total)                        | µg/L         | 10                 | 10                               |
| <b>Inorganics</b>                         |              |                    |                                  |
| Cyanide Total                             | µg/L         | 4                  | 7                                |
| <b>Hydrocarbons</b>                       |              |                    |                                  |
| Oil and Grease                            | mg/L         | 1                  | 5                                |
| <b>Metals</b>                             |              |                    |                                  |
| Aluminium (dissolved)                     | µg/L         | 5                  | 55                               |
| Arsenic (dissolved)                       | µg/L         | 0.2                | 13                               |
| Chromium (III+VI) (dissolved)             | µg/L         | 0.2                | 1                                |
| Copper (dissolved)                        | µg/L         | 0.5                | 14                               |
| Iron (dissolved)                          | µg/L         | 2                  | 300                              |
| Lead (dissolved)                          | µg/L         | 0.1                | 3.4                              |
| Manganese (dissolved)                     | µg/L         | 0.5                | 1,900                            |
| Nickel (dissolved)                        | µg/L         | 0.5                | 11                               |
| Silver (dissolved)                        | µg/L         | 0.01               | 0.05                             |
| Zinc (dissolved)                          | µg/L         | 1                  | 8                                |
| <b>Biological</b>                         |              |                    |                                  |
| Faecal Coliforms                          | CFU/100mL    | 1                  | 10/100 <sup>^</sup>              |
| Biochemical Oxygen Demand                 | mg/L         | 2                  | 1/5 <sup>^</sup>                 |

| EPL10   | EPL11   | EPL28  | EPL29  | EPL32  | EPL38  | EPL39  | EPL40  | EPL46  | EPL51  | EPL107  | EPL108  | EPL109  |
|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 26/2/25 | 26/2/25 | 9/2/25 | 9/2/25 | 9/2/25 | 1/2/25 | 1/2/25 | 9/2/25 | 9/2/25 | 9/2/25 | 26/2/25 | 26/2/25 | 26/2/25 |
| 8.12    | 7.93    | 8.07   | 8.16   | 8.1    | 8.95   | 6.66   | 7.56   | 8.21   | 8.18   | 7.64    | 7.69    | 7.89    |
| 78      | 56      | 28     | 26     | 26     | 28     | 30     | 30.9   | 27     | 27     | 34      | 32      | 31      |
| 205     | 209     | 225    | 227    | 230    | 101    | 233    | 168    | 220    | 86     | 221     | 204     | 151     |
| 23.52   | 23.15   | 21.2   | 22.5   | 22.4   | 26.22  | 22.65  | 19.9   | 22.61  | 22.65  | 22.16   | 21.74   | 21.52   |
| 75.4    | 69.2    | 56.9   | 58.3   | 65.2   | 78.4   | 91.5   | 88.4   | 62.9   | 57.5   | 69      | 82.8    | 80      |
| 0.5     | 0       | 13     | 9.3    | 9      | 10.3   | 18.7   | 5.16   | 8      | 9.1    | 0       | 0       | 23.5    |
| <5      | <5      | 8      | <5     | <5     | 6      | 8      | <5     | <5     | <5     | <5      | <5      | <5      |
| 43      | 31      | 9      | 9      | 9      | 5      | 7      | 9      | 9      | 9      | 17      | 17      | 14      |
| 40      | 130     | <10    | 20     | <10    | <10    | <10    | 20     | <10    | 40     | 60      | 20      | 40      |
| 30      | <10     | 20     | <10    | <10    | <10    | <10    | <10    | 20     | <10    | <10     | <10     | 20      |
| 300     | 400     | 300    | 400    | 400    | 300    | 200    | 300    | 300    | 400    | 200     | 200     | 200     |
| 300     | 400     | 300    | 400    | 400    | 300    | 200    | 300    | 300    | 400    | 200     | 200     | 200     |
| <10     | <10     | 10     | 10     | 10     | <10    | <10    | <10    | 50     | <10    | <10     | <10     | <10     |
| 30      | 40      | 40     | 40     | 40     | 30     | 20     | 50     | 40     | 70     | <10     | 10      | <10     |
| <4      | <4      | <4     | <4     | <4     | <4     | <4     | <4     | <4     | <4     | <4      | <4      | <4      |
| <1.0    | <1.0    | <1.0   | <1.0   | <1.0   | <1.0   | <1.0   | <1.0   | <1.0   | <1.0   | <10     | 10      | <10     |
| <5      | <5      | 26     | 32     | 30     | 24     | 37     | 25     | 30     | 31     | <5      | <5      | <5      |
| 0.4     | 0.3     | 0.4    | 0.3    | 0.3    | 0.3    | 0.2    | 0.2    | 0.3    | 0.3    | 0.2     | <0.2    | <0.2    |
| <0.2    | <0.2    | <0.2   | <0.2   | <0.2   | <0.2   | <0.2   | <0.2   | <0.2   | <0.2   | <0.2    | <0.2    | <0.2    |
| <0.5    | <0.5    | <0.5   | <0.5   | <0.5   | <0.5   | <0.5   | <0.5   | <0.5   | <0.5   | <0.5    | <0.5    | <0.5    |
| 26      | 12      | 388    | 246    | 247    | 186    | 141    | 104    | 252    | 251    | 6       | 4       | 4       |
| <0.1    | <0.1    | <0.1   | <0.1   | <0.1   | <0.1   | <0.1   | <0.1   | <0.1   | <0.1   | <0.1    | <0.1    | <0.1    |
| <0.5    | <0.5    | 1.7    | 3.4    | 3.3    | 2.7    | 8.8    | 4.4    | 3.0    | 3.2    | <0.5    | <0.5    | <0.5    |
| <0.5    | <0.5    | <0.5   | <0.5   | <0.5   | <0.5   | <0.5   | <0.5   | <0.5   | <0.5   | <0.5    | <0.5    | <0.5    |
| <0.01   | <0.01   | <0.01  | <0.01  | <0.01  | <0.01  | <0.01  | <0.01  | <0.01  | <0.01  | <0.01   | <0.01   | <0.01   |
| <1      | <1      | <1     | <1     | <1     | <1     | <1     | <1     | <1     | <1     | <1      | <1      | <1      |
| 1,900   | 68      | 6000   | -      | -      | -      | -      | -      | -      | 3300   | -       | -       | -       |
| 3       | 3       | 5      | -      | -      | -      | -      | -      | -      | 6      | -       | -       | -       |

\* Water Quality Objective values for Talbingo and Tantangara Reservoir refer to the default trigger values for physical and chemical stressors in south-east Australia (fresh lakes and reservoirs) for the protection of 95% of aquatic species ANZECC / ARMCANZ (2000), they are not pollutant limits imposed by EPL 21266.

\*\* Algal blooms can present as faecal coliforms

<sup>^</sup> 90th percentile concentration limits / 100 percentile concentration limits

- Sample not required at this location.

**Snowy Hydro 2.0 Main Works**  
**Monthly EPL Sampling: 01-28 February 2025 - Surface Water**

| Analyte                                                     | Unit         | Limit of Reporting | Water Quality Objective Value*   |
|-------------------------------------------------------------|--------------|--------------------|----------------------------------|
| <b>Field</b>                                                |              |                    |                                  |
| pH                                                          | -            | -                  | 6.5-8                            |
| Electrical Conductivity                                     | µS/cm        | -                  | 30-350                           |
| Oxidation Reduction Potential                               | mV           | -                  | No Water Quality Objective Value |
| Temperature                                                 | °C           | -                  | No Water Quality Objective Value |
| Dissolved Oxygen                                            | % saturation | -                  | 10-100                           |
| Turbidity                                                   | NTU          | -                  | 2-25                             |
| <b>Laboratory analyses</b>                                  |              |                    |                                  |
| TSS                                                         | mg/L         | 5                  | No Water Quality Objective Value |
| Hardness as CaCO <sub>3</sub>                               | mg/L         | 5                  | No Water Quality Objective Value |
| <b>Nutrients</b>                                            |              |                    |                                  |
| Ammonia as N                                                | µg/L         | 10                 | 13                               |
| Nitrite + Nitrate as N (NO <sub>2</sub> + NO <sub>3</sub> ) | µg/L         | 10                 | 15                               |
| Nitrate+Nitrogen Total                                      | µg/L         | 100                | No Water Quality Objective Value |
| Nitrogen (Total)                                            | µg/L         | 100                | 250                              |
| Reactive Phosphorus                                         | µg/L         | 1                  | 15                               |
| Phosphorus (Total)                                          | µg/L         | 10                 | 20                               |
| <b>Inorganics</b>                                           |              |                    |                                  |
| Cyanide Total                                               | µg/L         | 4                  | 4                                |
| Oil and Grease                                              | mg/L         | 1                  | 5                                |
| <b>Metals</b>                                               |              |                    |                                  |
| Aluminium (Total)                                           | µg/L         | 5                  | No Water Quality Objective Value |
| Aluminium (Dissolved)                                       | µg/L         | 5                  | 27                               |
| Arsenic (Total)                                             | µg/L         | 0.2                | No Water Quality Objective Value |
| Arsenic (Dissolved)                                         | µg/L         | 0.2                | 0.8                              |
| Chromium (HexV) (Total)                                     | µg/L         | 0.2                | No Water Quality Objective Value |
| Chromium (HexV) (Dissolved)                                 | µg/L         | 0.2                | 0.05                             |
| Copper (Total)                                              | µg/L         | 0.5                | No Water Quality Objective Value |
| Copper (Dissolved)                                          | µg/L         | 0.5                | 1                                |
| Iron (Total)                                                | µg/L         | 2                  | No Water Quality Objective Value |
| Lead (Total)                                                | µg/L         | 0.1                | No Water Quality Objective Value |
| Lead (Dissolved)                                            | µg/L         | 0.1                | 1                                |
| Manganese (Total)                                           | µg/L         | 0.5                | No Water Quality Objective Value |
| Manganese (Dissolved)                                       | µg/L         | 0.5                | 1,200                            |
| Nickel (Total)                                              | µg/L         | 0.5                | No Water Quality Objective Value |
| Nickel (Dissolved)                                          | µg/L         | 0.5                | 8                                |
| Silver (Total)                                              | µg/L         | 0.01               | No Water Quality Objective Value |
| Silver (Dissolved)                                          | µg/L         | 0.01               | 0.02                             |
| Zinc (Total)                                                | µg/L         | 1                  | No Water Quality Objective Value |
| Zinc (Dissolved)                                            | µg/L         | 1                  | 2.4                              |

| EPL5    | EPL6     | EPL8    | EPL9    | EPL12   | EPL14   | EPL15   | EPL16   | EPL24    | EPL26   | EPL27   | EPL30   | EPL31   | EPL33   | EPL34   | EPL35   | EPL36   | EPL37   | EPL32   | EPL33 | EPL34  | EPL35   | EPL67 | EPL71 | EPL84    | EPL85    | EPL86    | EPL98 | EPL99    | EPL100   | EPL101  | EPL106 | EPL110  | EPL118 | EPL120 | EPL122   |       |     |
|---------|----------|---------|---------|---------|---------|---------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|--------|---------|-------|-------|----------|----------|----------|-------|----------|----------|---------|--------|---------|--------|--------|----------|-------|-----|
| 2/02/25 | 11/02/25 | 2/02/25 | 2/02/25 | 2/02/25 | 2/02/25 | 2/02/25 | 2/02/25 | 18/02/25 | 2/02/25 | 7/02/25 | 1/02/25 | 1/02/25 | 1/02/25 | 1/02/25 | 1/02/25 | 4/02/25 | 4/02/25 | 3/02/25 | Dry   | Dry    | 17/2/25 | Dry   | Dry   | 15/02/25 | 15/02/25 | 15/02/25 | Dry   | 15/02/25 | 15/02/25 | 15/2/25 | 8/2/25 | 18/2/25 | Dry    | Dry    | 19/02/25 |       |     |
| 7.45    | 8.46     | 8.38    | 8.22    | 7.07    | 7.84    | 8.27    | 8.53    | 7.17     | 8.1     | 8.31    | 7.89    | 7.66    | 7.36    | 7.69    | 7.57    | 7.73    | 7.83    | 9.18    | Dry   | Dry    | 7.05    | Dry   | Dry   | 8.65     | 9.24     | 8.45     | Dry   | 8.98     | 8.44     | 8.86    | 8.67   | 7.54    | Dry    | Dry    | 7.79     |       |     |
| 163     | 116      | 169     | 155     | 163     | 163     | 163     | 165     | 807      | 77.4    | 75.2    | 84.3    | 86.4    | 86.7    | 98.1    | 94      | 88.6    | 71.9    | 78.9    | Dry   | Dry    | 1220    | Dry   | Dry   | 441      | 461      | 899      | Dry   | 265      | 187      | 362     | 1270   | 67      | Dry    | Dry    | 778      |       |     |
| 267     | 38       | 206     | 212     | 288     | 232     | 215     | 199     | 178      | 165     | 148     | 212     | 239     | 241     | 222     | 225     | 135     | 165     | 178     | Dry   | Dry    | 142     | Dry   | Dry   | 164      | 143      | -28      | Dry   | 47       | 89       | 65      | 95     | 140     | Dry    | Dry    | 173      |       |     |
| 19.81   | 22.46    | 21.2    | 21.23   | 19.61   | 20.25   | 20.93   | 22.62   | 14.46    | 22.71   | 20.38   | 16.93   | 17.40   | 20.79   | 16.42   | 16.42   | 22.57   | 24.93   | 24.81   | Dry   | Dry    | 19.8    | Dry   | Dry   | 20.64    | 19.7     | 21.13    | Dry   | 16.14    | 16.96    | 16.06   | 25.78  | 13.87   | Dry    | Dry    | 14.06    |       |     |
| 79.9    | 67.7     | 67.8    | 79.3    | 74.3    | 75.1    | 66.5    | 77.4    | 75.5     | 77.4    | 75.2    | 84.3    | 86.4    | 86.7    | 98.1    | 94      | 88.6    | 71.9    | 78.9    | Dry   | Dry    | 68.5    | Dry   | Dry   | 74.4     | 12.5     | 74.8     | Dry   | 66.6     | 67.5     | 66.9    | 74.3   | 95.8    | Dry    | Dry    | 64.1     |       |     |
| 3.9     | 68.4     | 0.3     | 4.2     | 3.1     | 2.4     | 1.3     | 0.4     | 33.6     | 12      | 5.3     | 0       | 0       | 10.6    | 0       | 0       | 14      | 23.8    | 16      | Dry   | Dry    | 12.3    | Dry   | Dry   | 1000     | 1000     | 507      | Dry   | 41.3     | 81.5     | 206     | 45.6   | 44      | Dry    | Dry    | 206      |       |     |
| <5      | <5       | <5      | <5      | <5      | <5      | <5      | <5      | <5       | <5      | <5      | <5      | <5      | 6       | <5      | <5      | 5       | 19      | Dry     | Dry   | <5     | Dry     | Dry   | <5    | Dry      | Dry      | 744      | 804   | 176      | Dry      | 25      | 27     | 58      | <5     | <5     | Dry      | Dry   | 198 |
| 63      | 45       | 85      | 72      | 68      | 68      | 71      | 80      | 156      | 18      | 12      | 13      | 9       | 9       | 16      | 16      | 21      | 24      | 376     | Dry   | Dry    | 360     | Dry   | Dry   | 41       | 40       | 148      | Dry   | 85       | 126      | 125     | 352    | 19      | Dry    | Dry    | 184      |       |     |
| 30      | <10      | 70      | <10     | 20      | 40      | 10      | 20      | 20       | 30      | 10      | <10     | 40      | <10     | 30      | <10     | <10     | 20      | 50      | Dry   | Dry    | 20      | Dry   | Dry   | <10      | <10      | <10      | Dry   | 880      | 20       | 100     | 60     | <10     | Dry    | Dry    | 20       |       |     |
| 10      | 20       | 80      | <10     | 10      | 30      | 10      | <10     | 20,500   | 10      | 30      | <10     | <10     | <10     | <10     | <10     | <10     | 24,900  | Dry     | Dry   | 65,800 | Dry     | Dry   | 1,000 | 2,000    | 5,940    | Dry      | 4,000 | 20,500   | 15,900   | 40,000  | 40     | Dry     | Dry    | 26,200 |          |       |     |
| 300     | 200      | 300     | 200     | 200     | 200     | 200     | 200     | 2,900    | 100     | <100    | 200     | 200     | 400     | 300     | 300     | 200     | 400     | 10,600  | Dry   | Dry    | 2,400   | Dry   | Dry   | 1,600    | 1,400    | 1,100    | Dry   | 1,400    | 900      | 500     | 2,800  | <100    | Dry    | Dry    | 6,200    |       |     |
| 300     | 200      | 400     | 200     | 200     | 200     | 200     | 200     | 26,500   | 100     | <100    | 200     | 200     | 400     | 300     | 300     | 200     | 400     | 35,500  | Dry   | Dry    | 64,300  | Dry   | Dry   | 2,600    | 3,400    | 7,000    | Dry   | 6,300    | 20,500   | 16,300  | 42,800 | <100    | Dry    | Dry    | 32,100   |       |     |
| <10     | 10       | <10     | <10     | <10     | <10     | <10     | <10     | <10      | <10     | <10     | <10     | <10     | <10     | <10     | <10     | <10     | <10     | <10     | Dry   | Dry    | <10     | Dry   | Dry   | 10       | <10      | 20       | Dry   | <10      | <10      | 10      | <10    | Dry     | Dry    | <10    |          |       |     |
| 20      | 20       | 50      | 20      | 40      | 70      | 30      | 20      | 10       | 50      | 30      | 10      | <10     | 30      | 20      | 40      | 60      | 50      | 30      | Dry   | Dry    | 60      | Dry   | Dry   | 540      | 360      | 260      | Dry   | 30       | 50       | 80      | 20     | 10      | Dry    | Dry    | 160      |       |     |
| <4      | <4       | <4      | <4      | <4      | <4      | <4      | <4      | <4       | <4      | <4      | <4      | <4      | <4      | <4      | <4      | <4      | <4      | <4      | Dry   | Dry    | <4      | Dry   | Dry   | <4       | <4       | <4       | Dry   | <4       | <4       | <4      | <4     | <4      | Dry    | Dry    | <4       |       |     |
| <1.0    | <1.0     | <1.0    | <1.0    | <1.0    | <1.0    | <1.0    | <1.0    | <1.0     | <1.0    | <1.0    | <1.0    | <1.0    | <1.0    | <1.0    | <1.0    | <1.0    | <1.0    | <1.0    | Dry   | Dry    | <1.0    | Dry   | Dry   | <1.0     | <1.0     | <1.0     | Dry   | <1.0     | <1.0     | <1.0    | <1.0   | <1.0    | Dry    | Dry    | <1.0     |       |     |
| <5      | 17       | <5      | <5      | <5      | <5      | <5      | <5      | 6        | 15      | 8       | 12      | 14      | 27      | 22      | 22      | 19      | 30      | <5      | Dry   | Dry    | <5      | Dry   | Dry   | 13       | 9        | <5       | Dry   | 19       | 20       | 45      | 7      | 12      | Dry    | Dry    | <5       |       |     |
| -       | -        | -       | -       | -       | -       | -       | -       | -        | -       | -       | -       | -       | -       | -       | -       | -       | -       | -       | Dry   | Dry    | 0.8     | Dry   | Dry   | -        | -        | -        | Dry   | -        | -        | -       | -      | -       | -      | -      | -        |       |     |
| 0.6     | 0.4      | 0.6     | 0.6     | 0.6     | 0.6     | 0.6     | 0.6     | 0.6      | 0.6     | 0.6     | 0.2     | 0.2     | 0.2     | 0.3     | 0.2     | 0.3     | 0.5     | 0.5     | 6.8   | Dry    | Dry     | 0.8   | Dry   | Dry      | 7.7      | 17.2     | 6.6   | Dry      | 1.2      | 2.6     | 1.9    | 2.4     | 0.8    | Dry    | Dry      | 0.3   |     |
| 0.3     | <0.2     | <0.2    | <0.2    | 0.2     | <0.2    | <0.2    | <0.2    | 0.4      | 0.3     | 0.2     | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | 1.4   | Dry    | Dry     | 0.5   | Dry   | Dry      | 7.0      | 13.0     | 15.2  | Dry      | 18.3     | 8.4     | 13.8   | 2.1     | <0.2   | Dry    | Dry      | <0.2  |     |
| -       | -        | -       | -       | -       | -       | -       | -       | -        | -       | -       | -       | -       | -       | -       | -       | -       | -       | -       | 0.8   | Dry    | Dry     | <0.5  | Dry   | Dry      | -        | -        | -     | Dry      | -        | -       | -      | -       | -      | -      | -        |       |     |
| <0.5    | 0.6      | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | 0.6      | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | 0.6   | Dry    | Dry     | <0.5  | Dry   | Dry      | 1.7      | 1.1      | 2.0   | Dry      | <0.5     | <0.5    | 0.6    | <0.5    | <0.5   | Dry    | Dry      | <0.5  |     |
| 4       | 43       | 7       | 8       | 4       | 5       | 5       | 7       | 14       | 24      | 27      | 45      | 33      | 242     | 165     | 173     | 353     | 271     | <2      | Dry   | Dry    | <2      | Dry   | Dry   | 42       | 7        | 6        | Dry   | <2       | <2       | <2      | <2     | 12      | Dry    | Dry    | 4        |       |     |
| -       | -        | -       | -       | -       | -       | -       | -       | -        | -       | -       | -       | -       | -       | -       | -       | -       | -       | -       | <0.1  | Dry    | Dry     | 0.1   | Dry   | Dry      | -        | -        | -     | Dry      | -        | -       | -      | -       | -      | -      | -        |       |     |
| <0.1    | <0.1     | <0.1    | <0.1    | <0.1    | <0.1    | <0.1    | <0.1    | <0.1     | <0.1    | <0.1    | <0.1    | <0.1    | <0.1    | <0.1    | <0.1    | <0.1    | <0.1    | <0.1    | <0.1  | Dry    | Dry     | <0.1  | Dry   | Dry      | <0.1     | <0.1     | <0.1  | Dry      | <0.1     | <0.1    | <0.1   | <0.1    | <0.1   | Dry    | Dry      | <0.1  |     |
| -       | -        | -       | -       | -       | -       | -       | -       | -        | -       | -       | -       | -       | -       | -       | -       | -       | -       | -       | 1.2   | Dry    | Dry     | 9.8   | Dry   | Dry      | -        | -        | -     | Dry      | -        | -       | -      | -       | -      | -      | -        |       |     |
| 1.2     | 3.8      | 1.7     | 3.0     | 1.2     | 1.4     | 1.9     | 2.2     | 108      | 12.1    | 2.4     | 3.5     | 2.1     | 2.3     | 8.5     | 6.2     | 68.0    | 1.5     | 0.7     | Dry   | Dry    | 7.7     | Dry   | Dry   | 0.6      | <0.5     | 14.4     | Dry   | <0.5     | 14.0     | 7.2     | <0.5   | <0.5    | Dry    | Dry    | 12.4     |       |     |
| -       | -        | -       | -       | -       | -       | -       | -       | -        | -       | -       | -       | -       | -       | -       | -       | -       | -       | -       | <0.5  | Dry    | Dry     | 1.8   | Dry   | Dry      | -        | -        | -     | Dry      | -        | -       | -      | -       | -      | -      | -        |       |     |
| <0.5    | <0.5     | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | 0.9      | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5  | Dry    | Dry     | 1.1   | Dry   | Dry      | 0.6      | <0.5     | 0.6   | Dry      | <0.5     | 0.8     | <0.5   | 1.4     | <0.5   | Dry    | Dry      | 1.3   |     |
| <0.01   | <0.01    | <0.01   | <0.01   | <0.01   | <0.01   | <0.01   | <0.01   | <0.01    | <0.01   | <0.01   | <0.01   | <0.01   | <0.01   | <0.01   | <0.01   | <0.01   | <0.01   | <0.01   | <0.01 | Dry    | Dry     | <0.01 | Dry   | Dry      | <0.01    | <0.01    | <0.01 | Dry      | <0.01    | <0.01   | <0.01  | <0.01   | <0.01  | Dry    | Dry      | <0.01 |     |
| <1      | <1       | <1      | <1      | <1      | <1      | <1      | <1      | 2        | <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1    | Dry    | Dry     | 4     | Dry   | Dry      | <1       | <1       | <1    | Dry      | <1       | <1      | <1     | <1      | 28     | Dry    | Dry      | <1    |     |

\* Water Quality Objective values for surface water refer to the default trigger values for physical and chemical stressors in south-east Australia (upland rivers) for the protection of 95% of aquatic species ANZECC / ARMCANZ (2018), they are not pollutant limits imposed by EPL 21126.  
 - Samples not required



## Snowy Hydro 2.0 Main Works

### Monthly EPL Sampling: 01-28 February 2025 - Treated Water

| Analyte                                   | Unit         | Limit of Reporting | Water Quality Objective Value*   |
|-------------------------------------------|--------------|--------------------|----------------------------------|
| <b>Flow Rate</b>                          |              |                    |                                  |
| Inflow <sup>#</sup>                       | ML/day       | -                  | -                                |
| Outflow <sup>#</sup>                      | ML/day       | -                  | 4.32 (EPL 43 / 50)               |
| <b>Field</b>                              |              |                    |                                  |
| pH                                        | pH Unit      | -                  | 6.5-8.5                          |
| Electrical Conductivity                   | µS/cm        | -                  | 700 (EPL 41) / 200 (EPL 50)      |
| Oxidation Reduction Potential             | mV           | -                  | No Water Quality Objective Value |
| Temperature                               | °C           | -                  | 15                               |
| Dissolved Oxygen                          | % saturation | -                  | No Water Quality Objective Value |
| Turbidity                                 | NTU          | -                  | <25                              |
| <b>Laboratory analytes</b>                |              |                    |                                  |
| Total suspended solids                    | mg/L         | 5                  | 5/10                             |
| Hardness as CaCO <sub>3</sub> (filtered)  | mg/L         | 1                  | No Water Quality Objective Value |
| <b>Nutrients</b>                          |              |                    |                                  |
| Ammonia as N                              | µg/L         | 10                 | 200/2000 <sup>^</sup>            |
| Nitrite + Nitrate as N (NO <sub>x</sub> ) | µg/L         | 10                 | 10                               |
| Kjeldahl Nitrogen Total                   | µg/L         | 100                | No Water Quality Objective Value |
| Nitrogen (Total)                          | µg/L         | 100                | 350/- <sup>^</sup>               |
| Reactive Phosphorus                       | µg/L         | 1                  | No Water Quality Objective Value |
| Phosphorus (Total)                        | µg/L         | 10                 | 100/300 <sup>^</sup>             |
| <b>Inorganics</b>                         |              |                    |                                  |
| Cyanide Total                             | µg/L         | 4                  | No Water Quality Objective Value |
| <b>Hydrocarbons</b>                       |              |                    |                                  |
| Oil and Grease                            | mg/L         | 1                  | 2/5 <sup>^</sup>                 |
| <b>Metals</b>                             |              |                    |                                  |
| Aluminium (dissolved)                     | µg/L         | 5                  | 55                               |
| Arsenic (dissolved)                       | µg/L         | 0.2                | 13                               |
| Chromium (III+VI) (dissolved)             | µg/L         | 0.2                | 1                                |
| Copper (dissolved)                        | µg/L         | 0.5                | 14                               |
| Iron (dissolved)                          | µg/L         | 2                  | 300                              |
| Lead (dissolved)                          | µg/L         | 0.1                | 3.4                              |
| Manganese (dissolved)                     | µg/L         | 0.5                | 1,900                            |
| Nickel (dissolved)                        | µg/L         | 0.5                | 11                               |
| Silver (dissolved)                        | µg/L         | 0.01               | 0.05                             |
| Zinc (dissolved)                          | µg/L         | 1                  | 8                                |
| <b>Biological</b>                         |              |                    |                                  |
| Faecal Coliforms                          | CFU/100mL    | 1                  | 10/100 <sup>^</sup>              |
| Biological Oxygen Demand                  | mg/L         | 2                  | 5                                |

| EPL 41    | EPL 43 | EPL 44 | EPL 45 | EPL 47 | EPL 48 | EPL 49 | EPL 50 |
|-----------|--------|--------|--------|--------|--------|--------|--------|
| 2/2/2025  |        |        |        |        |        |        |        |
| -         | 0.0000 | 0.1994 | 0.0523 | 0.2074 | 0.0887 | 0.6811 | -      |
| -         | -      | -      | -      | -      | -      | -      | -      |
| 26/2/2025 |        |        |        |        |        |        |        |
| 8.32      | -      | -      | -      | -      | -      | -      | 5.14   |
| 2210      | -      | -      | -      | -      | -      | -      | 10.8   |
| 203       | -      | -      | -      | -      | -      | -      | 224.5  |
| 26.69     | -      | -      | -      | -      | -      | -      | 19.6   |
| 66.3      | -      | -      | -      | -      | -      | -      | 85.7   |
| 9.9       | -      | -      | -      | -      | -      | -      | 0.8    |
| <5        |        |        |        |        |        |        |        |
| 106       | -      | -      | -      | -      | -      | -      | <1     |
| 2,110     |        |        |        |        |        |        |        |
| 18,300    | -      | -      | -      | -      | -      | -      | 20     |
| 3,300     | -      | -      | -      | -      | -      | -      | 200    |
| 21,600    | -      | -      | -      | -      | -      | -      | 200    |
| 70        | -      | -      | -      | -      | -      | -      | <10    |
| 80        | -      | -      | -      | -      | -      | -      | 40     |
| 11        |        |        |        |        |        |        |        |
| <1.0      |        |        |        |        |        |        |        |
| 16        |        |        |        |        |        |        |        |
| 3.0       | -      | -      | -      | -      | -      | -      | <5     |
| 13.3      | -      | -      | -      | -      | -      | -      | <0.2   |
| <0.5      | -      | -      | -      | -      | -      | -      | <0.2   |
| <2        | -      | -      | -      | -      | -      | -      | <0.5   |
| <0.1      | -      | -      | -      | -      | -      | -      | <2     |
| 2.7       | -      | -      | -      | -      | -      | -      | <0.1   |
| <0.5      | -      | -      | -      | -      | -      | -      | <0.5   |
| <0.01     | -      | -      | -      | -      | -      | -      | <0.5   |
| 2         | -      | -      | -      | -      | -      | -      | <0.01  |
| <1        |        |        |        |        |        |        |        |
| <2        | -      | -      | -      | -      | -      | -      | <1     |
| <2        |        |        |        |        |        |        |        |

Note: There is no 100th percentile limit for Nitrogen (Total).

\* Water Quality Objective values Treated Water reference the predicted values for physical and chemical stressors from the treatment plant as presented in the Main Works EIS.

- Samples not required

<sup>^</sup> 90 Percentile concentration limit/100 Percentile limit

<sup>#</sup> Inflows to STP and CWTP do not directly correspond to outflow at RO as much of the water is reused on site



## Snowy Hydro 2.0 Main Works

**Monthly EPL Sampling: 01-28 February 2025 - Treated Water**

[illegible]

| EPL 44                        | EPL 45 | EPL 47 | EPL 48 | EPL 49 |
|-------------------------------|--------|--------|--------|--------|
| Discharge volume (Megalitres) |        |        |        |        |
| 0.18                          | 0.04   | 0.33   | 0.18   | 0.50   |
| 0.14                          | 0.05   | 0.28   | 0.08   | 0.77   |
| 0.17                          | 0.04   | 0.13   | 0.08   | 0.84   |
| 0.19                          | 0.05   | 0.24   | 0.07   | 0.76   |
| 0.10                          | 0.04   | 0.21   | 0.07   | 0.65   |
| 0.19                          | 0.02   | 0.10   | 0.08   | 0.77   |
| 0.22                          | 0.09   | 0.32   | 0.08   | 0.71   |
| 0.19                          | 0.05   | 0.25   | 0.19   | 0.79   |
| 0.21                          | 0.03   | 0.20   | 0.07   | 0.87   |
| 0.24                          | 0.09   | 0.24   | 0.09   | 0.65   |
| 0.19                          | 0.05   | 0.24   | 0.09   | 0.76   |
| 0.19                          | 0.05   | 0.22   | 0.09   | 0.66   |
| 0.24                          | 0.05   | 0.26   | 0.08   | 0.86   |
| 0.14                          | 0.06   | 0.17   | 0.09   | 0.86   |
| 0.20                          | 0.05   | 0.21   | 0.19   | 0.68   |
| 0.20                          | 0.06   | 0.23   | 0.07   | 0.48   |
| 0.30                          | 0.07   | 0.21   | 0.01   | 0.95   |
| 0.30                          | 0.06   | 0.23   | 0.08   | 0.87   |
| 0.33                          | 0.06   | 0.21   | 0.10   | 0.77   |
| 0.38                          | 0.06   | 0.26   | 0.09   | 0.80   |
| 0.17                          | 0.05   | 0.22   | 0.09   | 0.59   |
| 0.11                          | 0.05   | 0.23   | 0.04   | 0.40   |
| 0.32                          | 0.07   | 0.21   | 0.09   | 0.50   |
| 0.27                          | 0.06   | 0.18   | 0.10   | 0.34   |
| 0.30                          | 0.08   | 0.19   | 0.03   | 0.83   |
| 0.18                          | 0.07   | 0.17   | 0.13   | 0.95   |
| 0.17                          | 0.04   | 0.23   | 0.07   | 0.99   |
| 0.18                          | 0.10   | 0.27   | 0.22   | 0.84   |
|                               |        |        |        |        |
|                               |        |        |        |        |

Note: The EPL discharge volume limit for EPL 43 and 50 is 4.32 megalitres per day. Compliance with this criteria was met during the reporting month.

\* The maximum flow rate capacity for Lobs Hole STP/PWTP during the reporting month was 4.40 L/s

<sup>a</sup> The maximum flow rate capacity for Tantangara STP/PWTP during the reporting month was 11.34 L/s

-- Water not discharged on this day



Snowy Hydro 2.0 Main Works EPL Sampling: 01 - 31 March 2025

|                                      |                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environmental Protection Licence No: | 21266                                                                                                                                                                                                                                                                                                                                                                   |
| Licensee:                            | Snowy Hydro Limited                                                                                                                                                                                                                                                                                                                                                     |
| Licensee address:                    | PO Box 332, Cooma, NSW 2630                                                                                                                                                                                                                                                                                                                                             |
| Premises:                            | Snowy 2.0 Pumped Hydro Power Station Talbingo and Tantangara, Kosciuszko National Park and Rock Forest, Kosciuszko NSW 2642                                                                                                                                                                                                                                             |
| EPA Public Register:                 | <a href="https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21266&amp;id=21266&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21266&amp;id=21266&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a> |

Monthly water sampling and analysis is performed as part of the Snowy 2.0 Approval Conditions, Environmental Protection Licence No 21266 - Variation 20 December 2024, and the approved Water Management Plan to ensure that works are not impacting on nearby receiving waters.

A map showing the location of each of the EPL named sampling points is provided after the results tables.

**Surface Water Results:** Surface water results revealed EPL24 to show elevated concentrations in Electrical conductivity, Total Nitrogen, Nitrates, and Manganese. These levels fall within range of historical data, though we have seen an increased trend of these analytes, it is important to note that this location is sampled weekly when water levels permit. It has been observed that some EPL locations on the Yarrongabily river, Wallaces Creek, Nungar Creek, Eucumbene River, Kelly's Creek, and the Murrumbidgee River have shown decreased levels of Disolved Oxygen which could be attributed to the lower levels of flow that had also been recorded historically when similiar conditions were present. EPL 52, EPL EPL84, EPL85, and EPL86 are all showing high levels on Total Nitrogen, Electrical Conductivity, and pH. These locations are sediment basins and the results lie within our expectations for the results we received. EPL100, EPL101 are basins that have been well managed and have been dewatered promptly after rain events leaving them too low to obtain a sample.

**Reservoir Results:** Talbingo and Tantangara reservoir had low water levels, higher temperatures, and both had evidence of algae blooms with green colours and physical growths on the surface. These conditions may have contributed to the results recorded this month as there were exceedances in Electrical conductivity, as well as faecal coliforms. There were slight exceedances recorded for the Total Nitrogen and Disolved oxygen were recorded at levels below our Water Quality Objectives for some of the locations.

**Discharge Results:** Water was discharged on the 01/03/2025 following suficient NATA accredited laboratory results. The conductivity of EPL41 and EPL50 are below Water Quality Objectives, Nitrates are slightly above WQO's, though feocal coliforms are within the guideline values.

**Groundwater Results:** The groundwater EPL points recorded at Tantangara (Emplacement area) and Lobs Hole (Lick Hole Gully, Main Yard, GF01) areas have recorded exceedances in Electrical conductivity. These locations are situated near spoil emplacement areas. EPL81, EPL82, and EPL88 are also showing exceedances in Arsenic (flitered), Iron (filtered), and Nitrogen Total. Bore maintenance is currently on going within nominated locations. The results showing for EPL116, and EPL117 in phospurus are extremely high in accordance to our WQO's, these spikes do not fall within histrocial records, and it is to note these locations are down gradients of the Spoil emplacement area. These EPL points are downgradient of the spoil emplacement areas, located near the reservoir. This is currently under investigation.

**Leachate results:** Results for lecachate basins show exceedances in pH, EC, DO, and turbidity, as well as the results recieved for the comprehensive samples. These results are within expectations. The Marica EPL locations were consistently managed at levels that prohibit sample collection.

The publication of this pollution monitoring data is carried out in accordance with section 66 (6) of the Protection of the Environment Operations Act 1997 (NSW).

Snowy Hydro Limited gives no warranty or representation regarding the data suitability for any particular purpose.

Snowy Hydro Limited excludes all liability to any person for loss or damage of any kind (however caused, including but not limited to by negligence) arising whether directly or indirectly from or relating in any way to the use of this data, whether in whole or in part.

[illegible]

\* Water Quality Objective values for groundwater refer to the default trigger values for physical and chemical stressors in south-east Australia (upland rivers) for the protection of 99% of aquatic species ANZECC / ARMCANZ (2000), they are not pollutant limits imposed by EPA 21266.

**Snowy Hydro 2.0 Main Works**  
**Monthly EPL Sampling: 01-31 March 2025 - Talbingo and Tantangara Reservoir**

| Analyte                                   | Unit         | Limit of Reporting | Water Quality Objective Value*   |
|-------------------------------------------|--------------|--------------------|----------------------------------|
| <b>Field</b>                              |              |                    |                                  |
| pH                                        | pH Unit      | -                  | 6.5-8                            |
| Electrical Conductivity                   | µS/cm        | -                  | 20-30                            |
| Oxidation Reduction Potential             | mV           | -                  | No Water Quality Objective Value |
| Temperature                               | °C           | -                  | No Water Quality Objective Value |
| Dissolved Oxygen                          | % saturation | -                  | 90-110                           |
| Turbidity                                 | NTU          | -                  | 1-20                             |
| <b>Laboratory analytes</b>                |              |                    |                                  |
| Total suspended solids                    | mg/L         | 5                  | No Water Quality Objective Value |
| Hardness as CaCO <sub>3</sub> (filtered)  | mg/L         | 1                  | No Water Quality Objective Value |
| <b>Nutrients</b>                          |              |                    |                                  |
| Ammonia as N                              | µg/L         | 10                 | 10                               |
| Nitrite + Nitrate as N (NO <sub>x</sub> ) | µg/L         | 10                 | 10                               |
| Kjeldahl Nitrogen Total                   | µg/L         | 100                | No Water Quality Objective Value |
| Nitrogen (Total)                          | µg/L         | 100                | 350                              |
| Reactive Phosphorus                       | µg/L         | 1                  | 5                                |
| Phosphorus (Total)                        | µg/L         | 10                 | 10                               |
| <b>Inorganics</b>                         |              |                    |                                  |
| Cyanide Total                             | µg/L         | 4                  | 7                                |
| <b>Hydrocarbons</b>                       |              |                    |                                  |
| Oil and Grease                            | mg/L         | 1                  | 5                                |
| <b>Metals</b>                             |              |                    |                                  |
| Aluminium (dissolved)                     | µg/L         | 5                  | 55                               |
| Arsenic (dissolved)                       | µg/L         | 0.2                | 13                               |
| Chromium [III+VI] (dissolved)             | µg/L         | 0.2                | 1                                |
| Copper (dissolved)                        | µg/L         | 0.5                | 14                               |
| Iron (dissolved)                          | µg/L         | 2                  | 300                              |
| Lead (dissolved)                          | µg/L         | 0.1                | 3.4                              |
| Manganese (dissolved)                     | µg/L         | 0.5                | 1,900                            |
| Nickel (dissolved)                        | µg/L         | 0.5                | 11                               |
| Silver (dissolved)                        | µg/L         | 0.01               | 0.05                             |
| Zinc (dissolved)                          | µg/L         | 1                  | 8                                |
| <b>Biological</b>                         |              |                    |                                  |
| Faecal Coliforms                          | CFU/100mL    | 1                  | 10/100*                          |
| Biochemical Oxygen Demand                 | mg/L         | 2                  | 1/5^                             |

\* Water Quality Objective values for Talbingo and Tantangara Reservoir refer to the default trigger values for physical and chemical stressors in south-east Australia (fresh lakes and reservoirs) for the protection of 95% of aquatic species ANZECC / ARMCANZ (2000), they are not pollutant limits imposed by EPL 21266.

\*\* Algal blooms can present as faecal coliforms

^ 90th percentile concentration limits / 100 percentile concentration limits

- Sample not required at this location.

| EPL10  | EPL11  | EPL28   | EPL29   | EPL32   | EPL38  | EPL39  | EPL40  | EPL46   | EPL51   | EPL107  | EPL108  | EPL109  |
|--------|--------|---------|---------|---------|--------|--------|--------|---------|---------|---------|---------|---------|
| 2/3/25 | 2/3/25 | 26/3/25 | 26/3/25 | 26/3/25 | 1/3/25 | 9/3/25 | 9/3/25 | 26/3/25 | 26/3/25 | 16/3/25 | 16/3/25 | 16/3/25 |
| 8.1    | 8.01   | 7.82    | 8.42    | 8.18    | 7.94   | 6.34   | 8.95   | 8.5     | 8.43    | 7.79    | 7.72    | 7.77    |
| 102    | 63     | 27      | 26      | 26      | 36     | 29.6   | 31.7   | 26      | 26      | 40      | 38      | 36      |
| 191    | 192    | 130     | 140     | 14      | 174    | 664.1  | 625.5  | 139     | 140     | 193     | 190     | 180     |
| 22.97  | 22.84  | 18.43   | 20.14   | 20.19   | 22.63  | 17.6   | 16.5   | 20.29   | 20.21   | 22.01   | 21.97   | 21.7    |
| 64.8   | 70.6   | 93.2    | 95.5    | 91.5    | 54.1   | 62.1   | 75.3   | 97.1    | 93.8    | 72.6    | 67.8    | 75.6    |
| 1.61   | 1.15   | 7.3     | 13.4    | 12.9    | 8.8    | 7.17   | 2.63   | 12.5    | 10.7    | 0.76    | 0.85    | 0.66    |
| <5     | <5     | <5      | <5      | <5      | <5     | <5     | <5     | <5      | 5       | <5      | <5      | <5      |
| 46     | 28     | 9       | 9       | 9       | 9      | 13     | 16     | 9       | 9       | 14      | 14      | 14      |
| <10    | <10    | 70      | <10     | <10     | 20     | 30     | 140    | 90      | <10     | <10     | 40      | 20      |
| <10    | <10    | 10      | <10     | <10     | <10    | 290    | 20     | 10      | <10     | <10     | 10      | <10     |
| 100    | 100    | 300     | 400     | 400     | 300    | 100    | 200    | 300     | 400     | 100     | 100     | 100     |
| 100    | 100    | 300     | 400     | 400     | 300    | 400    | 200    | 300     | 400     | 100     | 100     | 100     |
| <10    | <10    | <10     | <10     | <10     | <10    | <10    | <10    | <10     | <10     | <10     | <10     | <10     |
| 20     | 10     | 20      | 30      | 30      | 20     | <10    | <10    | 40      | 30      | 20      | 20      | 10      |
| <4     | <4     | <4      | <4      | <4      | <4     | <4     | <4     | <4      | <4      | <4      | <4      | <4      |
| <1.0   | <1.0   | <1.0    | <1.0    | <1.0    | <1.0   | <1.0   | <1.0   | <1.0    | <1.0    | <1.0    | <1.0    | <1.0    |
| <5     | <5     | 12      | 9       | 11      | 40     | 26     | 19     | 10      | 10      | <5      | <5      | <5      |
| 0.7    | 0.5    | 0.4     | 0.4     | 0.4     | 0.4    | 0.2    | <0.2   | 0.4     | 0.4     | 0.3     | 0.4     | 0.4     |
| <0.2   | <0.2   | <0.2    | <0.2    | <0.2    | <0.2   | <0.2   | <0.2   | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    |
| <0.5   | <0.5   | <0.5    | <0.5    | <0.5    | <0.5   | <0.5   | <0.5   | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| 20     | 6      | 141     | 90      | 92      | 218    | 98     | 89     | 96      | 91      | 4       | 3       | 3       |
| <0.1   | <0.1   | <0.1    | <0.1    | <0.1    | <0.1   | <0.1   | <0.1   | <0.1    | <0.1    | <0.1    | <0.1    | <0.1    |
| <0.5   | <0.5   | 0.6     | <0.5    | <0.5    | 1.7    | 3.4    | 3.4    | 0.5     | <0.5    | <0.5    | <0.5    | <0.5    |
| <0.5   | <0.5   | <0.5    | <0.5    | <0.5    | <0.5   | <0.5   | <0.5   | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    |
| <0.01  | <0.01  | <0.01   | <0.01   | <0.01   | <0.01  | <0.01  | <0.01  | <0.01   | <0.01   | <0.01   | <0.01   | <0.01   |
| <1     | <1     | <1      | <1      | <1      | <1     | <1     | <1     | <1      | <1      | <1      | <1      | <1      |
| 75     | 230    | 7       | -       | -       | -      | -      | -      | -       | 5       | -       | -       | -       |
| 4      | 3      | 3       | -       | -       | -      | -      | -      | -       | 2       | -       | -       | -       |

Snowy Hydro 2.0 Main Works  
Monthly EPL Sampling: 01-31 March 2025 - Surface Water

| Analyte                                   | Unit         | Limit of Reporting | Water Quality Objective Value*   |
|-------------------------------------------|--------------|--------------------|----------------------------------|
| <b>Field</b>                              |              |                    |                                  |
| pH                                        | -            | -                  | 6.5-8                            |
| Electrical Conductivity                   | µS/cm        | -                  | 50-300                           |
| Oxidation Reduction Potential             | mV           | -                  | No Water Quality Objective Value |
| Temperature                               | °C           | -                  | No Water Quality Objective Value |
| Dissolved Oxygen                          | % saturation | -                  | 90-110                           |
| Turbidity                                 | NTU          | -                  | 2-25                             |
| <b>Laboratory analyses</b>                |              |                    |                                  |
| TSS                                       | mg/L         | 5                  | No Water Quality Objective Value |
| Hardness as CaCO <sub>3</sub>             | mg/L         | 1                  | No Water Quality Objective Value |
| <b>Nutrients</b>                          |              |                    |                                  |
| Ammonia as N                              | µg/L         | 10                 | 13                               |
| Nitrite + Nitrate as N (NO <sub>2</sub> ) | µg/L         | 10                 | 15                               |
| Nitrate Nitrogen Total                    | µg/L         | 100                | No Water Quality Objective Value |
| Nitrogen (Total)                          | µg/L         | 100                | 250                              |
| Reactive Phosphorus                       | µg/L         | 1                  | 15                               |
| Phosphorus (Total)                        | µg/L         | 10                 | 20                               |
| <b>Inorganics</b>                         |              |                    |                                  |
| Cyanide Total                             | µg/L         | 4                  | 4                                |
| <b>Hydrocarbons</b>                       |              |                    |                                  |
| Oil and Grease                            | mg/L         | 1                  | 5                                |
| <b>Metals</b>                             |              |                    |                                  |
| Aluminium (total)                         | µg/L         | 5                  | No Water Quality Objective Value |
| Aluminium (dissolved)                     | µg/L         | 5                  | 27                               |
| Arsenic (total)                           | µg/L         | 0.2                | No Water Quality Objective Value |
| Arsenic (dissolved)                       | µg/L         | 0.2                | No Water Quality Objective Value |
| Chromium (III+VI) (total)                 | µg/L         | 0.2                | No Water Quality Objective Value |
| Chromium (III+VI) (dissolved)             | µg/L         | 0.2                | 0.01                             |
| Copper (dissolved)                        | µg/L         | 0.5                | No Water Quality Objective Value |
| Copper (total)                            | µg/L         | 2                  | No Water Quality Objective Value |
| Iron (dissolved)                          | µg/L         | 2                  | 300                              |
| Lead (total)                              | µg/L         | 0.1                | 1                                |
| Lead (dissolved)                          | µg/L         | 0.1                | No Water Quality Objective Value |
| Manganese (total)                         | µg/L         | 0.5                | No Water Quality Objective Value |
| Manganese (dissolved)                     | µg/L         | 0.5                | 1,200                            |
| Nickel (total)                            | µg/L         | 0.5                | No Water Quality Objective Value |
| Nickel (dissolved)                        | µg/L         | 0.5                | 8                                |
| Silver (total)                            | µg/L         | 0.01               | No Water Quality Objective Value |
| Silver (dissolved)                        | µg/L         | 0.01               | 0.02                             |
| Zinc (total)                              | µg/L         | 1                  | No Water Quality Objective Value |
| Zinc (dissolved)                          | µg/L         | 1                  | 2.4                              |

| EPL5    | EPL6    | EPL8    | EPL9    | EPL12   | EPL14   | EPL15   | EPL16   | EPL14   | EPL16    | EPL17    | EPL30   | EPL31   | EPL33   | EPL34   | EPL35   | EPL36   | EPL37   | EPL52   | EPL53 | EPL54 | EPL55 | EPL67 | EPL71 | EPL84 | EPL85    | EPL86    | EPL98    | EPL99  | EPL100   | EPL101 | EPL106 | EPL110  | EPL118 | EPL120 | EPL122 |         |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|-------|-------|-------|-------|-------|-------|----------|----------|----------|--------|----------|--------|--------|---------|--------|--------|--------|---------|
| 3/03/25 | 3/03/25 | 3/03/25 | 3/03/25 | 3/03/25 | 3/03/25 | 3/03/25 | 3/03/25 | 7/03/25 | 18/03/25 | 18/03/25 | 1/09/25 | 1/09/25 | 1/09/25 | 1/09/25 | 1/09/25 | 8/03/25 | 8/03/25 | 4/03/25 | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | 13/03/25 | 13/03/25 | 13/03/25 | Dry    | 18/03/25 | Dry    | Dry    | 5/03/25 | Dry    | Dry    | Dry    | 7/03/25 |
| 8.03    | 7.9     | 7.86    | 8.14    | 8.06    | 7.99    | 8.05    | 8.26    | 6.7     | 7.86     | 8.23     | 6.89    | 7.12    | 7.21    | 8.19    | 7.87    | 7.29    | 7.36    | 9.21    | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | 9.29     | 8.85     | 8.87     | Dry    | 30.46    | Dry    | Dry    | 7.66    | Dry    | 7.86   |        |         |
| 219     | 123     | 221     | 177     | 172     | 166     | 170     | 175     | 1270    | 37       | 36       | 40      | 32      | 31      | 48      | 40      | 52      | 54      | 863     | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | 966      | 561      | 1130     | Dry    | 511      | Dry    | Dry    | 1379    | Dry    | Dry    | 539    |         |
| 90      | 118     | 139     | 146     | 301     | 121     | 125     | 137     | 134     | 190      | 164      | 268     | 285     | 239     | 136     | 155     | 126     | 145     | 93      | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | 115      | 129      | 147      | Dry    | 59       | Dry    | Dry    | 196     | Dry    | Dry    | 123    |         |
| 17.93   | 16.42   | 21.61   | 20.07   | 17.47   | 17.39   | 17.77   | 22.66   | 18.43   | 11.98    | 11       | 13.43   | 13.5    | 17.83   | 12.18   | 11.71   | 16.06   | 15.75   | 23.49   | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | 28.62    | 23.51    | 27.8     | Dry    | 12.29    | Dry    | Dry    | 21.14   | Dry    | Dry    | 17.55  |         |
| 88.4    | 63.3    | 68.7    | 84      | 66.2    | 107.4   | 71.5    | 65.3    | 65.1    | 74.2     | 71.2     | 61.4    | 69.4    | 68.3    | 66.3    | 68.8    | 58.2    | 63.2    | 80.4    | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | 128.5    | 56       | 80.4     | Dry    | 69.8     | Dry    | Dry    | 101.9   | Dry    | Dry    | 78.8   |         |
| 8       | 3.7     | 4.6     | 10.1    | 1.6     | 3.3     | 1.7     | 3.3     | 0.4     | 5.3      | 7.65     | 5.1     | 8.8     | 13.2    | 71.9    | 14.9    | 7.8     | 9.2     | 47.1    | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | 782      | 1000     | 56.5     | Dry    | 170      | Dry    | Dry    | 20.8    | Dry    | Dry    | 100    |         |
| 7       | <5      | <5      | <5      | <5      | <5      | <5      | <5      | <5      | <5       | <5       | <5      | <5      | <5      | <5      | <5      | <5      | <5      | 24      | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | 223      | 418      | 26       | Dry    | 72       | Dry    | Dry    | 6       | Dry    | Dry    | 87     |         |
| 212     | 60      | 80      | 82      | 87      | 85      | 85      | 85      | 330     | 18       | 18       | 13      | 13      | 9       | 16      | 16      | 17      | 17      | 260     | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | 44       | 31       | 217      | Dry    | 108      | Dry    | Dry    | 420     | Dry    | Dry    | 86     |         |
| 20      | 10      | 20      | <10     | <10     | 16      | <10     | <10     | 10      | 20       | <10      | 40      | <10     | 20      | 80      | 30      | 20      | 20      | 390     | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | Dry      | 20       | 20       |        | Dry      | 130    | Dry    | Dry     | <10    | Dry    | Dry    | 75      |
| <10     | <10     | 380     | 20      | <10     | 10      | 10      | 20      | 61,600  | <10      | <10      | 10      | <10     | 10      | <10     | <10     | 20      | 10      | 38,100  | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | Dry      | 1,180    | 5,320    | 11,800 | Dry      | 5,380  | Dry    | Dry     | 43,100 | Dry    | Dry    | 9,180   |
| <100    | <100    | <100    | <100    | <100    | <100    | 100     | <100    | 5,100   | <100     | <100     | 200     | <100    | 300     | 400     | 300     | 100     | 300     | 7,000   | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | 800      | 1,400    | 1,700    | Dry    | 2,200    | Dry    | Dry    | 6,600   | Dry    | Dry    | 400    |         |
| <100    | <100    | 400     | <100    | <100    | <100    | 100     | <100    | 66,500  | <100     | <100     | 200     | <100    | 300     | 400     | 300     | 100     | 300     | 45,100  | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | 2,900    | 6,900    | 13,600   | Dry    | 8,600    | Dry    | Dry    | 50,100  | Dry    | Dry    | 9,600  |         |
| <10     | <10     | <10     | <10     | <10     | <10     | <10     | <10     | <10     | <10      | <10      | <10     | <10     | <10     | <10     | <10     | <10     | <10     | <10     | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | <10      | 20       | <10      | Dry    | <10      | Dry    | Dry    | <10     | Dry    | <10    |        |         |
| 10      | 30      | 50      | 40      | <10     | 30      | 40      | 30      | 20      | 10       | 40       | 150     | 20      | 20      | 40      | <10     | 40      | 30      | 30      | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | Dry      | 150      | 160      | 30     | Dry      | 130    | Dry    | 20      | Dry    | Dry    | 200    |         |
| <4      | <4      | <4      | <4      | 14      | <4      | <4      | <4      | <4      | 5        | <4       | <4      | <4      | <4      | <4      | <4      | <4      | <4      | <4      | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | Dry      | <4       | <4       | <4     | Dry      | <4     | Dry    | Dry     | <4     | Dry    | <4     |         |
| <1.0    | <1.0    | <1.0    | <1.0    | <1.0    | <1.0    | <1.0    | <1.0    | <1.0    | <1.0     | <1.0     | <1.0    | <1.0    | <1.0    | <1.0    | <1.0    | <1.0    | <1.0    | <1.0    | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | <1.0     | <1.0     | <1.0     | Dry    | <1.0     | Dry    | Dry    | <1.0    | Dry    | <1.0   |        |         |
| -       | -       | -       | -       | -       | -       | -       | -       | -       | -        | -        | -       | -       | -       | -       | -       | -       | -       | 164     | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | -        | -        | -        | -      | -        | -      | -      | -       | -      | -      |        |         |
| <5      | <5      | <5      | <5      | <5      | <5      | <5      | <5      | <5      | <5       | <5       | 11      | 12      | 24      | 16      | 15      | 16      | 23      | <5      | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | Dry      | 19       | 19       | 5      | Dry      | 85     | Dry    | Dry     | <5     | Dry    | <5     |         |
| 0.7     | 0.3     | 0.7     | 0.6     | 0.7     | 0.7     | 0.7     | 0.7     | 0.4     | <0.2     | <0.2     | <0.2    | <0.2    | 0.4     | 0.2     | 0.2     | 0.3     | 0.4     | <0.2    | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | Dry      | 20.5     | 21.9     | 6.2    | Dry      | 1.4    | Dry    | Dry     | 2.3    | Dry    | 0.3    |         |
| -       | -       | -       | -       | -       | -       | -       | -       | -       | -        | -        | -       | -       | -       | -       | -       | -       | -       | 1.5     | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | Dry      | -        | -        | -      | -        | -      | -      | -       | -      | -      |        |         |
| <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | 0.4     | 0.3      | 0.3      | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | <0.2    | 0.2     | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | Dry      | 8.6      | 15.6     | 9.3    | Dry      | 76.6   | Dry    | 2.1     | Dry    | Dry    | <0.2   |         |
| <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5     | <0.5     | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | Dry      | 4.0      | 1.9      | 0.8    | Dry      | 0.7    | Dry    | Dry     | <0.5   | Dry    | <0.5   |         |
| -       | -       | -       | -       | -       | -       | -       | -       | -       | -        | -        | -       | -       | -       | -       | -       | -       | -       | 132     | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | Dry      | -        | -        | -      | -        | -      | -      | -       | -      | -      |        |         |
| 6       | 22      | 11      | 12      | 6       | 8       | 9       | 13      | 2       | 22       | 15       | 46      | 35      | 145     | 213     | 221     | 324     | 269     | <2      | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | Dry      | 27       | 36       | <2     | Dry      | 5      | Dry    | Dry     | <2     | Dry    | 4      |         |
| <0.1    | <0.1    | <0.1    | <0.1    | <0.1    | <0.1    | <0.1    | <0.1    | <0.1    | <0.1     | <0.1     | <0.1    | <0.1    | <0.1    | <0.1    | <0.1    | <0.1    | <0.1    | <0.1    | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | Dry      | <0.1     | <0.1     | <0.1   | Dry      | <0.1   | Dry    | Dry     | <0.1   | Dry    | <0.1   |         |
| -       | -       | -       | -       | -       | -       | -       | -       | -       | -        | -        | -       | -       | -       | -       | -       | -       | -       | 2.9     | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | Dry      | -        | -        | -      | -        | -      | -      | -       | -      | -      |        |         |
| 0.6     | 2.4     | 1.5     | 1.0     | 0.8     | 0.8     | 1.5     | 2.9     | 275     | 5.2      | 2.8      | 3.5     | 2.0     | 0.9     | 11.8    | 5.6     | 49.2    | 0.8     | <0.5    | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | Dry      | 0.8      | <0.5     | <0.5   | Dry      | <0.5   | Dry    | Dry     | <0.5   | Dry    | <0.5   |         |
| -       | -       | -       | -       | -       | -       | -       | -       | -       | -        | -        | -       | -       | -       | -       | -       | -       | -       | 0.3     | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | Dry      | -        | -        | -      | -        | -      | -      | -       | -      | -      |        |         |
| <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | 2.2      | <0.5     | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | Dry      | 1.2      | 0.6      | 0.6    | Dry      | <0.5   | Dry    | 1.9     | Dry    | Dry    | <0.5   |         |
| -       | -       | -       | -       | -       | -       | -       | -       | -       | -        | -        | -       | -       | -       | -       | -       | -       | -       | <0.01   | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | Dry      | -        | -        | -      | -        | -      | -      | -       | -      | -      |        |         |
| <0.01   | <0.01   | <0.01   | <0.01   | <0.01   | <0.01   | <0.01   | <0.01   | <0.01   | <0.01    | <0.01    | <0.01   | <0.01   | <0.01   | <0.01   | <0.01   | <0.01   | <0.01   | <0.01   | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | Dry      | <0.01    | <0.01    | <0.01  | Dry      | <0.01  | Dry    | Dry     | <0.01  | Dry    | <0.01  |         |
| -       | -       | -       | -       | -       | -       | -       | -       | -       | -        | -        | -       | -       | -       | -       | -       | -       | -       | 2       | Dry   | Dry   | Dry   | Dry   | Dry   | Dry   | Dry      | <0.01    | <0.01    | <0.01  | Dry      | <0.01  | Dry    | Dry     | <0.01  | Dry    | <0.01  |         |
| <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1      | <1      | 7        | <1       | <1      | 8       | <1      | <1      | <1      | <1      | <1      | <1      | <1    | Dry   | Dry   | Dry   | Dry   | Dry   | Dry      | <1       | 2        | <1     | Dry      | <1     | Dry    | <1      | Dry    | <1     | <1     |         |

\* Water Quality Objective values for surface water refer to the default trigger values for physical and chemical stressors in south-east Australia (upland rivers) for the protection of 95% of aquatic species ANZECC / ARMCANZ (2018), they are not pollutant limits imposed by EPL 21266.

- Sample(s) required

**Snowy Hydro 2.0 Main Works**  
**Monthly EPL Sampling: 01-31 March 2025 - Discharge Water**

| Analyte                                   | Unit         | Limit of Reporting | Water Quality Objective Value*   |
|-------------------------------------------|--------------|--------------------|----------------------------------|
| <b>Flow Rate</b>                          |              |                    |                                  |
| Inflow <sup>#</sup>                       | ML/day       | -                  | -                                |
| Outflow <sup>#</sup>                      | ML/day       | -                  | 4.32 (EPL 43 / 50)               |
| <b>Field</b>                              |              |                    |                                  |
| pH                                        | pH Unit      | -                  | 6.5-8.5                          |
| Electrical Conductivity                   | µS/cm        | -                  | 700 (EPL 41) / 200 (EPL 50)      |
| Oxidation Reduction Potential             | mV           | -                  | No Water Quality Objective Value |
| Temperature                               | °C           | -                  | 15                               |
| Dissolved Oxygen                          | % saturation | -                  | No Water Quality Objective Value |
| Turbidity                                 | NTU          | -                  | <25                              |
| <b>Laboratory analytes</b>                |              |                    |                                  |
| Total suspended solids                    | mg/L         | 5                  | 5/10                             |
| Hardness as CaCO <sub>3</sub> (filtered)  | mg/L         | 1                  | No Water Quality Objective Value |
| <b>Nutrients</b>                          |              |                    |                                  |
| Ammonia as N                              | µg/L         | 10                 | 200/2000 <sup>^</sup>            |
| Nitrite + Nitrate as N (NO <sub>x</sub> ) | µg/L         | 10                 | 10                               |
| Kjeldahl Nitrogen Total                   | µg/L         | 100                | No Water Quality Objective Value |
| Nitrogen (Total)                          | µg/L         | 100                | 350/- <sup>^</sup>               |
| Reactive Phosphorus                       | µg/L         | 1                  | No Water Quality Objective Value |
| Phosphorus (Total)                        | µg/L         | 10                 | 100/300 <sup>^</sup>             |
| <b>Inorganics</b>                         |              |                    |                                  |
| Cyanide Total                             | µg/L         | 4                  | No Water Quality Objective Value |
| <b>Hydrocarbons</b>                       |              |                    |                                  |
| Oil and Grease                            | mg/L         | 1                  | 2/5 <sup>^</sup>                 |
| <b>Metals</b>                             |              |                    |                                  |
| Aluminium (dissolved)                     | µg/L         | 5                  | 55                               |
| Arsenic (dissolved)                       | µg/L         | 0.2                | 13                               |
| Chromium (III+VI) (dissolved)             | µg/L         | 0.2                | 1                                |
| Copper (dissolved)                        | µg/L         | 0.5                | 14                               |
| Iron (dissolved)                          | µg/L         | 2                  | 300                              |
| Lead (dissolved)                          | µg/L         | 0.1                | 3.4                              |
| Manganese (dissolved)                     | µg/L         | 0.5                | 1,900                            |
| Nickel (dissolved)                        | µg/L         | 0.5                | 11                               |
| Silver (dissolved)                        | µg/L         | 0.01               | 0.05                             |
| Zinc (dissolved)                          | µg/L         | 1                  | 8                                |
| <b>Biological</b>                         |              |                    |                                  |
| Faecal Coliforms                          | CFU/100mL    | 1                  | 10/100 <sup>^</sup>              |
| Biological Oxygen Demand                  | mg/L         | 2                  | 5                                |

| EPL 41     | EPL 43 | EPL 44 | EPL 45 | EPL 47 | EPL 48 | EPL 49 | EPL 50 |
|------------|--------|--------|--------|--------|--------|--------|--------|
| 16/03/2025 |        |        |        |        |        |        |        |
| -          | 0.0000 | 0.2650 | 0.0512 | 0.2177 | 0.0970 | 0.7472 | -      |
| -          | -      | -      | -      | -      | -      | -      | -      |
| 7.84       | -      | -      | -      | -      | -      | -      | 7.92   |
| 6          | -      | -      | -      | -      | -      | -      | 18.6   |
| 507        | -      | -      | -      | -      | -      | -      | 701    |
| 25.15      | -      | -      | -      | -      | -      | -      | 16.1   |
| 73.6       | -      | -      | -      | -      | -      | -      | 55.2   |
| 0.9        | -      | -      | -      | -      | -      | -      | 0.53   |
| <5         | -      | -      | -      | -      | -      | -      | <5     |
| <1         | -      | -      | -      | -      | -      | -      | <1     |
| 40         | -      | -      | -      | -      | -      | -      | <10    |
| 100        | -      | -      | -      | -      | -      | -      | <10    |
| <100       | -      | -      | -      | -      | -      | -      | <100   |
| 100        | -      | -      | -      | -      | -      | -      | <100   |
| <10        | -      | -      | -      | -      | -      | -      | <10    |
| <10        | -      | -      | -      | -      | -      | -      | 10     |
| <4         | -      | -      | -      | -      | -      | -      | <4     |
| <1.0       | -      | -      | -      | -      | -      | -      | <1     |
| <5         | -      | *      | -      | -      | -      | -      | <5     |
| <0.2       | -      | *      | -      | -      | -      | -      | <0.2   |
| <0.2       | -      | *      | -      | -      | -      | -      | <0.2   |
| <0.5       | -      | *      | -      | -      | -      | -      | <0.5   |
| <2         | -      | *      | -      | -      | -      | -      | <2     |
| <0.1       | -      | *      | -      | -      | -      | -      | <0.1   |
| <0.5       | -      | *      | -      | -      | -      | -      | <0.5   |
| <0.5       | -      | *      | -      | -      | -      | -      | <0.5   |
| <0.01      | -      | *      | -      | -      | -      | -      | <0.01  |
| <1         | -      | -      | -      | -      | -      | -      | <1     |
| 11.00      | -      | -      | -      | -      | -      | -      | <1     |
| <2         | -      | -      | -      | -      | -      | -      | <1     |

Note: Treated water was not being discharged at Talbingo Reservoir at the time of EPL sampling.

There is no 100th percentile limit for Nitrogen (Total).

\* Water Quality Objective values Treated Water reference the predicted values for physical and chemical stressors from the treatment plant as presented in the Main Works EIS.

- Samples not required

<sup>^</sup> 90 Percentile concentration limit/100 Percentile limit

<sup>#</sup> Inflows to STP and CWTP do not directly correspond to outflow at RO as much of the water is reused on site

**Snowy Hydro 2.0 Main Works**  
**Monthly EPL Sampling: 01-31 March 2025 - Volumes**

| Date       |
|------------|
| 1/03/2025  |
| 2/03/2025  |
| 3/03/2025  |
| 4/03/2025  |
| 5/03/2025  |
| 6/03/2025  |
| 7/03/2025  |
| 8/03/2025  |
| 9/03/2025  |
| 10/03/2025 |
| 11/03/2025 |
| 12/03/2025 |
| 13/03/2025 |
| 14/03/2025 |
| 15/03/2025 |
| 16/03/2025 |
| 17/03/2025 |
| 18/03/2025 |
| 19/03/2025 |
| 20/03/2025 |
| 21/03/2025 |
| 22/03/2025 |
| 23/03/2025 |
| 24/03/2025 |
| 25/03/2025 |
| 26/03/2025 |
| 27/03/2025 |
| 28/03/2025 |
| 29/03/2025 |
| 30/03/2025 |
| 31/03/2025 |

| EPL 43 *                      | EPL 50 ^ |
|-------------------------------|----------|
| Discharge volume (Megalitres) |          |
| -                             | -        |
| 0.44                          | -        |
| -                             | -        |
| -                             | -        |
| -                             | -        |
| -                             | -        |
| -                             | -        |
| -                             | -        |
| -                             | -        |
| -                             | -        |
| -                             | -        |
| -                             | -        |
| 0.20                          | -        |
| -                             | -        |
| -                             | -        |
| -                             | -        |
| -                             | -        |
| -                             | -        |
| -                             | -        |
| -                             | -        |
| -                             | -        |
| 0.12                          | -        |
| 0.57                          | -        |
| -                             | -        |
| 0.38                          | -        |
| 1.14                          | -        |
| 0.27                          | 0.73     |
| -                             | 0.63     |
| -                             | -        |
| 14.85                         | 0.28     |
| 0.39                          | -        |

| EPL 44                        | EPL 45 | EPL 47 | EPL 48 | EPL 49 |
|-------------------------------|--------|--------|--------|--------|
| Discharge volume (Megalitres) |        |        |        |        |
| 0.14                          | 0.06   | 0.16   | 0.12   | 0.62   |
| 0.15                          | 0.06   | 0.20   | 0.05   | 0.52   |
| 0.15                          | 0.07   | 0.21   | 0.08   | 0.71   |
| 0.15                          | 0.06   | 0.20   | 0.24   | 0.86   |
| 0.11                          | 0.04   | 0.22   | 0.08   | 0.79   |
| 0.12                          | 0.04   | 0.21   | 0.09   | 0.75   |
| 0.15                          | 0.05   | 0.21   | 0.08   | 0.76   |
| 0.22                          | 0.03   | 0.23   | 0.09   | 0.79   |
| 0.16                          | 0.04   | 0.21   | 0.09   | 0.69   |
| 0.21                          | 0.07   | 0.18   | 0.08   | 0.86   |
| 0.13                          | 0.03   | 0.20   | 0.09   | 0.59   |
| 0.13                          | 0.05   | 0.18   | 0.08   | 0.53   |
| 0.13                          | 0.05   | 0.20   | 0.07   | 0.83   |
| 0.73                          | 0.05   | 0.20   | 0.09   | 0.92   |
| 0.42                          | 0.04   | 0.20   | 0.07   | 0.98   |
| 0.49                          | 0.06   | 0.17   | 0.01   | 0.68   |
| 0.41                          | 0.07   | 0.29   | 0.07   | 0.52   |
| 0.42                          | 0.07   | 0.23   | 0.16   | 0.87   |
| 0.40                          | 0.06   | 0.25   | 0.04   | 0.72   |
| 0.42                          | 0.06   | 0.25   | 0.06   | 0.64   |
| 0.28                          | 0.03   | 0.19   | 0.06   | 0.58   |
| 0.24                          | 0.04   | 0.20   | 0.06   | 0.78   |
| 0.39                          | 0.06   | 0.20   | 0.01   | 0.73   |
| 0.24                          | 0.04   | 0.22   | 0.04   | 0.76   |
| 0.25                          | 0.04   | 0.22   | 0.08   | 0.81   |
| 0.16                          | 0.05   | 0.23   | 0.25   | 0.52   |
| 0.28                          | 0.05   | 0.22   | 0.08   | 0.83   |
| 0.13                          | 0.04   | 0.24   | 0.08   | 0.83   |
| 0.24                          | 0.05   | 0.21   | 0.17   | 0.50   |
| 0.30                          | 0.05   | 0.21   | 0.16   | 0.67   |
| 0.21                          | 0.05   | 0.21   | 0.17   | 0.78   |

- Water not discharged on this day
- Note: The EPL discharge volume limit for EPL 43 and 50 is 4.32 megalitres per day. Compliance with this criteria was met during the reporting month.
- \* The maximum flow rate capacity for Lobs Hole STP/PWTP during the reporting month was 8.45 L/s
- ^ The maximum flow rate capacity for Tantangara STP/PWTP during the reporting month was 11.34 L/s
- Water not discharged on this day



Snowy Hydro 2.0 Main Works EPL Sampling: 01 - 30 April 2025

|                                      |                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environmental Protection Licence No: | 21266                                                                                                                                                                                                                                                                                                                                                                   |
| Licensee:                            | Snowy Hydro Limited                                                                                                                                                                                                                                                                                                                                                     |
| Licensee address:                    | PO Box 332, Cooma, NSW 2630                                                                                                                                                                                                                                                                                                                                             |
| Premises:                            | Snowy 2.0 Pumped Hydro Power Station Talbingo and Tantangara, Kosciuszko National Park and Rock Forest, Kosciuszko NSW 2642                                                                                                                                                                                                                                             |
| EPA Public Register:                 | <a href="https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21266&amp;id=21266&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21266&amp;id=21266&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a> |

Monthly water sampling and analysis is performed as part of the Snowy 2.0 Approval Conditions, Environmental Protection Licence No 21266 - Variation 20 December 2024, and the approved Water Management Plan to ensure that works are not impacting on nearby receiving waters.

A map showing the location of each of the EPL named sampling points is provided after the results tables.

**Surface Water Results:** EPL24 reported elevated nutrient concentrations, electrical conductivity and select heavy metals in line with previous sampling rounds, consistent with low water levels at the location. Although this is typical of low flows the site will continue to be monitored weekly. Multiple locations, such as EPL122 have reported elevated EC, low DO, and elevated nitrogen analytes. These are understood to be influenced by the low flow rates within the streams, and the catchments for our basin locations.

**Reservoir Results:** Reduced water levels and the developing algal cycle within the Tantangara and Talbingo water bodies are understood to heavily influence the observed analytical results. Notable concentrations of biological analytes, DO, EC and the nitrogen compounds observed at multiple locations are reflective of this.

**Discharge Results:** The analytical results reflect sample collection during the plant recirculation phase. Slight exceedances of nitrogen compounds and in-situ readings were noted. Note: No discharge occurred on the date the samples were collected. Although the samples were taken from the EPL designated EPL41, the commissioning of the INX-OUT location further downstream is understood to be a more representative location.

**Groundwater Results:** The results for downstream groundwater points have returned elevated results in Nitrogen, Nitrates, Phosphorus, and Ammonia that are greater than adopted WQO's. Multiple locations have reported concentrations of nitrogenous compounds across the Project footprint, particularly from locations within proximity to the emplacement area GF01. Locations such as EPL57 are returning elevated nitrates, Nitrogens, and phosphorus results were observed to be increasing. Heavy metals such as Arsenic and Copper (dissolved) were reported as greater than adopted WQO's at Main Yard locations particularly. It is noted the majority of heavy metal concentrations are within historic ranges for the historic mining locations. EPL87, EPL95, EPL105 reported elevated concentrations of dissolved zinc outside historic ranges.

**Leachate results:** The exceedances found within the leachate basin results are in line with intended design functionality for the storage locations of leachate water. GF01 leachate basin was under repair works by construction and therefore had no water available for collection.

Snowy Hydro Limited gives no warranty or representation regarding the data suitability for any particular purpose.

Snowy Hydro Limited excludes all liability to any person for loss or damage of any kind (however caused, including but not limited to by negligence) arising whether directly or indirectly from or relating in any way to the use of this data, whether in whole or in part.



Snowy Hydro 2.0 Main Works  
Monthly EPL Sampling: 01-30 April 2025 - Groundwater

| Analyte                       | Unit         | Limit of Reporting | Water Quality Objective Value*   |
|-------------------------------|--------------|--------------------|----------------------------------|
| Physiochemical                |              |                    |                                  |
| pH                            | pH Unit      | -                  | 6.5-8                            |
| Electrical Conductivity       | µS/cm        | -                  | 30-350                           |
| Oxidation Reduction Potential | mV           | -                  | No Water Quality Objective Value |
| Temperature                   | °C           | -                  | No Water Quality Objective Value |
| Dissolved Oxygen              | % saturation | -                  | No Water Quality Objective Value |
| Turbidity                     | NTU          | -                  | No Water Quality Objective Value |
| Laboratory analytes           |              |                    |                                  |
| TSS                           | mg/L         | 5                  | No Water Quality Objective Value |
| Hardness as CaCO3             | mg/L         | 1                  | No Water Quality Objective Value |
| Nutrients                     |              |                    |                                  |
| Ammonia as N                  | µg/L         | 10                 | 13                               |
| Nitrite + Nitrate as N (NOx)  | µg/L         | 10                 | 15                               |
| Nitrate Nitrogen Total        | µg/L         | 100                | No Water Quality Objective Value |
| Nitrogen (Total)              | µg/L         | 100                | 250                              |
| Reactive Phosphorus           | µg/L         | 1                  | 15                               |
| Phosphorus (Total)            | µg/L         | 10                 | 20                               |
| Inorganics                    |              |                    |                                  |
| Cyanide Total                 | µg/L         | 4                  | 4                                |
| Hydrocarbons                  |              |                    |                                  |
| Oil and Grease                | mg/L         | 1                  | 5                                |
| Metals                        |              |                    |                                  |
| Aluminium (total)             | µg/L         | 5                  | No Water Quality Objective Value |
| Aluminium (dissolved)         | µg/L         | 5                  | 27                               |
| Arsenic (total)               | µg/L         | 0.2                | No Water Quality Objective Value |
| Arsenic (dissolved)           | µg/L         | 0.2                | 0.8                              |
| Chromium (III-VI) (total)     | µg/L         | 0.2                | No Water Quality Objective Value |
| Chromium (III-VI) (dissolved) | µg/L         | 0.2                | 0.01                             |
| Copper (total)                | µg/L         | 0.5                | No Water Quality Objective Value |
| Copper (dissolved)            | µg/L         | 0.5                | 1                                |
| Iron (total)                  | µg/L         | 2                  | No Water Quality Objective Value |
| Iron (dissolved)              | µg/L         | 2                  | 300                              |
| Lead (total)                  | µg/L         | 0.1                | No Water Quality Objective Value |
| Lead (dissolved)              | µg/L         | 0.1                | 1                                |
| Manganese (total)             | µg/L         | 0.5                | No Water Quality Objective Value |
| Manganese (dissolved)         | µg/L         | 0.5                | 1,200                            |
| Nickel (total)                | µg/L         | 0.5                | No Water Quality Objective Value |
| Nickel (dissolved)            | µg/L         | 0.5                | 8                                |
| Silver (total)                | µg/L         | 0.01               | No Water Quality Objective Value |
| Silver (dissolved)            | µg/L         | 0.01               | 0.02                             |
| Zinc (total)                  | µg/L         | 1                  | No Water Quality Objective Value |
| Zinc (dissolved)              | µg/L         | 1                  | 2.4                              |

| EPL56      | EPL57      | EPL58      | EPL68     | EPL69     | EPL70     | EPL72      | EPL73<br>(decommissioned) | EPL80      | EPL81      | EPL82      | EPL83      | EPL87      | EPL88      | EPL89      | EPL 90     | EPL 91     | EPL92      | EPL93      | EPL94      | EPL95      | EPL96     | EPL97      | EPL102<br>(Decommissioned) | EPL103    | EPL104    | EPL105    | EPL113    | EPL114    | EPL115    | EPL116    | EPL117    |           |
|------------|------------|------------|-----------|-----------|-----------|------------|---------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|------------|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 14/04/2025 | 14/04/2025 | 14/04/2025 | 6/04/2025 | 6/04/2025 | 6/04/2025 | 13/04/2025 | -                         | 11/04/2025 | 11/04/2025 | 11/04/2025 | 11/04/2025 | 11/04/2025 | 11/04/2025 | 11/04/2025 | 14/04/2025 | 14/04/2025 | 14/04/2025 | 14/04/2025 | 14/04/2025 | 14/04/2025 | 9/04/2025 | 14/04/2025 | -                          | 6/04/2025 | 6/04/2025 | 6/04/2025 | 6/04/2025 | 4/04/2025 | 4/04/2025 | 4/04/2025 | 4/04/2025 | 4/04/2025 |
| 7.4        | 7.44       | 6.11       | 5.72      | 5.9       | 5.9       | 7.21       | -                         | 6.8        | 7.1        | 6.65       | 6.78       | 6.72       | 7.14       | 6.81       | 7.23       | 6.98       | 7.87       | 7.84       | 7.78       | 7.89       | 6.72      | 6.84       | -                          | 6.01      | 5.95      | 5.83      | 6.31      | 7.41      | 7.38      | 6.88      | 6.34      |           |
| 214        | 194        | 962        | 2         | 9         | 9         | 46         | -                         | 685        | 859        | 2190       | 815        | 651        | 788        | 302        | 62         | 218        | 134        | 207        | 151        | 821        | 291       | 363        | -                          | 13        | 14        | 130       | 168       | 397       | 363       | 178       | 149       |           |
| 186        | 264        | 134        | 288       | 289       | 289       | 105        | -                         | 41         | 167        | 50         | 32         | 152        | 215        | 145        | 130        | 108        | 142        | 114        | 12         | 94         | 216       | 113        | -                          | 296       | 296       | 310       | 154       | 27        | 36        | 128       | -         |           |
| 18.47      | 16.29      | 15.62      | 12.34     | 12.4      | 12.4      | 14.68      | -                         | 18.13      | 19.05      | 17.18      | 17.36      | 17.43      | 16.1       | 16.01      | 13.59      | 14.51      | 13.56      | 13.81      | 13.88      | 15         | 11.79     | 15.49      | -                          | 11.05     | 12.6      | 12.64     | 15.08     | 15.49     | 15.51     | 15.55     | 15.82     |           |
| 24.6       | 15.7       | 27.4       | 72.6      | 42.1      | 42.1      | 50.9       | -                         | 20.8       | 27.1       | 17.4       | 42.8       | 40.3       | 37.7       | 60.6       | 73.8       | 37.1       | 93.8       | 91         | 91         | 89.9       | 99.4      | 22.7       | -                          | 39.2      | 39.7      | 40        | 17.7      | 21.6      | 13.2      | 54.5      | 10.8      |           |
| 4.9        | 91.9       | 95.2       | 15.1      | 23.8      | 23.8      | 206        | -                         | 14.3       | 669        | 43.9       | 74.7       | 1000       | 18.7       | 14.8       | 100        | 11.2       | 930        | 895        | 107        | 151        | 869       | 1.3        | -                          | 8.6       | 11.7      | 168       | 437       | 20.4      | 220       | 1000      | 1000      |           |
| <5         | 79         | 68         | <5        | 17        | 18        | 88         | -                         | 14         | 2,030      | 71         | 54         | 11,700     | 46         | 223        | 71         | 10         | 593        | 2,190      | 193        | 134        | 510       | <5         | -                          | <5        | <5        | 43        | 42        | 9         | 222       | 6,400     | 32        |           |
| 95         | 112        | 372        | <1        | 9         | 26        | 13         | -                         | 372        | 460        | 1,240      | 143        | 200        | 154        | 64         | 20         | 126        | 36         | 104        | 72         | 346        | 126       | 140        | -                          | 2         | 9         | 50        | 48        | 190       | 177       | 71        | 43        |           |
| 20         | <10        | 30         | <10       | <10       | <10       | 10         | -                         | 60         | 60         | 100        | 30         | 420        | 40         | 70         | 10         | 40         | 10         | 30         | 20         | 140        | 420       | 20         | -                          | <10       | <10       | <10       | 10        | 70        | 30        | 30        | 20        |           |
| 90         | 1,230      | 63,800     | 760       | 140       | 890       | 40         | -                         | <10        | 30         | <10        | 10,100     | 8,110      | 8,260      | <10        | 340        | <10        | 30         | 20         | <10        | 49,700     | 9,150     | 70         | -                          | 850       | 230       | 5,700     | 20        | <10       | <10       | 40        | <10       |           |
| 100        | 100        | 2,700      | <100      | <100      | <500      | 100        | -                         | 200        | 600        | 200        | 300        | 2,000      | 600        | 100        | 100        | <100       | 200        | 500        | 100        | 2,600      | <100      | <100       | -                          | 100       | <100      | 500       | 400       | <100      | 100       | 1,600     | 300       |           |
| 200        | 1,300      | 66,500     | 800       | 100       | 900       | 100        | -                         | 200        | 600        | 200        | 10,400     | 10,100     | 8,900      | 100        | 400        | <100       | 200        | 500        | 100        | 52,300     | 9,200     | <100       | -                          | 1,000     | 200       | 6,200     | 400       | <100      | 100       | 1,600     | 300       |           |
| <1         | <1         | <1         | <1        | <1        | 20        | <1         | -                         | <1         | <1         | <1         | <1         | <1         | <1         | <1         | <1         | 20         | <1         | <1         | <1         | <1         | 20        | 20         | -                          | 1         | <1        | <1        | <1        | <1        | <1        | 10        | <1.0      |           |
| 50         | 50         | 190        | <10       | <10       | 130       | 150        | -                         | 220        | 300        | <10        | 20         | 540        | 80         | 10         | 60         | 70         | 280        | 1,020      | 100        | 180        | 460       | 70         | -                          | 20        | <10       | <10       | 80        | 20        | 60        | 1,770     | 1,650     |           |
| <4         | <4         | <4         | <4        | <4        | <4        | <4         | -                         | <4         | <4         | <4         | <4         | <4         | <4         | <4         | <4         | <4         | <4         | <4         | <4         | <4         | <4        | <4         | -                          | <4        | <4        | <4        | <4        | <4        | <4        | <4        | <4        |           |
| <1         | <1         | <1         | <1        | <1        | <1        | <1         | -                         | <1         | <1         | <1         | <1         | <1         | <1         | <1         | <1         | <1         | <1         | <1         | <1         | <1         | <1        | <1         | -                          | <1        | <1        | <1        | <1        | <1        | <1        | <1        | <1        |           |
| 94         | 743        | 516        | 315       | 976       | 1,110     | 764        | -                         | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -         | -          | -                          | -         | -         | -         | -         | -         | -         | -         | -         |           |
| <5         | <5         | <5         | <5        | <5        | <5        | 5          | -                         | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5        | <5         | -                          | <5        | <5        | <5        | 7         | <5        | <5        | <5        | <5        |           |
| <0.2       | 2.4        | 0.6        | <0.2      | 0.2       | <0.2      | -          | -                         | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -         | -          | -                          | -         | -         | -         | -         | -         | -         | -         | -         |           |
| <0.2       | 2.4        | <0.2       | <0.2      | <0.2      | <0.2      | <0.2       | -                         | 5.6        | 6.9        | 8.7        | 2.3        | 0.5        | 18.9       | 0.4        | <0.2       | 0.5        | <0.2       | 0.8        | 1.3        | 0.5        | 0.3       | 0.2        | -                          | <0.2      | <0.2      | <0.2      | 0.4       | 0.4       | 0.4       | 0.5       | 0.9       |           |
| 0.4        | 1.4        | 1.6        | 0.3       | 1.0       | 1.0       | -          | -                         | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -         | -          | -                          | -         | -         | -         | -         | -         | -         | -         | -         |           |
| <0.2       | <0.2       | <0.2       | <0.2      | <0.2      | <0.2      | <0.2       | -                         | <0.2       | <0.2       | 0.2        | <0.2       | <0.2       | <0.2       | <0.2       | <0.2       | <0.2       | <0.2       | <0.2       | <0.2       | <0.2       | 0.3       | <0.2       | -                          | <0.2      | <0.2      | 0.3       | <0.2      | <0.2      | <0.2      | <0.2      | <0.2      |           |
| 6.2        | 9.9        | 3.8        | 0.6       | 3.5       | 22.1      | -          | -                         | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -         | -          | -                          | -         | -         | -         | -         | -         | -         | -         | -         |           |
| 1.0        | 1.2        | 0.8        | <0.5      | <0.5      | 6.9       | 4.2        | -                         | <0.5       | 0.6        | <0.5       | 3.3        | 0.7        | <0.5       | 6.1        | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | 0.8        | <0.5      | <0.5       | -                          | 6.2       | <0.5      | <0.5      | 2.0       | <0.5      | <0.5      | <0.5      | <0.5      |           |
| 125        | 708        | 860        | 152       | 611       | 646       | -          | -                         | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -         | -          | -                          | -         | -         | -         | -         | -         | -         | -         | -         |           |
| <2         | <2         | <2         | <2        | 4         | <2        | <2         | -                         | <2         | <2         | 379        | <2         | <2         | 48         | <2         | <2         | 2          | <2         | <2         | <2         | <2         | 4         | <2         | -                          | <2        | <2        | <2        | 13        | 2         | <2        | <2        | 1,450     |           |
| 1.0        | 1.6        | 8.6        | 0.1       | 0.4       | 0.4       | -          | -                         | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -         | -          | -                          | -         | -         | -         | -         | -         | -         | -         | -         |           |
| <0.1       | <0.1       | 0.3        | <0.1      | <0.1      | <0.1      | <0.1       | -                         | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1      | <0.1       | -                          | <0.1      | <0.1      | <0.1      | 0.1       | <0.1      | <0.1      | <0.1      | <0.1      |           |
| 31.9       | 102        | 212        | 4.3       | 17.2      | 12.2      | -          | -                         | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -         | -          | -                          | -         | -         | -         | -         | -         | -         | -         | -         |           |
| 12.6       | 58.9       | 175        | 2.1       | 1.3       | 1.6       | 5.0        | -                         | 198        | 267        | 355        | 51.6       | 336        | 176        | 15.6       | 5.3        | 466        | 61.6       | 128        | 363        | 901        | 105       | 295        | -                          | <0.5      | 3.4       | 17.0      | 80.7      | 392       | 369       | 49.0      | 309       |           |
| 0.5        | 2.4        | 6.6        | 0.8       | 0.9       | <0.5      | -          | -                         | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -         | -          | -                          | -         | -         | -         | -         | -         | -         | -         | -         |           |
| <0.5       | <0.5       | 4.2        | <0.5      | <0.5      | <0.5      | 1.0        | -                         | 17.4       | 2.5        | 1.4        | 8.4        | 3.4        | 3.0        | 2.0        | 1.5        | <0.5       | 1.1        | 0.8        | 0.9        | 10.0       | 8.8       | 1.1        | -                          | <0.5      | <0.5      | 3.5       | <0.5      | 54.2      | <0.5      | 0.6       | 1.4       |           |
| <0.01      | <0.01      | 0.16       | <0.01     | <0.01     | <0.01     | <0.01      | -                         | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01     | <0.01      | -                          | <0.01     | <0.01     | <0.01     | <0.01     | <0.01     | <0.01     | <0.01     | <0.01     |           |
| <0.01      | <0.01      | <0.01      | <0.01     | <0.01     | <0.01     | <0.01      | -                         | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01     | <0.01      | -                          | <0.01     | <0.01     | <0.01     | <0.01     | <0.01     | <0.01     | <0.01     | <0.01     |           |
| 7          | 6          | 16         | 4         | 3         | 2         | -          | -                         | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -          | -         | -          | -                          | -         | -         | -         | -         | -         | -         | -         | -         |           |
| 1          | <1         | 7          | 2         | <1        | <1        | 4          | -                         | 1          | 3          | 2          | 2          | 111        | 1          | <1         | 7          | <1         | 6          | <1         | 4          | 23         | 10        | 17         | -                          | <1        | <1        | 21        | 2         | 3         | <1        | 3         | <1        |           |

\* Water Quality Objective values for groundwater refer to the default trigger values for physical and chemical stressors in south-east Australia (upland rivers) for the protection of 99% of aquatic species ANZECC / ARMCANZ (2000), they are not pollutant limits imposed by EPL 21266.  
- Sample not required at this location.



Snowy Hydro 2.0 Main Works  
Monthly EPL Sampling: 01-30 April 2025 - Talbingo and Tantangara Reservoir

| Analyte                                  | Unit         | Limit of Reporting | Water Quality Objective Value*   |
|------------------------------------------|--------------|--------------------|----------------------------------|
| Field                                    |              |                    |                                  |
| pH                                       | pH Unit      | -                  | 6.5-8                            |
| Electrical Conductivity                  | µS/cm        | -                  | 20-30                            |
| Oxidation Reduction Potential            | mV           | -                  | No Water Quality Objective Value |
| Temperature                              | °C           | -                  | No Water Quality Objective Value |
| Dissolved Oxygen                         | % saturation | -                  | 90-110                           |
| Turbidity                                | NTU          | -                  | 1-20                             |
| Laboratory analytes                      |              |                    |                                  |
| Total suspended solids                   | mg/L         | 5                  | No Water Quality Objective Value |
| Hardness as CaCO <sub>3</sub> (filtered) | mg/L         | 1                  | No Water Quality Objective Value |
| Nutrients                                |              |                    |                                  |
| Ammonia as N                             | µg/L         | 10                 | 10                               |
| Nitrite + Nitrate as N (NOx)             | µg/L         | 10                 | 10                               |
| Kjeldahl Nitrogen Total                  | µg/L         | 100                | No Water Quality Objective Value |
| Nitrogen (Total)                         | µg/L         | 100                | 350                              |
| Reactive Phosphorus                      | µg/L         | 1                  | 5                                |
| Phosphorus (Total)                       | µg/L         | 10                 | 10                               |
| Inorganics                               |              |                    |                                  |
| Cyanide Total                            | µg/L         | 4                  | 7                                |
| Hydrocarbons                             |              |                    |                                  |
| Oil and Grease                           | mg/L         | 1                  | 5                                |
| Metals                                   |              |                    |                                  |
| Aluminium (dissolved)                    | µg/L         | 5                  | 55                               |
| Arsenic (dissolved)                      | µg/L         | 0.2                | 13                               |
| Chromium (III+VI) (dissolved)            | µg/L         | 0.2                | 1                                |
| Copper (dissolved)                       | µg/L         | 0.5                | 14                               |
| Iron (dissolved)                         | µg/L         | 2                  | 300                              |
| Lead (dissolved)                         | µg/L         | 0.1                | 3.4                              |
| Manganese (dissolved)                    | µg/L         | 0.5                | 1,900                            |
| Nickel (dissolved)                       | µg/L         | 0.5                | 11                               |
| Silver (dissolved)                       | µg/L         | 0.01               | 0.05                             |
| Zinc (dissolved)                         | µg/L         | 1                  | 8                                |
| Biological                               |              |                    |                                  |
| Faecal Coliforms                         | CFU/100mL    | 1                  | 10/100^                          |
| Biochemical Oxygen Demand                | mg/L         | 2                  | 1/5^                             |

| EPL10      | EPL11      | EPL28      | EPL29      | EPL32      | EPL38      | EPL39     | EPL40      | EPL46      | EPL51      | EPL107     | EPL108     | EPL109     |
|------------|------------|------------|------------|------------|------------|-----------|------------|------------|------------|------------|------------|------------|
| 13/04/2025 | 13/04/2025 | 16/04/2025 | 15/04/2025 | 15/04/2025 | 12/04/2025 | 6/04/2025 | 12/04/2025 | 15/04/2025 | 16/04/2025 | 13/04/2025 | 13/04/2025 | 13/04/2025 |
| 7.35       | 7.35       | 8.93       | 7.82       | 8.13       | 8.59       | 7.2       | 7.72       | 7.74       | 7.87       | 7.24       | 7.29       | 7.9        |
| 47         | 41         | 13.9       | 27         | 27         | 27         | 2         | 32.5       | 28         | 27.5       | 38         | 33         | 35         |
| 193        | 190        | 110.1      | 134        | 110        | 113        | 259       | 143.5      | 165        | 144.7      | 183        | 175        | 145        |
| 18.32      | 18.42      | 15.3       | 14.65      | 14.7       | 14.9       | 11.75     | 16.2       | 13.84      | 16.6       | 17.75      | 17.4       | 17.27      |
| 87.2       | 91.2       | 89.7       | 60.1       | 101.6      | 89.1       | 65        | 101.3      | 93.6       | 91         | 85         | 89.2       | 85.7       |
| 5.1        | 9.5        | 6.85       | 0          | 3.3        | 57.9       | 6         | 3.28       | 8.2        | 10.96      | 0.5        | 11         | 15.9       |
| <5         | <5         | 17         | <5         | <5         | 18         | <5        | <5         | <5         | <5         | <5         | <5         | <5         |
| 22         | 19         | 9          | 9          | 9          | 9          | 7         | 9          | 9          | 9          | 10         | 10         | 10         |
| 30         | 30         | <10        | 10         | 10         | <10        | <10       | <10        | 20         | <10        | <10        | <10        | <10        |
| <10        | <10        | 10         | <10        | <10        | <10        | 80        | <10        | <10        | <10        | <10        | <10        | <10        |
| 100        | 100        | 1,200      | 500        | 300        | 800        | 100       | <100       | 300        | 400        | <100       | <100       | <100       |
| 100        | 100        | 1,200      | 500        | 300        | 800        | 200       | <100       | 300        | 400        | <100       | <100       | <100       |
| <1         | <1         | <1         | <1         | <1         | <1         | <1        | <1         | <1         | <1         | <1         | <1         | <1         |
| 30         | 20         | 70         | 30         | 30         | 40         | 150       | 20         | 20         | 50         | 20         | 20         | <10        |
| <4         | <4         | <4         | <4         | <4         | <4         | <4        | <4         | <4         | <4         | <4         | <4         | <4         |
| <1         | <1         | <1         | <1         | <1         | <1         | <1        | <1         | <1         | <1         | <1         | <1         | <1         |
| <5         | <5         | 15         | 9          | 9          | 9          | 12        | 13         | 8          | 9          | <5         | <5         | <5         |
| 0.4        | 0.4        | 0.3        | 0.3        | 0.4        | 0.4        | <0.2      | <0.2       | 0.4        | 0.4        | 0.4        | 0.4        | 0.3        |
| <0.2       | <0.2       | <0.2       | <0.2       | <0.2       | <0.2       | <0.2      | <0.2       | <0.2       | <0.2       | <0.2       | <0.2       | <0.2       |
| <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5      | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       |
| 6          | 4          | 72         | 55         | 56         | 52         | 77        | 58         | 61         | 58         | 4          | 4          | 4          |
| <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1      | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       |
| <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | 2.2       | 2.4        | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       |
| <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5      | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       |
| <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01     | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      |
| <1         | <1         | <1         | <1         | <1         | <1         | <1        | <1         | <1         | <1         | <1         | <1         | <1         |
| 28         | 21         | 100        | -          | -          | -          | -         | -          | -          | 1          | -          | -          | -          |
| 4          | 3          | 4          | -          | -          | -          | -         | -          | -          | 2          | -          | -          | -          |

\* Water Quality Objective values for Talbingo and Tantangara Reservoir refer to the default trigger values for physical and chemical stressors in south-east Australia (fresh lakes and reservoirs) for the protection of 95% of aquatic species ANZECC / ARMCANZ (2000), they are not pollutant limits imposed by EPL 21266.

\*\* Algal blooms can present as faecal coliforms

^ 90th percentile concentration limits / 100 percentile concentration limits

- Sample not required at this location.

Snowy Hydro 2.0 Main Works  
Monthly EPL Sampling: 01-30 April 2025 - Surface Water

| Analyte                       | Unit         | Limit of Reporting | Water Quality Objective Value*   |
|-------------------------------|--------------|--------------------|----------------------------------|
| Field                         |              |                    |                                  |
| pH                            | -            | -                  | 6.5-8                            |
| Electrical Conductivity       | µS/cm        | -                  | 30-350                           |
| Oxidation Reduction Potential | mV           | -                  | No Water Quality Objective Value |
| Temperature                   | °C           | -                  | No Water Quality Objective Value |
| Dissolved Oxygen              | % saturation | -                  | 90-110                           |
| Turbidity                     | NTU          | -                  | 2-25                             |
| Laboratory analyses           |              |                    |                                  |
| TSS                           | mg/L         | 5                  | No Water Quality Objective Value |
| Hardness as CaCO3             | mg/L         | 1                  | No Water Quality Objective Value |
| Nutrients                     |              |                    |                                  |
| Ammonia as N                  | µg/L         | 10                 | 13                               |
| Nitrite + Nitrate as N (NOx)  | µg/L         | 10                 | 15                               |
| Nitrate as N (NO3)            | µg/L         | 100                | No Water Quality Objective Value |
| Nitrogen (Total)              | µg/L         | 100                | 250                              |
| Reactive Phosphorus           | µg/L         | 1                  | 15                               |
| Phosphorus (Total)            | µg/L         | 10                 | 20                               |
| Inorganics                    |              |                    |                                  |
| Cyanide Total                 | µg/L         | 4                  | 4                                |
| Hydrocarbons                  |              |                    |                                  |
| Oil and Grease                | mg/L         | 1                  | 5                                |
| Metals                        |              |                    |                                  |
| Aluminium (total)             | µg/L         | 5                  | No Water Quality Objective Value |
| Aluminium (dissolved)         | µg/L         | 5                  | 27                               |
| Arsenic (total)               | µg/L         | 0.2                | No Water Quality Objective Value |
| Arsenic (dissolved)           | µg/L         | 0.2                | 0.8                              |
| Chromium (III+VI) (total)     | µg/L         | 0.2                | No Water Quality Objective Value |
| Chromium (III+VI) (dissolved) | µg/L         | 0.5                | 0.01                             |
| Copper (total)                | µg/L         | 0.5                | No Water Quality Objective Value |
| Copper (dissolved)            | µg/L         | 0.5                | 1                                |
| Iron (total)                  | µg/L         | 2                  | No Water Quality Objective Value |
| Iron (dissolved)              | µg/L         | 2                  | 300                              |
| Lead (total)                  | µg/L         | 0.1                | No Water Quality Objective Value |
| Lead (dissolved)              | µg/L         | 0.1                | 1                                |
| Manganese (total)             | µg/L         | 0.5                | No Water Quality Objective Value |
| Manganese (dissolved)         | µg/L         | 0.5                | 1,200                            |
| Nickel (total)                | µg/L         | 0.5                | No Water Quality Objective Value |
| Nickel (dissolved)            | µg/L         | 0.5                | 8                                |
| Silver (total)                | µg/L         | 0.01               | No Water Quality Objective Value |
| Silver (dissolved)            | µg/L         | 0.01               | 0.02                             |
| Zinc (total)                  | µg/L         | 1                  | No Water Quality Objective Value |
| Zinc (dissolved)              | µg/L         | 1                  | 2.4                              |

\* Water Quality Objective values for surface water refer to the default trigger values for physical and chemical stressors in south-east Australia (upland rivers) for the protection of 99% of aquatic species ANZECC / ARMCANZ (2018), they are not pollutant limits imposed by EPL 21266.

- Samples not required

| EPL5       | EPL6       | EPL8       | EPL9       | EPL12      | EPL14      | EPL15      | EPL16      | EPL24      | EPL26     | EPL27      | EPL30      | EPL31     | EPL33     | EPL34     | EPL35     | EPL36     | EPL37      | EPL52     | EPL53     | EPL54 | EPL55 | EPL67 | EPL71 | EPL84  | EPL85      | EPL86      | EPL98      | EPL99  | EPL100     | EPL101     | EPL106     | EPL110     | EPL118 | EPL120 | EPL122 |            |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|------------|------------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-------|-------|-------|-------|--------|------------|------------|------------|--------|------------|------------|------------|------------|--------|--------|--------|------------|
| 11/04/2025 | 11/04/2025 | 11/04/2025 | 11/04/2025 | 11/04/2025 | 11/04/2025 | 11/04/2025 | 11/04/2025 | 11/04/2025 | 9/04/2025 | 13/04/2025 | 13/04/2025 | 6/04/2025 | 6/04/2025 | 6/04/2025 | 6/04/2025 | 6/04/2025 | 22/04/2025 | 5/04/2025 | 9/04/2025 | Dry   | Dry   | Dry   | Dry   | Dry    | 29/04/2025 | 29/04/2025 | 11/04/2025 | Dry    | 13/04/2025 | 19/04/2025 | 13/04/2025 | 12/04/2025 | Dry    | Dry    | Dry    | 22/04/2025 |
| 8.14       | 8.09       | 8.18       | 8.18       | 8.18       | 8.2        | 8.17       | 8.34       | 6.83       | 8.23      | 8.09       | 7.66       | 7.53      | 7.51      | 7.87      | 7.69      | 6.76      | 7.45       | 8.71      | Dry       | Dry   | Dry   | Dry   | Dry   | 9.02   | 9.04       | 8.85       | Dry        | 9.5    | 8.74       | 7.17       | 8.85       | Dry        | Dry    | Dry    | 8.26   |            |
| 150        | 127        | 153        | 149        | 147        | 144        | 146        | 147        | 922        | 37        | 32         | 11         | 1         | 7         | 13        | 7         | 40        | 22         | 960       | Dry       | Dry   | Dry   | Dry   | Dry   | 937    | 679        | 871        | Dry        | 479    | 1050       | 1330       | 1660       | Dry        | Dry    | Dry    | 656    |            |
| 173        | 173        | 175        | 176        | 167        | 173        | 176        | 170        | 112        | 124       | 133        | 236        | 244       | 229       | 182       | 180       | 201       | 201        | 165       | Dry       | Dry   | Dry   | Dry   | Dry   | 94     | 113        | -15        | Dry        | 4      | 74         | 115        | 44         | Dry        | Dry    | Dry    | 135    |            |
| 12.21      | 12.56      | 16.69      | 15.83      | 12.36      | 13.31      | 13.84      | 15.63      | 14.29      | 10.46     | 9.27       | 8.13       | 7.87      | 14.11     | 9.3       | 7.54      | 11.89     | 12.21      | 13.56     | Dry       | Dry   | Dry   | Dry   | Dry   | 18.89  | 18.05      | 19.01      | Dry        | 17.66  | 16.25      | 18.34      | 17.44      | Dry        | Dry    | Dry    | 15.06  |            |
| 92.3       | 96.7       | 89.3       | 97.9       | 93.3       | 95.1       | 97.2       | 93.8       | 50.6       | 74.3      | 77.7       | 75         | 58.8      | 63.2      | 81        | 68.9      | 51.8      | 64.9       | 69.5      | Dry       | Dry   | Dry   | Dry   | Dry   | 89.8   | 72.6       | 90.2       | Dry        | 94.9   | 62.3       | 5.33       | 89.2       | Dry        | Dry    | Dry    | 59.3   |            |
| 3.83       | 0.59       | 0.86       | 0.69       | 0.4        | 1.11       | 0.3        | 0.3        | 18.6       | 16.4      | 14.2       | 6.3        | 3.6       | 30.8      | 9.4       | 3.6       | 15.2      | 23.5       | 73.2      | Dry       | Dry   | Dry   | Dry   | Dry   | 1000   | 1000       | 190        | Dry        | 26.6   | 167        | 41.3       | 17         | Dry        | Dry    | Dry    | 1000   |            |
| 6          | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5        | <5         | <5         | <5        | 6         | <5        | <5        | 16        | 29         | 34        | Dry       | Dry   | Dry   | Dry   | Dry   | 349    | 571        | 77         | Dry        | <5     | 60         | <5         | <5         | Dry        | Dry    | Dry    | 577    |            |
| 81         | 72         | 81         | 85         | 83         | 87         | 87         | -          | 282        | 18        | 14         | 13         | 9         | 9         | 16        | 16        | 13        | 17         | 285       | Dry       | Dry   | Dry   | Dry   | Dry   | 39     | 46         | 144        | Dry        | 170    | 276        | 303        | 460        | Dry        | Dry    | Dry    | 61     |            |
| 40         | <10        | 50         | 20         | 20         | 20         | 10         | 6          | <10        | 20        | 10         | <10        | <10       | 20        | 30        | <10       | 10        | 20         | 30        | Dry       | Dry   | Dry   | Dry   | Dry   | 50     | 60         | 20         | Dry        | 12,300 | 690        | 2,110      | 20         | Dry        | Dry    | Dry    | 20     |            |
| <10        | <10        | 120        | 80         | <10        | <10        | <10        | 2          | 39,100     | 10        | <10        | 10         | <10       | 60        | 20        | <10       | 60        | <10        | 32,600    | Dry       | Dry   | Dry   | Dry   | Dry   | 8,220  | 7,580      | 10,200     | Dry        | 33,400 | 37,800     | 38,000     | 10,300     | Dry        | Dry    | Dry    | 6,820  |            |
| 200        | 100        | 200        | 200        | 100        | 100        | 100        | 400        | 5,200      | <100      | <100       | <100       | <100      | 400       | 100       | 100       | 200       | 600        | 100       | Dry       | Dry   | Dry   | Dry   | Dry   | 3,800  | 1,700      | 2,500      | Dry        | 15,000 | 4,200      | 7,200      | 8,000      | Dry        | Dry    | Dry    | 2,500  |            |
| 200        | 100        | 300        | 300        | 100        | 100        | 100        | 400        | 44,300     | <100      | <100       | <100       | <100      | 500       | 100       | 100       | 300       | 600        | 32,700    | Dry       | Dry   | Dry   | Dry   | Dry   | 12,000 | 9,300      | 12,700     | Dry        | 48,400 | 42,000     | 45,200     | 18,300     | Dry        | Dry    | Dry    | 9,300  |            |
| <1         | <1         | <1         | <1         | <1         | <1         | <1         | 5          | <1         | <1        | <1         | <1         | <1        | <1        | <1        | <1        | <1        | <1         | <1        | Dry       | Dry   | Dry   | Dry   | Dry   | <10    | <10        | <10        | Dry        | <10    | <10        | <10        | <10        | Dry        | Dry    | Dry    | <10    |            |
| <10        | <10        | <10        | 30         | <10        | <10        | 20         | 9          | 20         | <10       | 30         | 10         | <10       | 20        | 10        | 20        | 20        | 40         | 60        | Dry       | Dry   | Dry   | Dry   | Dry   | 850    | 630        | 60         | Dry        | 20     | 100        | 30         | <10        | Dry        | Dry    | Dry    | 730    |            |
| <4         | <4         | <4         | <4         | <4         | <4         | <4         | <4         | <4         | <4        | <4         | <4         | <4        | <4        | <4        | <4        | <4        | <4         | <4        | Dry       | Dry   | Dry   | Dry   | Dry   | <4     | <4         | <4         | Dry        | 116    | <4         | 7          | <4         | Dry        | Dry    | Dry    |        |            |
| <1         | <1         | <1         | <1         | <1         | <1         | <1         | <1         | <1         | <1        | <1         | <1         | <1        | <1        | <1        | <1        | <1        | <1         | <1        | Dry       | Dry   | Dry   | Dry   | Dry   | <1     | <1         | <1         | Dry        | <1     | <1         | <1         | <1         | Dry        | Dry    | Dry    | <1     |            |
| -          | -          | -          | -          | -          | -          | -          | -          | -          | -         | -          | -          | -         | -         | -         | -         | -         | -          | 1,140     | -         | -     | -     | -     | -     | -      | -          | -          | -          | -      | -          | -          | -          | -          | -      | -      | -      |            |
| <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5        | <5         | 7          | 8         | 9         | 8         | 8         | 16        | 16         | 31        | Dry       | Dry   | Dry   | Dry   | Dry   | 11     | 9          | 8          | Dry        | 16     | 20         | 8          | 6          | Dry        | Dry    | Dry    | 6      |            |
| -          | -          | -          | -          | -          | -          | -          | -          | -          | -         | -          | -          | -         | -         | -         | -         | -         | -          | 4.7       | -         | -     | -     | -     | -     | -      | -          | -          | -          | -      | -          | -          | -          | -          | -      | -      |        |            |
| 0.7        | 0.3        | 0.7        | 0.7        | 0.7        | 0.6        | 0.6        | <1         | 1.1        | <0.2      | <0.2       | <0.2       | <0.2      | 0.4       | <0.2      | <0.2      | 0.3       | 4.4        | 4.4       | Dry       | Dry   | Dry   | Dry   | Dry   | 19.5   | 21.4       | 15.4       | Dry        | 1.3    | 1.9        | 2.3        | 2.5        | Dry        | Dry    | Dry    | 2.0    |            |
| -          | -          | -          | -          | -          | -          | -          | <1         | -          | -         | -          | -          | -         | -         | -         | -         | -         | -          | 5.1       | -         | -     | -     | -     | -     | -      | -          | -          | -          | -      | -          | -          | -          | -          | -      | -      |        |            |
| <0.2       | <0.2       | <0.2       | <0.2       | 0.2        | <0.2       | <0.2       | <1         | 1.6        | 0.3       | 0.2        | <0.2       | <0.2      | <0.2      | <0.2      | <0.2      | <0.2      | <0.2       | 2.3       | Dry       | Dry   | Dry   | Dry   | Dry   | 15.0   | 21.2       | 11.0       | Dry        | 14.1   | 7.2        | 13.6       | 1.6        | Dry        | Dry    | Dry    | 0.3    |            |
| -          | -          | -          | -          | -          | -          | -          | -          | -          | -         | -          | -          | -         | -         | -         | -         | -         | -          | 2.2       | -         | -     | -     | -     | -     | -      | -          | -          | -          | -      | -          | -          | -          | -          | -      | -      |        |            |
| <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <1         | 1.2        | <0.5      | <0.5       | <0.5       | <0.5      | <0.5      | <0.5      | <0.5      | <0.5      | <0.5       | 0.8       | Dry       | Dry   | Dry   | Dry   | Dry   | 6.2    | 2.0        | 2.0        | Dry        | 2.0    | 1.5        | 1.7        | <0.5       | Dry        | Dry    | Dry    | 1.0    |            |
| -          | -          | -          | -          | -          | -          | -          | -          | -          | -         | -          | -          | -         | -         | -         | -         | -         | -          | 1,410     | -         | -     | -     | -     | -     | -      | -          | -          | -          | -      | -          | -          | -          | -          | -      | -      |        |            |
| 48         | 21         | 7          | 9          | 3          | 4          | 6          | <50        | 8          | 14        | 9          | 33         | 25        | 83        | 118       | 134       | 211       | 136        | 3         | Dry       | Dry   | Dry   | Dry   | Dry   | 20     | 5          | <2         | Dry        | <2     | <2         | <2         | <2         | Dry        | Dry    | Dry    | 8      |            |
| -          | -          | -          | -          | -          | -          | -          | -          | -          | -         | -          | -          | -         | -         | -         | -         | -         | -          | 1.7       | -         | -     | -     | -     | -     | -      | -          | -          | -          | -      | -          | -          | -          | -          | -      | -      |        |            |
| <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <1         | 0.2        | <0.1      | <0.1       | <0.1       | <0.1      | <0.1      | <0.1      | <0.1      | <0.1      | <0.1       | <0.1      | Dry       | Dry   | Dry   | Dry   | Dry   | 0.5    | 0.1        | <0.1       | Dry        | <0.1   | <0.1       | <0.1       | <0.1       | Dry        | Dry    | Dry    | <0.1   |            |
| -          | -          | -          | -          | -          | -          | -          | -          | -          | -         | -          | -          | -         | -         | -         | -         | -         | -          | 34.2      | -         | -     | -     | -     | -     | -      | -          | -          | -          | -      | -          | -          | -          | -          | -      | -      |        |            |
| 3.2        | 3.8        | 1.3        | 3.4        | 0.6        | 0.6        | 1.4        | <5         | 238        | 3.3       | 1.0        | 4.4        | 2.1       | <0.5      | 6.7       | 9.3       | 36.2      | 4.1        | 1.7       | Dry       | Dry   | Dry   | Dry   | Dry   | 0.8    | <0.5       | <0.5       | Dry        | 2.1    | 42.0       | 116        | <0.5       | Dry        | Dry    | Dry    | 7.9    |            |
| -          | -          | -          | -          | -          | -          | -          | -          | -          | -         | -          | -          | -         | -         | -         | -         | -         | -          | 5.1       | -         | -     | -     | -     | -     | -      | -          | -          | -          | -      | -          | -          | -          | -          | -      | -      |        |            |
| <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <1         | 4.1        | <0.5      | <0.5       | <0.5       | <0.5      | <0.5      | <0.5      | <0.5      | <0.5      | <0.5       | 0.8       | Dry       | Dry   | Dry   | Dry   | Dry   | 1.8    | 0.8        | 0.8        | Dry        | 0.6    | 1.8        | 1.9        | 1.9        | Dry        | Dry    | Dry    | 1.1    |            |
| -          | -          | -          | -          | -          | -          | -          | -          | -          | -         | -          | -          | -         | -         | -         | -         | -         | -          | <0.01     | -         | -     | -     | -     | -     | -      | -          | -          | -          | -      | -          | -          | -          | -          | -      | -      |        |            |
| <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <5         | <0.01      | <0.01     | <0.01      | <0.01      | <0.01     | <0.01     | <0.01     | <0.01     | <0.01     | <0.01      | <0.01     | Dry       | Dry   | Dry   | Dry   | Dry   | <0.01  | <0.01      | <0.01      | Dry        | 0.02   | <0.01      | <0.01      | <0.01      | Dry        | Dry    | Dry    | <0.01  |            |
| -          | -          | -          | -          | -          | -          | -          | -          | -          | -         | -          | -          | -         | -         | -         | -         | -         | -          | 8         | -         | -     | -     | -     | -     | -      | -          | -          | -          | -      | -          | -          | -          | -          | -      | -      |        |            |
| <1         | <1         | <1         | <1         | <1         | <1         | <1         | <5         | 14         | <1        | <1         | <1         | <1        | <1        | <1        | <1        | <1        | <1         | <1        | Dry       | Dry   | Dry   | Dry   | Dry   | 1      | <1         | <1         | Dry        | <1     | <1         | <1         | <1         | Dry        | Dry    | Dry    | <1     |            |



Snowy Hydro 2.0 Main Works  
Monthly EPL Sampling: 01-30 April 2025 - Volumes

| Date       |
|------------|
| 1/04/2025  |
| 2/04/2025  |
| 3/04/2025  |
| 4/04/2025  |
| 5/04/2025  |
| 6/04/2025  |
| 7/04/2025  |
| 8/04/2025  |
| 9/04/2025  |
| 10/04/2025 |
| 11/04/2025 |
| 12/04/2025 |
| 13/04/2025 |
| 14/04/2025 |
| 15/04/2025 |
| 16/04/2025 |
| 17/04/2025 |
| 18/04/2025 |
| 19/04/2025 |
| 20/04/2025 |
| 21/04/2025 |
| 22/04/2025 |
| 23/04/2025 |
| 24/04/2025 |
| 25/04/2025 |
| 26/04/2025 |
| 27/04/2025 |
| 28/04/2025 |
| 29/04/2025 |
| 30/04/2025 |

| EPL 43 *                      | EPL 50 ^ |
|-------------------------------|----------|
| Discharge volume (Megalitres) |          |
| -                             | 0.12     |
| 0.52                          | 0.63     |
| 0.46                          | -        |
| 0.38                          | 0.82     |
| 0.28                          | -        |
| -                             | 0.74     |
| -                             | -        |
| -                             | 0.34     |
| -                             | 0.58     |
| -                             | -        |
| -                             | 0.44     |
| 0.17                          | 0.33     |
| -                             | 0.37     |
| -                             | 0.61     |
| 0.28                          | -        |
| -                             | 0.55     |
| -                             | 0.18     |
| -                             | -        |
| -                             | -        |
| -                             | -        |
| -                             | 0.07     |
| -                             | -        |
| 0.43                          | 0.14     |
| 0.56                          | -        |
| -                             | -        |
| 0.37                          | -        |
| -                             | -        |
| 0.46                          | -        |
| -                             | -        |

| EPL 44                        | EPL 45 | EPL 47 | EPL 48 | EPL 49 |
|-------------------------------|--------|--------|--------|--------|
| Discharge volume (Megalitres) |        |        |        |        |
| 0.21                          | 0.05   | 0.19   | 0.06   | 1.10   |
| 0.25                          | 0.06   | 0.23   | 0.08   | 0.95   |
| 0.22                          | 0.05   | 0.23   | 0.09   | 0.62   |
| 0.14                          | 0.07   | 0.28   | 0.10   | 0.60   |
| 0.04                          | 0.03   | 0.24   | 0.07   | 0.33   |
| 0.19                          | 0.06   | 0.21   | 0.10   | 0.72   |
| 0.30                          | 0.06   | 0.25   | 0.07   | 0.59   |
| 0.46                          | 0.06   | 0.22   | 0.09   | 0.76   |
| 0.48                          | 0.06   | 0.23   | 0.05   | 0.52   |
| 0.51                          | 0.08   | 0.17   | 0.09   | 0.71   |
| 0.25                          | 0.07   | 0.18   | 0.28   | 0.71   |
| 0.41                          | 0.05   | 0.30   | 0.08   | 0.48   |
| 0.27                          | 0.05   | 0.23   | 0.04   | 0.53   |
| 0.27                          | 0.05   | 0.39   | 0.03   | 0.66   |
| 0.59                          | 0.05   | 0.22   | 0.08   | 0.52   |
| 0.29                          | 0.04   | 0.20   | 0.25   | 0.46   |
| 0.16                          | 0.04   | 0.19   | 0.09   | 0.52   |
| 0.28                          | 0.06   | 0.18   | 0.05   | 0.56   |
| 0.28                          | 0.04   | 0.20   | 0.07   | 0.54   |
| 0.31                          | 0.05   | 0.19   | 0.09   | 0.64   |
| 0.36                          | 0.05   | 0.19   | 0.10   | 0.51   |
| 0.50                          | 0.06   | 0.20   | 0.06   | 0.35   |
| 0.41                          | 0.09   | 0.19   | 0.03   | 0.62   |
| 0.28                          | 0.06   | 0.20   | 0.02   | 0.33   |
| 0.19                          | 0.05   | 0.23   | 0.08   | 0.36   |
| 0.27                          | 0.05   | 0.21   | 0.08   | 0.29   |
| 0.47                          | 0.06   | 0.22   | 0.02   | 0.58   |
| 0.20                          | 0.06   | 0.26   | 0.05   | 0.54   |
| 0.49                          | 0.05   | 0.22   | 0.09   | 0.71   |
| 0.22                          | 0.04   | 0.21   | 0.07   | 0.60   |

- Water not discharged on this day
- Note: The EPL discharge volume limit for EPL 43 and 50 is 4.32 megalitres per day. Compliance with this criteria was met during the reporting month.
- \* The maximum flow rate capacity for Lobs Hole STP/PWTP during the reporting month was 8.45 L/s
- ^ The maximum flow rate capacity for Tantangara STP/PWTP during the reporting month was 11.34 L/s
- Water not discharged on this day

## Snowy Hydro 2.0 Main Works

### Monthly EPL Sampling: 01-30 April 2025 - Discharge Water

| Analyte                                   | Unit         | Limit of Reporting | Water Quality Objective Value*   |
|-------------------------------------------|--------------|--------------------|----------------------------------|
| <b>Flow Rate</b>                          |              |                    |                                  |
| Inflow <sup>#</sup>                       | ML/day       | -                  | -                                |
| Outflow <sup>#</sup>                      | ML/day       | -                  | 4.32 (EPL 43 / 50)               |
| <b>Field</b>                              |              |                    |                                  |
| pH                                        | pH Unit      | -                  | 6.5-8.5                          |
| Electrical Conductivity                   | µS/cm        | -                  | 700 (EPL 41) / 200 (EPL 50)      |
| Oxidation Reduction Potential             | mV           | -                  | No Water Quality Objective Value |
| Temperature                               | °C           | -                  | 15                               |
| Dissolved Oxygen                          | % saturation | -                  | No Water Quality Objective Value |
| Turbidity                                 | NTU          | -                  | <25                              |
| <b>Laboratory analytes</b>                |              |                    |                                  |
| Total suspended solids                    | mg/L         | 5                  | 5/10                             |
| Hardness as CaCO <sub>3</sub> (filtered)  | mg/L         | 1                  | No Water Quality Objective Value |
| <b>Nutrients</b>                          |              |                    |                                  |
| Ammonia as N                              | µg/L         | 10                 | 200/2000 <sup>^</sup>            |
| Nitrite + Nitrate as N (NO <sub>x</sub> ) | µg/L         | 10                 | 10                               |
| Kjeldahl Nitrogen Total                   | µg/L         | 100                | No Water Quality Objective Value |
| Nitrogen (Total)                          | µg/L         | 100                | 350/- <sup>^</sup>               |
| Reactive Phosphorus                       | µg/L         | 1                  | No Water Quality Objective Value |
| Phosphorus (Total)                        | µg/L         | 10                 | 100/300 <sup>^</sup>             |
| <b>Inorganics</b>                         |              |                    |                                  |
| Cyanide Total                             | µg/L         | 4                  | No Water Quality Objective Value |
| <b>Hydrocarbons</b>                       |              |                    |                                  |
| Oil and Grease                            | mg/L         | 1                  | 2/5 <sup>^</sup>                 |
| <b>Metals</b>                             |              |                    |                                  |
| Aluminium (dissolved)                     | µg/L         | 5                  | 55                               |
| Arsenic (dissolved)                       | µg/L         | 0.2                | 13                               |
| Chromium (III+VI) (dissolved)             | µg/L         | 0.2                | 1                                |
| Copper (dissolved)                        | µg/L         | 0.5                | 14                               |
| Iron (dissolved)                          | µg/L         | 2                  | 300                              |
| Lead (dissolved)                          | µg/L         | 0.1                | 3.4                              |
| Manganese (dissolved)                     | µg/L         | 0.5                | 1,900                            |
| Nickel (dissolved)                        | µg/L         | 0.5                | 11                               |
| Silver (dissolved)                        | µg/L         | 0.01               | 0.05                             |
| Zinc (dissolved)                          | µg/L         | 1                  | 8                                |
| <b>Biological</b>                         |              |                    |                                  |
| Faecal Coliforms                          | CFU/100mL    | 1                  | 10/100 <sup>^</sup>              |
| Biological Oxygen Demand                  | mg/L         | 2                  | 5                                |

| EPL 41            | EPL 43 | EPL 44 | EPL 45 | EPL 47 | EPL 48 | EPL 49 | EPL 50 |
|-------------------|--------|--------|--------|--------|--------|--------|--------|
| <b>23/04/2025</b> |        |        |        |        |        |        |        |
| -                 | 0.0000 | 0.3093 | 0.0545 | 0.2226 | 0.0815 | 0.5803 | -      |
| -                 | -      | -      | -      | -      | -      | -      | -      |
| 7.63              | -      | -      | -      | -      | -      | -      | 7.71   |
| 9.4               | -      | -      | -      | -      | -      | -      | 19.1   |
| 156               | -      | -      | -      | -      | -      | -      | 97.8   |
| 19.91             | -      | -      | -      | -      | -      | -      | 16.7   |
| 56                | -      | -      | -      | -      | -      | -      | 88.8   |
| 0.24              | -      | -      | -      | -      | -      | -      | 0.58   |
| <5                | -      | -      | -      | -      | -      | -      | <5     |
| <1                | -      | -      | -      | -      | -      | -      | <1     |
| 20                | -      | -      | -      | -      | -      | -      | <10    |
| 80                | -      | -      | -      | -      | -      | -      | 10     |
| <100              | -      | -      | -      | -      | -      | -      | <100   |
| <100              | -      | -      | -      | -      | -      | -      | <100   |
| <1                | -      | -      | -      | -      | -      | -      | <10    |
| <1                | -      | -      | -      | -      | -      | -      | 20     |
| <4                | -      | -      | -      | -      | -      | -      | <4     |
| <1.0              | -      | -      | -      | -      | -      | -      | <1.0   |
| <5                | -      | -      | -      | -      | -      | -      | <5     |
| <0.2              | -      | -      | -      | -      | -      | -      | <0.2   |
| <0.2              | -      | -      | -      | -      | -      | -      | <0.2   |
| <0.5              | -      | -      | -      | -      | -      | -      | 0.6    |
| <2                | -      | -      | -      | -      | -      | -      | <2     |
| <0.1              | -      | -      | -      | -      | -      | -      | <0.1   |
| <0.5              | -      | -      | -      | -      | -      | -      | <0.5   |
| <0.5              | -      | -      | -      | -      | -      | -      | <0.5   |
| <0.01             | -      | -      | -      | -      | -      | -      | <0.01  |
| <1                | -      | -      | -      | -      | -      | -      | 5      |
| <1                | -      | -      | -      | -      | -      | -      | <1     |
| <2                | -      | -      | -      | -      | -      | -      | <2     |

Note: Treated water was not being discharged at Talbingo Reservoir at the time of EPL sampling.

There is no 100th percentile limit for Nitrogen (Total).

\* Water Quality Objective values Treated Water reference the predicted values for physical and chemical stressors from the treatment plant as presented in the Main Works EIS.

- Samples not required

<sup>^</sup> 90 Percentile concentration limit/100 Percentile limit

<sup>#</sup> Inflows to STP and CWTP do not directly correspond to outflow at RO as much of the water is reused on site



Snowy Hydro 2.0 Main Works EPL Sampling: 01 - 31 May 2025



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environmental Protection Licence No:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 21266                                                                                                                                                                                                                                                                                                                                                                   |
| Licensee:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Snowy Hydro Limited                                                                                                                                                                                                                                                                                                                                                     |
| Licensee address:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PO Box 332, Cooma, NSW 2630                                                                                                                                                                                                                                                                                                                                             |
| Premises:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Snowy 2.0 Pumped Hydro Power Station Talbingo and Tantangara, Kosciuszko National Park and Rock Forest, Kosciuszko NSW 2642                                                                                                                                                                                                                                             |
| EPA Public Register:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21266&amp;id=21266&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21266&amp;id=21266&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a> |
| Monthly water sampling and analysis is performed as part of the Snowy 2.0 Approval Conditions, Environmental Protection Licence No 21266 - Variation 20 December 2024, and the approved Water Management Plan to ensure that works are not impacting on nearby receiving waters.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                         |
| A map showing the location of each of the EPL named sampling points is provided after the results tables.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                         |
| <p><b>Surface Water Results:</b></p> <p>Ammonia concentrations were slightly elevated in some EPL locations along Wallaces Creek, Yarrangobily River, and Murrumbidgee River. EPL24 is reported elevated nutrient and select heavy metal concentrations alongside elevated EC concentrations which have been recorded previous sampling rounds. These results are consistent with low flowing, shallow waterway that was observed at the time of sampling. There are exceedances noted from EPL122 where the concentrations of Nutrients, Electrical Conductivity, Phosphorus, and Ammonia are exceeding our WQO's and could be attributed to environmental conditions of shallow waterways and low flows, with lots of surrounding vegetation.</p> <p><b>Reservoir Results:</b></p> <p>Tantangara and Talbingo Reservoirs report consistent elevations in nitrogen in line with those data captures from previous monitoring events. Reduced water levels, consistent Nitrogen concentrations and the developing algal cycle within the Tantangara and Talbingo water bodies are understood to heavily influence the fluctuations in dissolved oxygen levels, such as those reported at EPL10, EPL29 and EPL39. EPL39 was captured during an extremely low water level time and is understood to be unrepresentative of the water quality at the time of monitoring. Elevated levels of Faecal coliforms, EC and Ammonia are potentially attributed to the fluctuations in water levels and the collection of samples from the waters.</p> <p><b>Discharge Results:</b> Results for the discharge locations met the adopted WQO's for the periods of discharge. The discharge from EPL50 on the 26th was registered in the early hours of the morning prior to results returning. FGJV is in the process of finalising the discharge procedure which returns monitoring back to the EPL license for greater clarity.</p> <p><b>Groundwater Results:</b> Results for groundwater bores surrounding Lickhole Gully have reported elevated concentrations of nutrients and select dissolved heavy metals. These heavy metals have been reported previously as being above adopted WQO's and are possibly influenced by the historic mining activities in the immediate vicinity. GF01 down gradient locations comprise similar characteristics. These elevations are not only seen in LHG PSE area but also in GF01 PSE down gradient locations. EPL1 which is sampled quarterly has returned elevated Electrical Conductivity, Ammonia, and Nutrient levels although this is not outside of data recorded from previous sample rounds.</p> <p><b>Leachate results:</b> The exceedances found within the leachate basin results are in line with intended design functionality for the storage of PSE generated leachate water. GF01 basin has previously been reconstructed and has not since had water in it to sample.</p> |                                                                                                                                                                                                                                                                                                                                                                         |

The publication of this pollution monitoring data is carried out in accordance with section 66 (6) of the Protection of the Environment Operations Act 1997 (NSW).  
Snowy Hydro Limited gives no warranty or representation regarding the data suitability for any particular purpose.  
Snowy Hydro Limited excludes all liability to any person for loss or damage of any kind (however caused, including but not limited to by negligence) arising whether directly or indirectly from or relating in any way to the use of this data, whether in whole or in part.

Monthly EPS Sampling: 01-31 May 2025 - Groundwater

\* Water Quality Objective values for groundwater refer to the default trigger values for physical and chemical stressors in south-east Australia (given the protection of 95% of aquatic species ANZECC / AARCMQ (2000), they are not polluted levels imposed by EPA 2024).

**Snowy Hydro 2.0 Main Works**  
**Monthly EPL Sampling: 01-31 May 2025 - Talbingo and Tantangara Reservoir**

| Analyte                                   | Unit         | Limit of Reporting | Water Quality Objective Value*   |
|-------------------------------------------|--------------|--------------------|----------------------------------|
| <b>Field</b>                              |              |                    |                                  |
| pH                                        | pH Unit      | -                  | 6.5-8                            |
| Electrical Conductivity                   | µS/cm        | -                  | 20-30                            |
| Oxidation Reduction Potential             | mV           | -                  | No Water Quality Objective Value |
| Temperature                               | °C           | -                  | No Water Quality Objective Value |
| Dissolved Oxygen                          | % saturation | -                  | 90-110                           |
| Turbidity                                 | NTU          | -                  | 1-20                             |
| <b>Laboratory analytes</b>                |              |                    |                                  |
| Total suspended solids                    | mg/L         | 5                  | No Water Quality Objective Value |
| Hardness as CaCO <sub>3</sub> (filtered)  | mg/L         | 1                  | No Water Quality Objective Value |
| <b>Nutrients</b>                          |              |                    |                                  |
| Ammonia as N                              | µg/L         | 10                 | 10                               |
| Nitrite + Nitrate as N (NO <sub>x</sub> ) | µg/L         | 10                 | 10                               |
| Kjeldahl Nitrogen Total                   | µg/L         | 100                | No Water Quality Objective Value |
| Nitrogen (Total)                          | µg/L         | 100                | 350                              |
| Reactive Phosphorus                       | µg/L         | 1                  | 5                                |
| Phosphorus (Total)                        | µg/L         | 10                 | 10                               |
| <b>Inorganics</b>                         |              |                    |                                  |
| Cyanide Total                             | µg/L         | 4                  | 7                                |
| <b>Hydrocarbons</b>                       |              |                    |                                  |
| Oil and Grease                            | mg/L         | 1                  | 5                                |
| <b>Metals</b>                             |              |                    |                                  |
| Aluminium (dissolved)                     | µg/L         | 5                  | 55                               |
| Arsenic (dissolved)                       | µg/L         | 0.2                | 13                               |
| Chromium (III+VI) (dissolved)             | µg/L         | 0.2                | 1                                |
| Copper (dissolved)                        | µg/L         | 0.5                | 14                               |
| Iron (dissolved)                          | µg/L         | 2                  | 300                              |
| Lead (dissolved)                          | µg/L         | 0.1                | 3.4                              |
| Manganese (dissolved)                     | µg/L         | 0.5                | 1,900                            |
| Nickel (dissolved)                        | µg/L         | 0.5                | 11                               |
| Silver (dissolved)                        | µg/L         | 0.01               | 0.05                             |
| Zinc (dissolved)                          | µg/L         | 1                  | 8                                |
| <b>Biological</b>                         |              |                    |                                  |
| Faecal Coliforms                          | CFU/100mL    | 1                  | 10/100 <sup>^</sup>              |
| Biochemical Oxygen Demand                 | mg/L         | 2                  | 1/5 <sup>^</sup>                 |

- \* Water Quality Objective values for Talbingo and Tantangara Reservoir refer to the default trigger values for physical and chemical stressors in south-east Australia (fresh lakes and reservoirs) for the protection of 95% of aquatic species ANZECC / ARMCANZ (2000), they are not pollutant limits imposed by EPL 21266.
- \*\* Algal blooms can present as faecal coliforms
- <sup>^</sup> 90th percentile concentration limits / 100 percentile concentration limits
- Sample not required at this location.

| EPL10     | EPL11     | EPL28      | EPL29      | EPL32      | EPL38      | EPL39      | EPL40      | EPL46      | EPL51      | EPL107     | EPL108     | EPL109     |
|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 4/05/2025 | 4/05/2025 | 25/05/2025 | 25/05/2025 | 25/05/2025 | 17/05/2025 | 17/05/2025 | 12/04/2025 | 15/04/2025 | 16/04/2025 | 13/04/2025 | 13/04/2025 | 13/04/2025 |
| 7.58      | 7.47      | 7.26       | 7.19       | 7.22       | 7.63       | 8.76       | 8.31       | 7.1        | 7.18       | 7.47       | 7.5        | 7.63       |
| 54        | 50        | 31         | 30         | 30         | 23         | 27         | 40.4       | 34         | 30         | 28         | 24         | 25         |
| 205       | 206       | 318        | 349        | 353        | 243        | 156        | 138.4      | 367        | 349        | 197        | 192        | 186        |
| 14.96     | 14.97     | 8.37       | 9          | 8.88       | 13.16      | 9.63       | 10.9       | 8.8        | 8.94       | 15.03      | 15.27      | 14.6       |
| 59.7      | 57        | 104.7      | 104.1      | 76.3       | 68.6       | 68.6       | 96.7       | 84.3       | 85.6       | 63.9       | 75.3       | 84.4       |
| 4.3       | 5.2       | 13.9       | 17.3       | 17.7       | 40.3       | 22.6       | 4.38       | 0.8        | 14.3       | 10.1       | 18         | 14.6       |
| 28        | 14        | 6          | <5         | <5         | 12         | 8          | <5         | <5         | <5         | 8          | <5         | <5         |
| 33        | 33        | 9          | 9          | 9          | 9          | 7          | 9          | 9          | 9          | 17         | 14         | 14         |
| 30        | 30        | 60         | 60         | 60         | <10        | <10        | 40         | 100        | 60         | 80         | 40         | 70         |
| 10        | 30        | 20         | 10         | 10         | 10         | 50         | <10        | 50         | 10         | 10         | 20         | <10        |
| 100       | 200       | 500        | 500        | 400        | 1,000      | <100       | <100       | 500        | 500        | 200        | 200        | 200        |
| 100       | 200       | 500        | 500        | 400        | 1,000      | <100       | <100       | 600        | 500        | 200        | 200        | 200        |
| <10       | <10       | <10        | <10        | <10        | <10        | <10        | <10        | <10        | <10        | <10        | <10        | <10        |
| <10       | 10        | 10         | 20         | <10        | 60         | 50         | <10        | 10         | 20         | 20         | <10        | <10        |
| <4        | <4        | <4         | <4         | <4         | <4         | <4         | <4         | <4         | <4         | <4         | <4         | <4         |
| <1.0      | <1.0      | <1.0       | <1.0       | <1.0       | <1.0       | <1.0       | <1.0       | <1.0       | <1.0       | <1.0       | <1.0       | <1.0       |
| <5        | <5        | 30         | 26         | 26         | 26         | 14         | 14         | 26         | 27         | <5         | <5         | <5         |
| 0.4       | 0.4       | 0.3        | 0.4        | 0.4        | 0.4        | <0.2       | <0.2       | 0.4        | 0.4        | 0.3        | 0.3        | 0.2        |
| <0.2      | <0.2      | <0.2       | <0.2       | <0.2       | <0.2       | <0.2       | <0.2       | 0.3        | <0.2       | <0.2       | <0.2       | <0.2       |
| <0.5      | <0.5      | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       |
| 5         | 5         | 96         | 96         | 97         | 107        | 53         | 47         | 92         | 95         | 3          | <2         | 2          |
| <0.1      | <0.1      | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       |
| <0.5      | <0.5      | 1.8        | 1.4        | 1.4        | 2.0        | 1.8        | 3.0        | 1.4        | 1.5        | <0.5       | <0.5       | <0.5       |
| <0.5      | <0.5      | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       |
| <0.01     | <0.01     | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      |
| <1        | <1        | <1         | <1         | <1         | 1          | <1         | <1         | <1         | <1         | <1         | <1         | <1         |
| 6         | 3         | 22         | -          | -          | -          | -          | -          | -          | 11         | -          | -          | -          |
| 3         | 4         | 8          | -          | -          | -          | -          | -          | -          | 6          | -          | -          | -          |

| EP1 | EP2 | EP3 | EP4 | EP5 | EP6 | EP7 | EP8 | EP9 | EP10 | EP11 | EP12 | EP13 | EP14 | EP15 | EP16 | EP17 | EP18 | EP19 | EP20 | EP21 | EP22 | EP23 | EP24 | EP25 | EP26 | EP27 | EP28 | EP29 | EP30 | EP31 | EP32 | EP33 | EP34 | EP35 | EP36 | EP37 | EP38 | EP39 | EP40 | EP41 | EP42 | EP43 | EP44 | EP45 | EP46 | EP47 | EP48 | EP49 | EP50 | EP51 | EP52 | EP53 | EP54 | EP55 | EP56 | EP57 | EP58 | EP59 | EP60 | EP61 | EP62 | EP63 | EP64 | EP65 | EP66 | EP67 | EP68 | EP69 | EP70 | EP71 | EP72 | EP73 | EP74 | EP75 | EP76 | EP77 | EP78 | EP79 | EP80 | EP81 | EP82 | EP83 | EP84 | EP85 | EP86 | EP87 | EP88 | EP89 | EP90 | EP91 | EP92 | EP93 | EP94 | EP95 | EP96 | EP97 | EP98 | EP99 | EP100 | EP101 | EP102 | EP103 | EP104 | EP105 | EP106 | EP107 | EP108 | EP109 | EP110 | EP111 | EP112 | EP113 | EP114 | EP115 | EP116 | EP117 | EP118 | EP119 | EP120 | EP121 | EP122 | EP123 | EP124 | EP125 | EP126 | EP127 | EP128 | EP129 | EP130 | EP131 | EP132 | EP133 | EP134 | EP135 | EP136 | EP137 | EP138 | EP139 | EP140 | EP141 | EP142 | EP143 | EP144 | EP145 | EP146 | EP147 | EP148 | EP149 | EP150 | EP151 | EP152 | EP153 | EP154 | EP155 | EP156 | EP157 | EP158 | EP159 | EP160 | EP161 | EP162 | EP163 | EP164 | EP165 | EP166 | EP167 | EP168 | EP169 | EP170 | EP171 | EP172 | EP173 | EP174 | EP175 | EP176 | EP177 | EP178 | EP179 | EP180 | EP181 | EP182 | EP183 | EP184 | EP185 | EP186 | EP187 | EP188 | EP189 | EP190 | EP191 | EP192 | EP193 | EP194 | EP195 | EP196 | EP197 | EP198 | EP199 | EP200 | EP201 | EP202 | EP203 | EP204 | EP205 | EP206 | EP207 | EP208 | EP209 | EP210 | EP211 | EP212 | EP213 | EP214 | EP215 | EP216 | EP217 | EP218 | EP219 | EP220 | EP221 | EP222 | EP223 | EP224 | EP225 | EP226 | EP227 | EP228 | EP229 | EP230 | EP231 | EP232 | EP233 | EP234 | EP235 | EP236 | EP237 | EP238 | EP239 | EP240 | EP241 | EP242 | EP243 | EP244 | EP245 | EP246 | EP247 | EP248 | EP249 | EP250 | EP251 | EP252 | EP253 | EP254 | EP255 | EP256 | EP257 | EP258 | EP259 | EP260 | EP261 | EP262 | EP263 | EP264 | EP265 | EP266 | EP267 | EP268 | EP269 | EP270 | EP271 | EP272 | EP273 | EP274 | EP275 | EP276 | EP277 | EP278 | EP279 | EP280 | EP281 | EP282 | EP283 | EP284 | EP285 | EP286 | EP287 | EP288 | EP289 | EP290 | EP291 | EP292 | EP293 | EP294 | EP295 | EP296 | EP297 | EP298 | EP299 | EP300 | EP301 | EP302 | EP303 | EP304 | EP305 | EP306 | EP307 | EP308 | EP309 | EP310 | EP311 | EP312 | EP313 | EP314 | EP315 | EP316 | EP317 | EP318 | EP319 | EP320 | EP321 | EP322 | EP323 | EP324 | EP325 | EP326 | EP327 | EP328 | EP329 | EP330 | EP331 | EP332 | EP333 | EP334 | EP335 | EP336 | EP337 | EP338 | EP339 | EP340 | EP341 | EP342 | EP343 | EP344 | EP345 | EP346 | EP347 | EP348 | EP349 | EP350 | EP351 | EP352 | EP353 | EP354 | EP355 | EP356 | EP357 | EP358 | EP359 | EP360 | EP361 | EP362 | EP363 | EP364 | EP365 | EP366 | EP367 | EP368 | EP369 | EP370 | EP371 | EP372 | EP373 | EP374 | EP375 | EP376 | EP377 | EP378 | EP379 | EP380 | EP381 | EP382 | EP383 | EP384 | EP385 | EP386 | EP387 | EP388 | EP389 | EP390 | EP391 | EP392 | EP393 | EP394 | EP395 | EP396 | EP397 | EP398 | EP399 | EP400 | EP401 | EP402 | EP403 | EP404 | EP405 | EP406 | EP407 | EP408 | EP409 | EP410 | EP411 | EP412 | EP413 | EP414 | EP415 | EP416 | EP417 | EP418 | EP419 | EP420 | EP421 | EP422 | EP423 | EP424 | EP425 | EP426 | EP427 | EP428 | EP429 | EP430 | EP431 | EP432 | EP433 | EP434 | EP435 | EP436 | EP437 | EP438 | EP439 | EP440 | EP441 | EP442 | EP443 | EP444 | EP445 | EP446 | EP447 | EP448 | EP449 | EP450 | EP451 | EP452 | EP453 | EP454 | EP455 | EP456 | EP457 | EP458 | EP459 | EP460 | EP461 | EP462 | EP463 | EP464 | EP465 | EP466 | EP467 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|

\* Water Quality Objective values for surface water refer to the default trigger values for physical and chemical stressors in south-east Australia (upland rivers) for the protection of 99% of aquatic species ANZECC / ARMCANZ (2018), they are not pollutant limits imposed by EPA 21266.

**Snowy Hydro 2.0 Main Works**  
**Monthly EPL Sampling: 01-31 May 2025 - Discharge Water**

| Analyte                                   | Unit         | Limit of Reporting | Water Quality Objective Value*   |
|-------------------------------------------|--------------|--------------------|----------------------------------|
| <b>Flow Rate</b>                          |              |                    |                                  |
| Inflow <sup>#</sup>                       | ML/day       | -                  | -                                |
| Outflow <sup>#</sup>                      | ML/day       | -                  | 4.32 (EPL 43 / 50)               |
| <b>Field</b>                              |              |                    |                                  |
| pH                                        | pH Unit      | -                  | 6.5-8.5                          |
| Electrical Conductivity                   | µS/cm        | -                  | 700 (EPL 41) / 200 (EPL 50)      |
| Oxidation Reduction Potential             | mV           | -                  | No Water Quality Objective Value |
| Temperature                               | °C           | -                  | 15                               |
| Dissolved Oxygen                          | % saturation | -                  | No Water Quality Objective Value |
| Turbidity                                 | NTU          | -                  | <25                              |
| <b>Laboratory analytes</b>                |              |                    |                                  |
| Total suspended solids                    | mg/L         | 5                  | 5/10                             |
| Hardness as CaCO <sub>3</sub> (filtered)  | mg/L         | 1                  | No Water Quality Objective Value |
| <b>Nutrients</b>                          |              |                    |                                  |
| Ammonia as N                              | µg/L         | 10                 | 200/2000 <sup>^</sup>            |
| Nitrite + Nitrate as N (NO <sub>x</sub> ) | µg/L         | 10                 | 10                               |
| Kjeldahl Nitrogen Total                   | µg/L         | 100                | No Water Quality Objective Value |
| Nitrogen (Total)                          | µg/L         | 100                | 350/- <sup>^</sup>               |
| Reactive Phosphorus                       | µg/L         | 1                  | No Water Quality Objective Value |
| Phosphorus (Total)                        | µg/L         | 10                 | 100/300 <sup>^</sup>             |
| <b>Inorganics</b>                         |              |                    |                                  |
| Cyanide Total                             | µg/L         | 4                  | No Water Quality Objective Value |
| <b>Hydrocarbons</b>                       |              |                    |                                  |
| Oil and Grease                            | mg/L         | 1                  | 2/5 <sup>^</sup>                 |
| <b>Metals</b>                             |              |                    |                                  |
| Aluminium (dissolved)                     | µg/L         | 5                  | 55                               |
| Arsenic (dissolved)                       | µg/L         | 0.2                | 13                               |
| Chromium (III+VI) (dissolved)             | µg/L         | 0.2                | 1                                |
| Copper (dissolved)                        | µg/L         | 0.5                | 14                               |
| Iron (dissolved)                          | µg/L         | 2                  | 300                              |
| Lead (dissolved)                          | µg/L         | 0.1                | 3.4                              |
| Manganese (dissolved)                     | µg/L         | 0.5                | 1,900                            |
| Nickel (dissolved)                        | µg/L         | 0.5                | 11                               |
| Silver (dissolved)                        | µg/L         | 0.01               | 0.05                             |
| Zinc (dissolved)                          | µg/L         | 1                  | 8                                |
| <b>Biological</b>                         |              |                    |                                  |
| Faecal Coliforms                          | CFU/100mL    | 1                  | 10/100 <sup>^</sup>              |
| Biological Oxygen Demand                  | mg/L         | 2                  | 5                                |

| EPL 41            | EPL 43 | EPL 44 | EPL 45 | EPL 47 | EPL 48 | EPL 49 | EPL 50           |
|-------------------|--------|--------|--------|--------|--------|--------|------------------|
| <b>25/05/2025</b> |        |        |        |        |        |        | <b>26/5/2025</b> |
| -                 | 0.0000 | 0.3576 | 0.0568 | 0.2285 | 2.6710 | 0.5803 | -                |
| -                 | -      | -      | -      | -      | -      | -      | -                |
| 8.01              | -      | -      | -      | -      | -      | -      | 7.58             |
| 16                | -      | -      | -      | -      | -      | -      | 46.18            |
| 147               | -      | -      | -      | -      | -      | -      | -                |
| 14.59             | -      | -      | -      | -      | -      | -      | 7.3              |
| 68.7              | -      | -      | -      | -      | -      | -      | -                |
| 18.9              | -      | -      | -      | -      | -      | -      | 0.39             |
| <5                | -      | -      | -      | -      | -      | -      | <5               |
| -                 | -      | -      | -      | -      | -      | -      | <1               |
| <10               | -      | -      | -      | -      | -      | -      | 50               |
| 50                | -      | -      | -      | -      | -      | -      | <10              |
| <100              | -      | -      | -      | -      | -      | -      | <100             |
| <100              | -      | -      | -      | -      | -      | -      | <100             |
| <10               | -      | -      | -      | -      | -      | -      | <10              |
| 10                | -      | -      | -      | -      | -      | -      | 20               |
| <4                | -      | -      | -      | -      | -      | -      | <4               |
| <1.0              | -      | -      | -      | -      | -      | -      | <1.0             |
| <5                | -      | -      | -      | -      | -      | -      | <5               |
| <0.2              | -      | -      | -      | -      | -      | -      | <0.2             |
| <0.2              | -      | -      | -      | -      | -      | -      | 1.5              |
| <0.5              | -      | -      | -      | -      | -      | -      | 1.3              |
| <2                | -      | -      | -      | -      | -      | -      | <2               |
| <0.1              | -      | -      | -      | -      | -      | -      | <0.1             |
| <0.5              | -      | -      | -      | -      | -      | -      | <0.5             |
| <0.5              | -      | -      | -      | -      | -      | -      | <0.5             |
| <0.01             | -      | -      | -      | -      | -      | -      | <0.01            |
| <1                | -      | -      | -      | -      | -      | -      | 2                |
| <1                | -      | -      | -      | -      | -      | -      | <1               |
| 5                 | -      | -      | -      | -      | -      | -      | 3                |

Note: Treated water was not being discharged at Talbingo Reservoir at the time of EPL sampling.

There is no 100th percentile limit for Nitrogen (Total).

\* Water Quality Objective values Treated Water reference the predicted values for physical and chemical stressors from the treatment plant as presented in the Main Works EIS.

- Samples not required

<sup>^</sup> 90 Percentile concentration limit/100 Percentile limit

<sup>#</sup> Inflows to STP and CWTP do not directly correspond to outflow at RO as much of the water is reused on site

**Snowy Hydro 2.0 Main Works**  
**Monthly EPL Sampling: 01-31 May 2025 - Volumes**

| Date       |
|------------|
| 1/05/2025  |
| 2/05/2025  |
| 3/05/2025  |
| 4/05/2025  |
| 5/05/2025  |
| 6/05/2025  |
| 7/05/2025  |
| 8/05/2025  |
| 9/05/2025  |
| 10/05/2025 |
| 11/05/2025 |
| 12/05/2025 |
| 13/05/2025 |
| 14/05/2025 |
| 15/05/2025 |
| 16/05/2025 |
| 17/05/2025 |
| 18/05/2025 |
| 19/05/2025 |
| 20/05/2025 |
| 21/05/2025 |
| 22/05/2025 |
| 23/05/2025 |
| 24/05/2025 |
| 25/05/2025 |
| 26/05/2025 |
| 27/05/2025 |
| 28/05/2025 |
| 29/05/2025 |
| 30/05/2025 |
| 31/05/2025 |

| EPL 43 *                      | EPL 50 ^ |
|-------------------------------|----------|
| Discharge volume (Megalitres) |          |
| 0.85                          | -        |
| 0.93                          | -        |
| -                             | -        |
| 1.07                          | -        |
| 0.68                          | -        |
| 0.70                          | -        |
| -                             | -        |
| 0.87                          | -        |
| -                             | -        |
| -                             | -        |
| -                             | -        |
| 1.60                          | -        |
| -                             | 0.14     |
| 0.86                          | 0.59     |
| -                             | -        |
| 0.32                          | 0.23     |
| -                             | 0.41     |
| -                             | 0.72     |
| -                             | 0.50     |
| -                             | -        |
| 0.51                          | -        |
| 0.59                          | 0.74     |
| -                             | 0.67     |
| 0.83                          | 0.89     |
| -                             | 0.45     |
| 1.04                          | 0.36     |
| 0.40                          | -        |
| -                             | -        |
| 0.54                          | -        |
| -                             | -        |
| -                             | -        |

| EPL 44                        | EPL 45 | EPL 47 | EPL 48 | EPL 49 |
|-------------------------------|--------|--------|--------|--------|
| Discharge volume (Megalitres) |        |        |        |        |
| 0.37                          | 0.05   | 0.22   | 0.07   | 1.10   |
| 0.30                          | 0.05   | 0.22   | 0.09   | 0.95   |
| 0.24                          | 0.05   | 0.22   | 0.08   | 0.62   |
| 0.45                          | 0.05   | 0.22   | 0.07   | 0.60   |
| 0.18                          | 0.03   | 0.18   | 0.10   | 0.33   |
| 0.60                          | 0.05   | 0.26   | 0.07   | 0.72   |
| 0.21                          | 0.05   | 0.17   | 0.08   | 0.59   |
| 0.26                          | 0.04   | 0.25   | 0.55   | 0.76   |
| 0.13                          | 0.05   | 0.25   | 0.11   | 0.52   |
| 0.44                          | 0.08   | 0.16   | -0.23  | 0.71   |
| 0.43                          | 0.05   | 0.21   | 0.08   | 0.71   |
| 0.39                          | 0.05   | 0.21   | 0.08   | 0.48   |
| 0.11                          | 0.04   | 0.23   | 0.07   | 0.53   |
| 0.74                          | 0.04   | 0.22   | -0.06  | 0.66   |
| 0.29                          | 0.05   | 0.26   | 77.78  | 0.52   |
| 0.50                          | 0.05   | 0.16   | 0.07   | 0.46   |
| 0.23                          | 0.04   | 0.24   | 0.07   | 0.52   |
| 0.32                          | 0.06   | 0.23   | -77.64 | 0.56   |
| 0.43                          | 0.08   | 0.27   | 77.79  | 0.54   |
| 0.29                          | 0.07   | 0.20   | 0.08   | 0.64   |
| 0.30                          | 0.03   | 0.09   | -77.86 | 0.51   |
| 0.24                          | 0.03   | 0.09   | 77.97  | 0.35   |
| 0.57                          | 0.21   | 0.52   | 0.88   | 0.62   |
| 0.44                          | 0.07   | 0.27   | -0.71  | 0.33   |
| 0.35                          | 0.05   | 0.22   | 0.12   | 0.36   |
| 0.46                          | 0.06   | 0.26   | 0.08   | 0.29   |
| 0.32                          | 0.04   | 0.21   | 0.10   | 0.58   |
| 0.25                          | 0.02   | 0.12   | -78.45 | 0.54   |
| 0.25                          | 0.02   | 0.12   | 78.63  | 0.71   |
| 0.28                          | 0.12   | 0.37   | 0.07   | 0.60   |
| 0.36                          | 0.05   | 0.20   |        |        |

- Water not discharged on this day

Note: The EPL discharge volume limit for EPL 43 and 50 is 4.32 megalitres per day. Compliance with this criteria was met during the reporting month.

\* The maximum flow rate capacity for Lobs Hole STP/PWTP during the reporting month was 8.45 L/s

^ The maximum flow rate capacity for Tantangara STP/PWTP during the reporting month was 11.34 L/s

-- Water not discharged on this day

Snowy Hydro 2.0 Main Works EPL Sampling: 01 - 30 June 2025

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environmental Protection Licence No:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 21266                                                                                                                                                                                                                                                                                                                                                                 |
| Licensee:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Snowy Hydro Limited                                                                                                                                                                                                                                                                                                                                                   |
| Licensee address:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PO Box 332, Cooma, NSW 2630                                                                                                                                                                                                                                                                                                                                           |
| Premises:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Snowy 2.0 Pumped Hydro Power Station Talbingo and Tantangara, Kosciuszko National Park and Rock Forest, Kosciuszko NSW 2642                                                                                                                                                                                                                                           |
| EPA Public Register:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21266&amp;id=21266&amp;option=licence&amp;searchrange=licence&amp;range=PEO%20licence&amp;prp=no&amp;status=Issued">https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21266&amp;id=21266&amp;option=licence&amp;searchrange=licence&amp;range=PEO%20licence&amp;prp=no&amp;status=Issued</a> |
| Monthly water sampling and analysis is performed as part of the Snowy 2.0 Approval Conditions, Environmental Protection Licence No 21266 - Variation 20 December 2024, and the approved Water Management Plan to ensure that works are not impacting on nearby receiving waters.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                       |
| A map showing the location of each of the EPL named sampling points is provided after the results tables.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                       |
| <p><b>Groundwater Results:</b></p> <p>Results for groundwater bores surrounding Lick Hole Gully have reported elevated concentrations of nutrients and select dissolved heavy metals. These heavy metals have been reported previously as being above adopted WQO's. Increasing levels of nutrients have been reported at EPL56 and EPL57, similar to results reported down gradient of GF01. This may indicate that these bores are no longer representative of up gradient water quality. Investigations are underway to redrill EPL56 and EPL57 in more suitable locations.</p> <p><b>Reservoir Results:</b></p> <p>Increases in nutrients (particularly ammonia) in Tantangara Reservoir observed this month (EPL28, 29, 32, 38, 40, 46, 51) are likely associated with decomposition of algal biomass generated during the summer months, exacerbated by low water levels. Detection of thermotolerant coliforms in in Talbingo Reservoir (51 CFU/100mL at EPL11) is within the 90th percentile concentration limits and likely attributable to wildlife.</p> <p><b>Surface Water Results:</b></p> <p>Exceedances in nutrients and conductivity have been reported at EPL24 and EPL122, consistent with previously recorded data. These sites have low flow and water level which contributes to the high concentrations. Increases in nutrients at EPL33 was also observed, consistent with increases in nutrients at the upstream locations in the Tantangara reservoir. As expected, exceedances were noted in leachate storage infrastructure.</p> <p><b>Discharge Results:</b></p> <p>Results for the discharge locations met the adopted WQO's for the periods of discharge. A minor exceedance in pH was detected on the day of testing (15/06/2025) at EPL41, with no recorded discharge occurring on this day.</p> |                                                                                                                                                                                                                                                                                                                                                                       |

The publication of this pollution monitoring data is carried out in accordance with section 66 (6) of the Protection of the Environment Operations Act 1997 (NSW).

Snowy Hydro Limited gives no warranty or representation regarding the data suitability for any particular purpose.

Snowy Hydro Limited excludes all liability to any person for loss or damage of any kind (however caused, including but not limited to by negligence) arising whether directly or indirectly from or relating in any way to the use of this data, whether in whole or in part.

Snowy Hydro 2.0 Main Works  
Monthly EPL Sampling: 01-30 June 2025 - Groundwater

| Analyte                       | Unit         | Limit of Reporting | Water Quality Objective Value*   |
|-------------------------------|--------------|--------------------|----------------------------------|
| Physicochemical               |              |                    |                                  |
| pH                            | pH Unit      | -                  | 6.5-8                            |
| Electrical Conductivity       | µS/cm        | -                  | 30-350                           |
| Oxidation Reduction Potential | mV           | -                  | No Water Quality Objective Value |
| Temperature                   | °C           | -                  | No Water Quality Objective Value |
| Dissolved Oxygen              | % saturation | -                  | No Water Quality Objective Value |
| Turbidity                     | NTU          | -                  | No Water Quality Objective Value |
| Laboratory analytes           |              |                    |                                  |
| TSS                           | mg/L         | 5                  | No Water Quality Objective Value |
| Hardness as CaCO3             | mg/L         | 1                  | No Water Quality Objective Value |
| Nutrients                     |              |                    |                                  |
| Ammonia as N                  | µg/L         | 10                 | 13                               |
| Nitrite + Nitrate as N (NOx)  | µg/L         | 10                 | 15                               |
| Kjeldahl Nitrogen Total       | µg/L         | 100                | No Water Quality Objective Value |
| Nitrogen (Total)              | µg/L         | 100                | 250                              |
| Reactive Phosphorus           | µg/L         | 1                  | 15                               |
| Phosphorus (Total)            | µg/L         | 10                 | 20                               |
| Inorganics                    |              |                    |                                  |
| Cyanide Total                 | µg/L         | 4                  | 4                                |
| Hydrocarbons                  |              |                    |                                  |
| Oil and Grease                | mg/L         | 1                  | 5                                |
| Metals                        |              |                    |                                  |
| Aluminium (total)             | µg/L         | 5                  | No Water Quality Objective Value |
| Aluminium (dissolved)         | µg/L         | 5                  | 27                               |
| Arsenic (total)               | µg/L         | 0.2                | No Water Quality Objective Value |
| Arsenic (dissolved)           | µg/L         | 0.2                | 0.8                              |
| Chromium (III+VI) (total)     | µg/L         | 0.2                | No Water Quality Objective Value |
| Chromium (III+VI) (dissolved) | µg/L         | 0.2                | 0.01                             |
| Copper (total)                | µg/L         | 0.5                | No Water Quality Objective Value |
| Copper (dissolved)            | µg/L         | 0.5                | -                                |
| Iron (total)                  | µg/L         | 2                  | No Water Quality Objective Value |
| Iron (dissolved)              | µg/L         | 2                  | 300                              |
| Lead (total)                  | µg/L         | 0.1                | No Water Quality Objective Value |
| Lead (dissolved)              | µg/L         | 0.1                | 1                                |
| Manganese (total)             | µg/L         | 0.5                | No Water Quality Objective Value |
| Manganese (dissolved)         | µg/L         | 0.5                | 1,200                            |
| Nickel (total)                | µg/L         | 0.5                | No Water Quality Objective Value |
| Nickel (dissolved)            | µg/L         | 0.5                | 3                                |
| Silver (total)                | µg/L         | 0.01               | -                                |
| Silver (dissolved)            | µg/L         | 0.01               | 0.02                             |
| Zinc (total)                  | µg/L         | 1                  | No Water Quality Objective Value |
| Zinc (dissolved)              | µg/L         | 1                  | 2.4                              |

| EPL56     | EPL57     | EPL58     | EPL68      | EPL69      | EPL70      | EPL72      | EPL73 (Decommissioned) | EPL80      | EPL81      | EPL82      | EPL83      | EPL87      | EPL88      | EPL89     | EPL 90    | EPL 91    | EPL92     | EPL93     | EPL94     | EPL95     | EPL96     | EPL97     | EPL102 (Decommissioned) | EPL103     | EPL104     | EPL105     | EPL113     | EPL114     | EPL115     | EPL116     | EPL117     |            |
|-----------|-----------|-----------|------------|------------|------------|------------|------------------------|------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 2/06/2025 | 2/06/2025 | 2/06/2025 | 14/06/2025 | 14/06/2025 | 14/06/2025 | 14/06/2025 | -                      | 21/06/2025 | 21/06/2025 | 21/06/2025 | 21/06/2025 | 21/06/2025 | 21/06/2025 | 8/06/2025 | 8/06/2025 | 2/06/2025 | 8/06/2025 | 8/06/2025 | 2/06/2025 | 2/06/2025 | 2/06/2025 | 2/06/2025 | -                       | 14/06/2025 | 14/06/2025 | 14/06/2025 | 14/06/2025 | 14/06/2025 | 14/06/2025 | 14/06/2025 | 14/06/2025 | 14/06/2025 |
| 7.86      | 8.13      | 5.99      | 7.68       | 7.15       | 7.45       | 6.73       | -                      | 8.01       | 8.02       | 7.71       | 8.24       | 8.08       | 8.14       | 8.27      | 5.96      | 6.76      | 6.66      | 7.08      | 6.85      | 5.96      | 7.01      | 6.7       | -                       | 11.28      | 12.37      | 11.81      | 7.71       | 11.33      | 9.89       | 10.63      | 11.49      |            |
| 163       | 168       | 684       | 21         | 50         | 95         | 54         | -                      | 709        | 784        | 2380       | 683        | 650        | 684        | 259       | 301       | 162       | 341       | 192       | 113       | 566       | 263       | 317       | -                       | 157        | 64         | 217        | 102        | 302        | 287        | 112        | 107        |            |
| 195       | 180       | 213       | 307        | 300        | 285        | 309        | -                      | 123        | 32         | 2          | 105        | 159        | 55         | 148       | 109       | 80        | 126       | 109       | 57        | 211       | 215       | 144       | -                       | 216        | 344        | 316        | 205        | 52         | 137        | 150        | 26         |            |
| 13.14     | 15.79     | 16.12     | 11.87      | 9.88       | 9.86       | 8.5        | -                      | 15.11      | 13.84      | 16.57      | 14.57      | 15.44      | 14.49      | 13.96     | 12.87     | 14.62     | 14.12     | 14.29     | 13.79     | 15.08     | 13.64     | 14.5      | -                       | 11.28      | 12.37      | 11.81      | 7.71       | 11.10      | 9.89       | 10.63      | 11.49      |            |
| 15.9      | 34.8      | 19.3      | 66         | 41.9       | 49.1       | 52.3       | -                      | 18.4       | 15         | 21.1       | 12.2       | 20         | 86.1       | 27.5      | 90.4      | 16        | 70.5      | 97.1      | 47.7      | 29.1      | 21.8      | 13.2      | -                       | 89.7       | 49.5       | 88.8       | 34.8       | 28.9       | 74.5       | 68.9       | 28.7       |            |
| 22.9      | 95.8      | 80.6      | 4.4        | 9          | 25.1       | 144        | -                      | 29.2       | 1000       | 43.8       | 44.5       | 177        | 0          | 305       | 599       | 21.1      | 365       | 97.1      | 120       | 70.1      | 1000      | 33.1      | -                       | 13.6       | 11.5       | 8.5        | 107        | 0          | 123        | 149        | 64         |            |
| <5        | 40        | <5        | <5         | <5         | 54         | 10         | -                      | 26         | 1,850      | 134        | 20         | 105        | 7          | 445       | 422       | 40        | 444       | 40        | 72        | 10        | 590       | 34        | -                       | <5         | <5         | <5         | 138        | 22         | 280        | 564        | 118        |            |
| 125       | 110       | 352       | <1         | 2          | 20         | 11         | -                      | 391        | 452        | 1,180      | 158        | 188        | 149        | 61        | 30        | 109       | 42        | 119       | 76        | 318       | 135       | 145       | -                       | <1         | 7          | 61         | 52         | 196        | 170        | 47         | 39         |            |
| 70        | <10       | 10        | 30         | 20         | 60         | 40         | -                      | 30         | 80         | 120        | 30         | <10        | 180        | 10        | 20        | 90        | 20        | 20        | 30        | 40        | <10       | <10       | -                       | <10        | <10        | 20         | 20         | 40         | <10        | <10        | 20         |            |
| 120       | 1,500     | 65,200    | 800        | 200        | 750        | 80         | -                      | <10        | <10        | 30         | 1,540      | 14,100     | <10        | 100       | 3,880     | 40        | 40        | 30        | <10       | 58,900    | 11,300    | 400       | -                       | 840        | 250        | <6,070     | 30         | <10        | 80         | 40         |            |            |
| 100       | 300       | 7,800     | <100       | <100       | 100        | 100        | -                      | 200        | 1,300      | 300        | 1,000      | 300        | 200        | <100      | 900       | 200       | 100       | 100       | 100       | 12,600    | <2,000    | 100       | -                       | <100       | <100       | 400        | 400        | 100        | 200        | 100        | 200        |            |
| 200       | 1,800     | 73,000    | 700        | 200        | 800        | 200        | -                      | 200        | 1,300      | 300        | 1,800      | 14,400     | 200        | 100       | 4,800     | 200       | 100       | 100       | 100       | 71,500    | 11,200    | 500       | -                       | 800        | 200        | 6,500      | 400        | 100        | 200        | 200        | 200        |            |
| <10       | <10       | <10       | <10        | <10        | 20         | 20         | -                      | <10        | <10        | <10        | 30         | 30         | 30         | <10       | <10       | <10       | <10       | <10       | <10       | <10       | <10       | <10       | -                       | 30         | <10        | <10        | <10        | <10        | <10        | <10        | <10        |            |
| 60        | 110       | 20        | 30         | 30         | 50         | 90         | -                      | 200        | 1,120      | 90         | 30         | 60         | 130        | 140       | 460       | 60        | 150       | 60        | 40        | 30        | <50       | 30        | -                       | 30         | <10        | 10         | 60         | 20         | 50         | 210        |            |            |
| <4        | <4        | <4        | <4         | <4         | <4         | <4         | -                      | <4         | <4         | <4         | <4         | <4         | <4         | <4        | <4        | <4        | <4        | <4        | <4        | <4        | <4        | <4        | <4                      | <4         | <4         | <4         | <4         | <4         | <4         | <4         | <4         |            |
| <1.0      | <1.0      | <1.0      | <1.0       | <1.0       | <1.0       | <1.0       | -                      | <1.0       | <1.0       | <1.0       | <1.0       | <1.0       | <1.0       | <1.0      | <1.0      | <1.0      | <1.0      | <1.0      | <1.0      | <1.0      | <1.0      | -         | <1.0                    | <1.0       | <1.0       | <1.0       | <1.0       | <1.0       | <1.0       | <1.0       | <1.0       |            |
| 40        | 1,020     | 5         | 229        | 499        | 2,230      | 153        | -                      | -          | -          | -          | -          | -          | -          | -         | -         | -         | -         | -         | -         | -         | -         | -         | -                       | -          | -          | -          | -          | -          | -          | -          | -          |            |
| <5        | <5        | <5        | <5         | <5         | <5         | 8          | -                      | <5         | <5         | <5         | <5         | <5         | <5         | <5        | 26        | <5        | <5        | <5        | <5        | <5        | <5        | <5        | -                       | <5         | <5         | 10         | 13         | <5         | <5         | <5         | <5         |            |
| <0.2      | 1.4       | <0.2      | <0.2       | <0.2       | 0.3        | -          | -                      | -          | -          | -          | -          | -          | -          | -         | -         | -         | -         | -         | -         | -         | -         | -         | -                       | -          | -          | -          | -          | -          | -          | -          | -          |            |
| <0.2      | 2.9       | <0.2      | <0.2       | <0.2       | <0.2       | <0.2       | -                      | 0.7        | 6.2        | 11.6       | 1.5        | <0.2       | 7.1        | 0.2       | 0.2       | 1.0       | 0.4       | 1.3       | 1.0       | 1.3       | <0.2      | <0.2      | -                       | <0.2       | <0.2       | 0.3        | 0.4        | 0.4        | 0.5        | 1.1        |            |            |
| <0.2      | 2.8       | 0.6       | 0.3        | 0.6        | 1.3        | -          | -                      | -          | -          | -          | -          | -          | -          | -         | -         | -         | -         | -         | -         | -         | -         | -         | -                       | -          | -          | -          | -          | -          | -          | -          | -          |            |
| <0.2      | <0.2      | 0.3       | <0.2       | <0.2       | <0.2       | <0.2       | -                      | <0.2       | <0.2       | <0.2       | 0.3        | 0.5        | 0.2        | <0.2      | 0.3       | <0.2      | <0.2      | <0.2      | <0.2      | <0.2      | 0.5       | <0.2      | -                       | <0.2       | 0.2        | 0.3        | <0.2       | <0.2       | <0.2       | 0.2        | <0.2       |            |
| 2.8       | 22.2      | 26.7      | 0.5        | 2.0        | 33.9       | -          | -                      | -          | -          | -          | -          | -          | -          | -         | -         | -         | -         | -         | -         | -         | -         | -         | -                       | -          | -          | -          | -          | -          | -          | -          | -          |            |
| <0.5      | 0.6       | 7.0       | <0.5       | 1.1        | 15.2       | 2.2        | -                      | 0.6        | 3.8        | <0.5       | 42.4       | 3.4        | 0.8        | 8.2       | 13.1      | <0.5      | <0.5      | <0.5      | <0.5      | 36.9      | <0.5      | <0.5      | -                       | 7.7        | 1.3        | 4.0        | 91.3       | <0.5       | <0.5       | 81.8       | <0.5       |            |
| 66        | 1,210     | 5         | 108        | 276        | 1,260      | -          | -                      | -          | -          | -          | -          | -          | -          | -         | -         | -         | -         | -         | -         | -         | -         | -         | -                       | -          | -          | -          | -          | -          | -          | -          | -          |            |
| <2        | <2        | <2        | <2         | 2          | <2         | <2         | -                      | <2         | 2          | 1,790      | 8          | <2         | 2          | 3         | 69        | 296       | <2        | <2        | <2        | <2        | <2        | 2         | -                       | <2         | 2          | <2         | 22         | 8          | <2         | <2         | 2,280      |            |
| 0.2       | 2.7       | 1.5       | <0.1       | 0.2        | 0.9        | -          | -                      | -          | -          | -          | -          | -          | -          | -         | -         | -         | -         | -         | -         | -         | -         | -         | -                       | -          | -          | -          | -          | -          | -          | -          | -          |            |
| <0.1      | <0.1      | 0.3       | <0.1       | <0.1       | <0.1       | <0.1       | -                      | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1      | 0.1       | <0.1      | 0.4       | <0.1      | <0.1      | 0.1       | <0.1      | <0.1      | -                       | <0.1       | <0.1       | <0.1       | 0.2        | <0.1       | <0.1       | <0.1       | <0.1       |            |
| 19.1      | 174       | 8.6       | 3.4        | 7.5        | 27.6       | -          | -                      | -          | -          | -          | -          | -          | -          | -         | -         | -         | -         | -         | -         | -         | -         | -         | -                       | -          | -          | -          | -          | -          | -          | -          | -          |            |
| 12.5      | 70.7      | 8.3       | 2.6        | 0.8        | 2.2        | 5.4        | -                      | 213        | 355        | 444        | 55.7       | 49.9       | 232        | 53.8      | 30.1      | 407       | 78.4      | 18.0      | 283       | 250       | 28.5      | 427       | -                       | 0.9        | 3.9        | 46.6       | 82.6       | 309        | 326        | 68.0       | 410        |            |
| <0.5      | 4.2       | 4.7       | 0.5        | <0.5       | 0.8        | -          | -                      | -          | -          | -          | -          | -          | -          | -         | -         | -         | -         | -         | -         | -         | -         | -         | -                       | -          | -          | -          | -          | -          | -          | -          | -          |            |
| <0.5      | <0.5      | 1.5       | <0.5       | <0.5       | <0.5       | 1.5        | -                      | 21.3       | 1.6        | 0.5        | 21.2       | 20.3       | 3.4        | 1.8       | 8.8       | 0.8       | 2.2       | <0.5      | 0.8       | 13.2      | 1.7       | 2.3       | -                       | <0.5       | <0.5       | 7.4        | 1.2        | 3.6        | 0.5        | 3.7        | 3.5        |            |
| <0.01     | <0.01     | <0.01     | <0.01      | <0.01      | <0.01      | <0.01      | -                      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01     | <0.01     | <0.01     | <0.01     | <0.01     | <0.01     | <0.01     | <0.01     | <0.01     | -                       | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      |            |
| <0.01     | <0.01     | <0.01     | <0.01      | <0.01      | <0.01      | <0.01      | -                      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01     | <0.01     | <0.01     | <0.01     | <0.01     | <0.01     | <0.01     | <0.01     | <0.01     | -                       | <0.01      | <0.01      | 0.02       | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      |            |
| 6         | 10        | 11        | 3          | 2          | 6          | 11         | -                      | 9          | 3          | 2          | 6          | 2          | 4          | 2         | 24        | 1         | 14        | 1         | 4         | 52        | 1         | 42        | -                       | <1         | <1         | 28         | 4          | <1         | <1         | 4          | <1         |            |

\* Water Quality Objective values for groundwater refer to the default trigger values for physical and chemical stressors in south-east Australia (upland rivers) for the protection of 99% of aquatic species ANZECC / ARMCANZ (2000), they are not pollutant limits imposed by EPL 211266.

- Sample not required at this location.

## Snowy Hydro 2.0 Main Works

### Monthly EPL Sampling: 01-30 June 2025 - Talbingo and Tantangara Reservoir

| Analyte                                   | Unit         | Limit of Reporting | Water Quality Objective Value*   |
|-------------------------------------------|--------------|--------------------|----------------------------------|
| Field                                     |              |                    |                                  |
| pH                                        | pH Unit      | -                  | 6.5-8                            |
| Electrical Conductivity                   | µS/cm        | -                  | 20-30                            |
| Oxidation Reduction Potential             | mV           | -                  | No Water Quality Objective Value |
| Temperature                               | °C           | -                  | No Water Quality Objective Value |
| Dissolved Oxygen                          | % saturation | -                  | 90-110                           |
| Turbidity                                 | NTU          | -                  | 1-20                             |
| Laboratory analytes                       |              |                    |                                  |
| Total suspended solids                    | mg/L         | 5                  | No Water Quality Objective Value |
| Hardness as CaCO <sub>3</sub>             | mg/L         | 1                  | No Water Quality Objective Value |
| Nutrients                                 |              |                    |                                  |
| Ammonia as N                              | µg/L         | 10                 | 10                               |
| Nitrite + Nitrate as N (NO <sub>x</sub> ) | µg/L         | 10                 | 10                               |
| Kjeldahl Nitrogen Total                   | µg/L         | 100                | No Water Quality Objective Value |
| Nitrogen (Total)                          | µg/L         | 100                | 350                              |
| Reactive Phosphorus                       | µg/L         | 1                  | 5                                |
| Phosphorus (Total)                        | µg/L         | 10                 | 10                               |
| Inorganics                                |              |                    |                                  |
| Cyanide Total                             | µg/L         | 4                  | 7                                |
| Hydrocarbons                              |              |                    |                                  |
| Oil and Grease                            | mg/L         | 1                  | 5                                |
| Metals                                    |              |                    |                                  |
| Aluminium (dissolved)                     | µg/L         | 5                  | 55                               |
| Arsenic (dissolved)                       | µg/L         | 0.2                | 13                               |
| Chromium (III+VI) (dissolved)             | µg/L         | 0.2                | 1                                |
| Copper (dissolved)                        | µg/L         | 0.5                | 14                               |
| Iron (dissolved)                          | µg/L         | 2                  | 300                              |
| Lead (dissolved)                          | µg/L         | 0.1                | 3.4                              |
| Manganese (dissolved)                     | µg/L         | 0.5                | 1,900                            |
| Nickel (dissolved)                        | µg/L         | 0.5                | 11                               |
| Silver (dissolved)                        | µg/L         | 0.01               | 0.05                             |
| Zinc (dissolved)                          | µg/L         | 1                  | 8                                |
| Biological                                |              |                    |                                  |
| Faecal Coliforms                          | CFU/100mL    | 1                  | 10/100^                          |
| Biochemical Oxygen Demand                 | mg/L         | 2                  | 1/5^                             |

\* Water Quality Objective values for Talbingo and Tantangara Reservoir refer to the default trigger values for physical and chemical stressors in south-east Australia (fresh lakes and reservoirs) for the protection of 95% of aquatic species ANZECC / ARMCANZ (2000), they are not pollutant limits imposed by EPL 21266.

\*\* Algal blooms can present as faecal coliforms

^ 90th percentile concentration limits / 100 percentile concentration limits

- Sample not required at this location.

| EPL10      | EPL11      | EPL28      | EPL29      | EPL32      | EPL38      | EPL39      | EPL40      | EPL46      | EPL51      | EPL107     | EPL108     | EPL109     |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 22/06/2025 | 22/06/2025 | 29/06/2025 | 29/06/2025 | 29/06/2025 | 14/06/2025 | 14/06/2025 | 29/06/2025 | 29/06/2025 | 29/06/2025 | 22/06/2025 | 22/06/2025 | 22/06/2025 |
| 7.98       | 7.97       | 7.62       | 8.02       | 7.87       | 7.66       | 7.61       | 7.37       | 7.2        | 8.46       | 7.95       | 7.96       | 8.05       |
| 39         | 36         | 27         | 37         | 35         | 33         | 20         | 26         | 31         | 62         | 33         | 29         | 31         |
| 284        | 285        | 171        | 131        | 142        | 240        | 266        | 182        | 203        | 109        | 281        | 273        | 255        |
| 8.22       | 8.66       | 3.37       | 5.55       | 4.96       | 6.41       | 6.96       | 3.14       | 3.8        | 6.58       | 9.13       | 9.17       | 9.36       |
| 73         | 95.7       | 79         | 68.3       | 65.9       | 72.8       | 81.3       | 73         | 89.2       | 71.3       | 98.6       | 99.9       | 104.3      |
| 2.9        | 3.8        | 1.8        | 0          | 0          | 5.1        | 5.1        | 2.1        | 1.9        | 0.5        | 3.4        | 2.8        | 3.2        |
| <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5         |
| 14         | 14         | 5          | 5          | 5          | 2          | <1         | 5          | 9          | 9          | 12         | 12         | 12         |
| 80         | 10         | 70         | 160        | 150        | 170        | <10        | 70         | 170        | 310        | 30         | 10         | 50         |
| 30         | 20         | 60         | 60         | 40         | 30         | 50         | 70         | 40         | 40         | 30         | 20         | 30         |
| 200        | 200        | 500        | 700        | 1,000      | 500        | 100        | 400        | 600        | 700        | 200        | 100        | 300        |
| 200        | 200        | 600        | 800        | 1,000      | 500        | 200        | 500        | 600        | 700        | 200        | 100        | 300        |
| <10        | <10        | <10        | <10        | <10        | <10        | <10        | <10        | <10        | <10        | <10        | <10        | <10        |
| 20         | 40         | <10        | <10        | 10         | 20         | <10        | 10         | 40         | 30         | <10        | <10        | <10        |
| <4         | <4         | <4         | <4         | <4         | <4         | <4         | <4         | <4         | <4         | <4         | <4         | <4         |
| <1.0       | <1.0       | <1.0       | <1.0       | <1.0       | <1.0       | <1.0       | <1.0       | <1.0       | <1.0       | <1.0       | <1.0       | <1.0       |
| <5         | <5         | 47         | 39         | 38         | 39         | 32         | 54         | 36         | 38         | <5         | <5         | <5         |
| 0.3        | 0.3        | <0.2       | 0.3        | 0.3        | 0.4        | <0.2       | <0.2       | 0.4        | 0.4        | 0.2        | 0.2        | 0.2        |
| <0.2       | <0.2       | 0.2        | <0.2       | 0.3        | <0.2       | <0.2       | <0.2       | 0.2        | 0.2        | <0.2       | <0.2       | <0.2       |
| <0.5       | <0.5       | 0.9        | 0.6        | 1.0        | <0.5       | <0.5       | 0.8        | 0.6        | 0.8        | <0.5       | <0.5       | <0.5       |
| 14         | 11         | 93         | 112        | 119        | 115        | 52         | 96         | 111        | 114        | 10         | 10         | 5          |
| <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | 0.1        | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       |
| 3.3        | 1.0        | 13.6       | 19.1       | 20.1       | 12.1       | 3.8        | 13.2       | 20.4       | 20.4       | 0.7        | 0.7        | <0.5       |
| <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       |
| <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      |
| <1         | <1         | <1         | <1         | <1         | <1         | <1         | <1         | <1         | <1         | <1         | <1         | <1         |
| 1          | 51**       | 4          | -          | -          | -          | -          | -          | -          | <1         | -          | -          | -          |
| 2          | <2         | <2         | -          | -          | -          | -          | -          | -          | <2         | -          | -          | -          |

Snowy Hydro 2.0 Main Works  
Monthly EPL Sampling: 01-30 June 2025 - Surface Water

| Analyte                       | Unit         | Limit of Reporting | Water Quality Objective Value*   |
|-------------------------------|--------------|--------------------|----------------------------------|
| pH                            | -            | -                  | 6.5-8                            |
| Electrical Conductivity       | µS/cm        | -                  | 30-350                           |
| Oxidation Reduction Potential | mV           | -                  | No Water Quality Objective Value |
| Temperature                   | °C           | -                  | No Water Quality Objective Value |
| Dissolved Oxygen              | % saturation | -                  | 90-110                           |
| Turbidity                     | NTU          | -                  | 2-25                             |
| Laboratory analytes           |              |                    |                                  |
| TSS                           | mg/L         | 5                  | No Water Quality Objective Value |
| Hardness as CaCO3             | mg/L         | 1                  | No Water Quality Objective Value |
| Nutrients                     |              |                    |                                  |
| Ammonia as N                  | µg/L         | 10                 | 13                               |
| Nitrite + Nitrate as N (NOx)  | µg/L         | 10                 | 15                               |
| Nitrate Nitrogen Total        | µg/L         | 100                | No Water Quality Objective Value |
| Nitrogen (Total)              | µg/L         | 100                | 250                              |
| Reactive Phosphorus           | µg/L         | 1                  | 15                               |
| Phosphorus (Total)            | µg/L         | 10                 | 20                               |
| Inorganics                    |              |                    |                                  |
| Cyanide Total                 | µg/L         | 4                  | 4                                |
| Hydrocarbons                  |              |                    |                                  |
| Oil and Grease                | mg/L         | 1                  | 5                                |
| Metals                        |              |                    |                                  |
| Aluminium (total)             | µg/L         | 5                  | No Water Quality Objective Value |
| Aluminium (dissolved)         | µg/L         | 5                  | 27                               |
| Arsenic (total)               | µg/L         | 0.2                | No Water Quality Objective Value |
| Arsenic (dissolved)           | µg/L         | 0.2                | 0.8                              |
| Chromium (III+VI) (total)     | µg/L         | 0.2                | No Water Quality Objective Value |
| Chromium (III+VI) (dissolved) | µg/L         | 0.2                | 0.05                             |
| Copper (total)                | µg/L         | 0.5                | No Water Quality Objective Value |
| Copper (dissolved)            | µg/L         | 0.5                | 1                                |
| Iron (total)                  | µg/L         | 2                  | No Water Quality Objective Value |
| Iron (dissolved)              | µg/L         | 2                  | 300                              |
| Lead (total)                  | µg/L         | 0.1                | No Water Quality Objective Value |
| Lead (dissolved)              | µg/L         | 0.1                | 1                                |
| Manganese (total)             | µg/L         | 0.5                | No Water Quality Objective Value |
| Manganese (dissolved)         | µg/L         | 0.5                | 1,200                            |
| Nickel (total)                | µg/L         | 0.5                | No Water Quality Objective Value |
| Nickel (dissolved)            | µg/L         | 0.5                | 8                                |
| Silver (total)                | µg/L         | 0.01               | No Water Quality Objective Value |
| Silver (dissolved)            | µg/L         | 0.01               | 0.02                             |
| Zinc (total)                  | µg/L         | 1                  | No Water Quality Objective Value |
| Zinc (dissolved)              | µg/L         | 1                  | 2.4                              |

\* Water Quality Objective values for surface water refer to the default trigger values for physical and chemical stressors in south-east Australia (upland rivers) for the protection of 99% of aquatic species ANZECC / ARMCANZ (2018), they are not pollutant limits imposed by EPL 21266.  
- Samples not required

| EPL5      | EPL6      | EPL8      | EPL9      | EPL12     | EPL14     | EPL15     | EPL16     | EPL14     | EPL26      | EPL27      | EPL30      | EPL31      | EPL33      | EPL34      | EPL35      | EPL36     | EPL37     | EPL52 | EPL53 | EPL54 | EPL55 | EPL67 | EPL71     | EPL84     | EPL85     | EPL86      | EPL98 | EPL99      | EPL100    | EPL101     | EPL106    | EPL110     | EPL118 | EPL120 | EPL122    |      |  |  |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|-----------|-----------|-------|-------|-------|-------|-------|-----------|-----------|-----------|------------|-------|------------|-----------|------------|-----------|------------|--------|--------|-----------|------|--|--|
| 2/06/2025 | 2/06/2025 | 2/06/2025 | 9/06/2025 | 2/06/2025 | 2/06/2025 | 2/06/2025 | 2/06/2025 | 2/06/2025 | 13/06/2025 | 13/06/2025 | 14/06/2025 | 14/06/2025 | 14/06/2025 | 14/06/2025 | 14/06/2025 | 6/06/2025 | 3/06/2025 | Dry   | Dry   | Dry   | Dry   | Dry   | 6/06/2025 | 6/06/2025 | 6/06/2025 | 13/06/2025 | Dry   | 13/06/2025 | 6/06/2025 | 13/06/2025 | 6/06/2025 | 14/06/2025 | Dry    | Dry    | 8/06/2025 |      |  |  |
| 8.27      | 8.21      | 7.97      | 7.03      | 8.32      | 8.17      | 8.14      | 8.35      | 7.07      | 7.37       | 7.42       | 7.44       | 7.45       | 7.59       | 7.52       | 7.46       | 7.79      | 7.58      | -     | -     | -     | -     | -     | 6.87      | 7.35      | 8.91      | 8.15       | -     | 7.19       | 8.18      | 7.04       | 8.37      | 8.2        | -      | -      | 7.7       |      |  |  |
| 136       | 132       | 154       | 58        | 134       | 133       | 136       | 141       | 1010      | 45         | 124        | 40         | 27         | 32         | 23         | 18         | 40        | 51        | -     | -     | -     | -     | -     | 81        | 754       | 608       | 1080       | -     | 441        | 621       | 1740       | 1140      | 56         | -      | -      | 486       |      |  |  |
| 246       | 253       | 240       | 170       | 250       | 246       | 246       | 251       | 242       | 218        | 216        | 216        | 241        | 250        | 177        | 190        | 242       | 257       | -     | -     | -     | -     | -     | 286       | 186       | 52        | 157        | -     | 130        | 259       | 143        | 127       | 133        | -      | -      | 113       |      |  |  |
| 5.91      | 5.18      | 5.45      | 7.52      | 6.05      | 5.36      | 5.96      | 6.38      | 12.86     | 4.62       | 5.62       | 3.05       | 2.85       | 4.3        | 2.59       | 1.8        | 5.12      | 5.79      | -     | -     | -     | -     | -     | 6.54      | 6.11      | 9.45      | 8.23       | -     | 7.88       | 5.73      | 5.75       | 9.1       | 8.31       | -      | -      | 10.18     |      |  |  |
| 97.5      | 78.5      | 109.8     | 68.4      | 104.6     | 92.4      | 88        | 101.3     | 121.9     | 71.7       | 63.1       | 68.3       | 70.2       | 79.7       | 105.6      | 68.9       | 107.8     | 95.6      | -     | -     | -     | -     | -     | 61.9      | 81.7      | 92.3      | 72.1       | -     | 71.4       | 122.2     | 64.8       | 57.4      | 57.5       | -      | -      | 71.2      |      |  |  |
| 0.71      | 0.29      | 0.8       | 8.7       | 0.85      | 5         | 1.24      | 1.24      | 5.57      | 1.5        | 10.4       | 3.7        | 4.4        | 6.4        | 4.8        | 4.7        | 9.7       | 11        | -     | -     | -     | -     | -     | 20.1      | 209       | 389       | 94.7       | -     | 10.5       | 21.9      | 10.8       | 5.8       | 0          | -      | -      | 245       |      |  |  |
|           |           |           |           |           |           |           |           |           |            |            |            |            |            |            |            |           |           |       |       |       |       |       |           |           |           |            |       |            |           |            |           |            |        |        |           |      |  |  |
| <5        | <5        | 6         | 6         | <5        | 12        | 8         | <5        | 8         | <5         | <5         | <5         | <5         | <5         | <5         | <5         | <5        | 15        | -     | -     | -     | -     | -     | 25        | 118       | 118       | 50         | -     | <5         | <5        | 8          | 6         | <5         | -      | -      | 125       |      |  |  |
| 66        | 67        | 68        | 38        | 66        | 66        | 68        | 68        | 231       | 18         | 12         | 9          | 2          | 2          | <1         | <1         | 13        | 13        | -     | -     | -     | -     | -     | 24        | 70        | 62        | 260        | -     | 142        | 234       | 271        | 528       | 19         | -      | -      | 93        |      |  |  |
| 10        | <10       | <10       | 10        | 10        | 20        | <10       | <10       | 60        | 90         | 30         | 90         | 30         | 200        | <10        | 20         | 10        | 20        | -     | -     | -     | -     | -     | 40        | 40        | 30        | <10        | -     | 3,110      | 20        | 100        | 70        | <10        | -      | -      | 20        |      |  |  |
| <10       | <10       | 120       | 10        | <10       | <10       | <10       | <10       | 30,600    | 20         | 20         | 30         | <10        | 70         | <10        | 20         | 110       | 60        | -     | -     | -     | -     | -     | 60        | 6,360     | 7,140     | 11,000     | -     | 17,000     | 21,600    | 11,100     | 65,100    | <10        | -      | -      | 5,870     |      |  |  |
| <100      | 100       | <100      | 200       | 100       | 100       | <100      | <100      | 6,200     | 200        | 100        | 200        | 100        | 600        | 200        | 200        | 200       | 200       | -     | -     | -     | -     | -     | 100       | 1,800     | 1,200     | 1,300      | -     | 4,600      | 900       | 800        | 4,500     | 100        | -      | -      | 700       |      |  |  |
| <100      | 100       | 100       | 200       | 100       | 100       | <100      | <100      | 36,800    | 200        | 100        | 200        | 100        | 700        | 200        | 200        | 300       | 300       | -     | -     | -     | -     | -     | 200       | 8,200     | 8,300     | 14,900     | -     | 21,600     | 22,500    | 11,900     | 69,600    | 100        | -      | -      | 6,600     |      |  |  |
| <10       | <10       | <10       | <10       | <10       | <10       | <10       | <10       | <10       | <10        | <10        | <10        | <10        | <10        | <10        | <10        | <10       | <10       | -     | -     | -     | -     | -     | <10       | <10       | <10       | <10        | -     | <10        | <10       | 20         | 10        | 30         | -      | -      | <10       |      |  |  |
| <10       | <10       | 30        | 30        | 20        | 20        | 40        | 50        | 20        | 10         | 40         | 20         | 20         | 20         | 20         | 50         | <10       | 20        | -     | -     | -     | -     | -     | <10       | 180       | 160       | 80         | -     | 20         | 30        | 70         | 20        | 30         | -      | -      | 280       |      |  |  |
| <4        | <4        | <4        | <4        | <4        | <4        | <4        | <4        | <4        | <4         | <4         | <4         | <4         | <4         | <4         | <4         | <4        | <4        | -     | -     | -     | -     | -     | <4        | <4        | <4        | <4         | -     | 58         | <4        | <4         | <4        | <4         | <4     | -      | -         | <4   |  |  |
|           |           |           |           |           |           |           |           |           |            |            |            |            |            |            |            |           |           |       |       |       |       |       |           |           |           |            |       |            |           |            |           |            |        |        |           |      |  |  |
| <1.0      | <1.0      | <1.0      | <1.0      | <1.0      | <1.0      | <1.0      | <1.0      | <1.0      | <1.0       | <1.0       | <1.0       | <1.0       | <1.0       | <1.0       | <1.0       | <1.0      | <1.0      | -     | -     | -     | -     | -     | <1.0      | <1.0      | <1.0      | <1.0       | -     | <1.0       | <1.0      | <1.0       | <1.0      | <1.0       | <1.0   | -      | -         | <1.0 |  |  |
| -         | -         | -         | -         | -         | -         | -         | -         | -         | -          | -          | -          | -          | -          | -          | -          | -         | -         | -     | -     | -     | -     | -     | -         | -         | -         | -          | -     | -          | -         | -          | -         | -          | -      | -      | -         | -    |  |  |
| 6         | <5        | 5         | 30        | 6         | 6         | 5         | 6         | 9         | <5         | <5         | 24         | 25         | 38         | 41         | 39         | 18        | 36        | -     | -     | -     | -     | -     | 6         | <5        | 10        | <5         | -     | 14         | 11        | 13         | 10        | 8          | -      | -      | 26        |      |  |  |
| -         | -         | -         | -         | -         | -         | -         | -         | -         | -          | -          | -          | -          | -          | -          | -          | -         | -         | -     | -     | -     | -     | -     | -         | -         | -         | -          | -     | -          | -         | -          | -         | -          | -      | -      | -         |      |  |  |
| 0.6       | 0.2       | 0.5       | 0.4       | 0.6       | 0.5       | 0.5       | 0.6       | 0.2       | <0.2       | <0.2       | <0.2       | <0.2       | 0.4        | <0.2       | <0.2       | <0.2      | 0.2       | -     | -     | -     | -     | -     | <0.2      | 1.3       | 16.3      | 3.9        | -     | 2.4        | 2.1       | 2.5        | 3.4       | 0.5        | -      | -      | 0.6       |      |  |  |
| -         | -         | -         | -         | -         | -         | -         | -         | -         | -          | -          | -          | -          | -          | -          | -          | -         | -         | -     | -     | -     | -     | -     | -         | -         | -         | -          | -     | -          | -         | -          | -         | -          | -      | -      | -         |      |  |  |
| 0.2       | <0.2      | <0.2      | 0.4       | 0.2       | <0.2      | 0.2       | <0.2      | 0.4       | 0.2        | 0.2        | <0.2       | <0.2       | 0.2        | 0.2        | 0.2        | <0.2      | <0.2      | -     | -     | -     | -     | -     | <0.2      | 1.5       | 15.7      | 4.0        | -     | 11.9       | 6.0       | 8.0        | 2.2       | <0.2       | -      | -      | 0.8       |      |  |  |
| -         | -         | -         | -         | -         | -         | -         | -         | -         | -          | -          | -          | -          | -          | -          | -          | -         | -         | -     | -     | -     | -     | -     | -         | -         | -         | -          | -     | -          | -         | -          | -         | -          | -      | -      | -         |      |  |  |
| <0.5      | <0.5      | <0.5      | 1.0       | <0.5      | <0.5      | <0.5      | <0.5      | 2.0       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5      | <0.5      | -     | -     | -     | -     | -     | <0.5      | 14.5      | 1.7       | 2.0        | -     | 1.1        | 1.0       | 0.7        | 0.8       | <0.5       | -      | -      | 1.5       |      |  |  |
| -         | -         | -         | -         | -         | -         | -         | -         | -         | -          | -          | -          | -          | -          | -          | -          | -         | -         | -     | -     | -     | -     | -     | -         | -         | -         | -          | -     | -          | -         | -          | -         | -          | -      | -      | -         |      |  |  |
| 17        | 12        | 17        | 63        | 16        | 17        | 18        | 20        | 30        | 13         | 9          | 42         | 31         | 116        | 55         | 52         | 132       | 162       | -     | -     | -     | -     | -     | 12        | 4         | <2        | 2          | -     | <2         | <2        | <2         | <2        | 7          | -      | -      | 79        |      |  |  |
| -         | -         | -         | -         | -         | -         | -         | -         | -         | -          | -          | -          | -          | -          | -          | -          | -         | -         | -     | -     | -     | -     | -     | -         | -         | -         | -          | -     | -          | -         | -          | -         | -          | -      | -      | -         |      |  |  |
| <0.1      | <0.1      | <0.1      | <0.1      | <0.1      | <0.1      | <0.1      | <0.1      | 3.6       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1       | <0.1      | <0.1      | -     | -     | -     | -     | -     | <0.1      | <0.1      | <0.1      | 0.1        | -     | <0.1       | <0.1      | <0.1       | 0.1       | <0.1       | -      | -      | 0.3       |      |  |  |
| -         | -         | -         | -         | -         | -         | -         | -         | -         | -          | -          | -          | -          | -          | -          | -          | -         | -         | -     | -     | -     | -     | -     | -         | -         | -         | -          | -     | -          | -         | -          | -         | -          | -      | -      | -         |      |  |  |
| 0.7       | 3.3       | 1.4       | 2.3       | 0.7       | 0.9       | 1.2       | 2.0       | 194       | 2.5        | 1.0        | 3.0        | 1.6        | 9.2        | 4.3        | 4.1        | 59.2      | 4.6       | -     | -     | -     | -     | -     | 68.2      | 118       | <0.5      | 12.4       | -     | 7.8        | 14.6      | 8.3        | 0.9       | <0.5       | -      | -      | 30.8      |      |  |  |
| -         | -         | -         | -         | -         | -         | -         | -         | -         | -          | -          | -          | -          | -          | -          | -          | -         | -         | -     | -     | -     | -     | -     | -         | -         | -         | -          | -     | -          | -         | -          | -         | -          | -      | -      | -         |      |  |  |
| <0.5      | <0.5      | <0.5      | <0.5      | <0.5      | <0.5      | <0.5      | <0.5      | 2.3       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5      | <0.5      | -     | -     | -     | -     | -     | 1.2       | 6.7       | 1.0       | 0.9        | -     | 1.2        | 1.2       | 1.0        | 2.8       | <0.5       | -      | -      | 1.3       |      |  |  |
| -         | -         | -         | -         | -         | -         | -         | -         | -         | -          | -          | -          | -          | -          | -          | -          | -         | -         | -     | -     | -     | -     | -     | -         | -         | -         | -          | -     | -          | -         | -          | -         | -          | -      | -      | -         |      |  |  |
| <0.01     | <0.01     | <0.01     | <0.01     | <0.01     | <0.01     | <0.01     | <0.01     | <0.01     | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01     | <0.01     | -     | -     | -     | -     | -     | <0.01     | <0.01     | <0.01     | <0.01      | -     | <0.01      | <0.01     | <0.01      | <0.01     | <0.01      | -      | -      | <0.01     |      |  |  |
| -         | -         | -         | -         | -         | -         | -         | -         | -         | -          | -          | -          | -          | -          | -          | -          | -         | -         | -     | -     | -     | -     | -     | -         | -         | -         | -          | -     | -          | -         | -          | -         | -          | -      | -      | -         |      |  |  |
| <1        | <1        | <1        | <1        | <1        | <1        | <1        | <1        | 8         | <1         | <1         | <1         | <1         | <1         | <1         | <1         | 2         | <1        | -     | -     | -     | -     | -     | <1        | 118       | <1        | <1         | -     | 2          | <1        | <1         | 1         | <1         | 10     | -      | -         | <1   |  |  |

**Snowy Hydro 2.0 Main Works**  
**Monthly EPL Sampling: 01-30 June 2025 - Discharge Water**

| Analyte                                   | Unit         | Limit of Reporting | Water Quality Objective Value*   |
|-------------------------------------------|--------------|--------------------|----------------------------------|
| <b>Flow Rate</b>                          |              |                    |                                  |
| Inflow <sup>#</sup>                       | ML/day       | -                  | -                                |
| Outflow <sup>#</sup>                      | ML/day       | -                  | 4.32 (EPL 43 / 50)               |
| <b>Field</b>                              |              |                    |                                  |
| pH                                        | pH Unit      | -                  | 6.5-8.5                          |
| Electrical Conductivity                   | µS/cm        | -                  | 700 (EPL 41) / 200 (EPL 50)      |
| Oxidation Reduction Potential             | mV           | -                  | No Water Quality Objective Value |
| Temperature                               | °C           | -                  | 15                               |
| Dissolved Oxygen                          | % saturation | -                  | No Water Quality Objective Value |
| Turbidity                                 | NTU          | -                  | <25                              |
| <b>Laboratory analytes</b>                |              |                    |                                  |
| Total suspended solids                    | mg/L         | 5                  | 5/10                             |
| Hardness as CaCO <sub>3</sub>             | mg/L         | 1                  | No Water Quality Objective Value |
| <b>Nutrients</b>                          |              |                    |                                  |
| Ammonia as N                              | µg/L         | 10                 | 200/2000 <sup>^</sup>            |
| Nitrite + Nitrate as N (NO <sub>x</sub> ) | µg/L         | 10                 | 10                               |
| Kjeldahl Nitrogen Total                   | µg/L         | 100                | No Water Quality Objective Value |
| Nitrogen (Total)                          | µg/L         | 100                | 350/- <sup>^</sup>               |
| Reactive Phosphorus                       | µg/L         | 1                  | No Water Quality Objective Value |
| Phosphorus (Total)                        | µg/L         | 10                 | 100/300 <sup>^</sup>             |
| <b>Inorganics</b>                         |              |                    |                                  |
| Cyanide Total                             | µg/L         | 4                  | No Water Quality Objective Value |
| <b>Hydrocarbons</b>                       |              |                    |                                  |
| Oil and Grease                            | mg/L         | 1                  | 2/5 <sup>^</sup>                 |
| <b>Metals</b>                             |              |                    |                                  |
| Aluminium (dissolved)                     | µg/L         | 5                  | 55                               |
| Arsenic (dissolved)                       | µg/L         | 0.2                | 13                               |
| Chromium (III+VI) (dissolved)             | µg/L         | 0.2                | 1                                |
| Copper (dissolved)                        | µg/L         | 0.5                | 14                               |
| Iron (dissolved)                          | µg/L         | 2                  | 300                              |
| Lead (dissolved)                          | µg/L         | 0.1                | 3.4                              |
| Manganese (dissolved)                     | µg/L         | 0.5                | 1,900                            |
| Nickel (dissolved)                        | µg/L         | 0.5                | 11                               |
| Silver (dissolved)                        | µg/L         | 0.01               | 0.05                             |
| Zinc (dissolved)                          | µg/L         | 1                  | 8                                |
| <b>Biological</b>                         |              |                    |                                  |
| Faecal Coliforms                          | CFU/100mL    | 1                  | 10/100 <sup>^</sup>              |
| Biological Oxygen Demand                  | mg/L         | 2                  | 5                                |

| EPL 41     | EPL 43 | EPL 44 | EPL 45 | EPL 47 | EPL 48 | EPL 49 | EPL 50     |
|------------|--------|--------|--------|--------|--------|--------|------------|
| 15/06/2025 |        |        |        |        |        |        | 29/06/2025 |
| -          | 0.0000 | 0.2339 | 0.0643 | 0.2230 | 0.0793 | 0.2703 | -          |
| -          | -      | -      | -      | -      | -      | -      | -          |
| 8.58       | -      | -      | -      | -      | -      | -      | 6.85       |
| 4          | -      | -      | -      | -      | -      | -      | 51         |
| 216        | -      | -      | -      | -      | -      | -      | 313        |
| 12.49      | -      | -      | -      | -      | -      | -      | 7.86       |
| 97         | -      | -      | -      | -      | -      | -      | 68.2       |
| 1.3        | -      | -      | -      | -      | -      | -      | 0          |
| <5         | -      | -      | -      | -      | -      | -      | <5         |
| <1         | -      | -      | -      | -      | -      | -      | <1         |
| <10        | -      | -      | -      | -      | -      | -      | 50         |
| 90         | -      | -      | -      | -      | -      | -      | <10        |
| <100       | -      | -      | -      | -      | -      | -      | 400        |
| <100       | -      | -      | -      | -      | -      | -      | 400        |
| <10        | -      | -      | -      | -      | -      | -      | <10        |
| <10        | -      | -      | -      | -      | -      | -      | <10        |
| <4         | -      | -      | -      | -      | -      | -      | 26         |
| <1.0       | -      | -      | -      | -      | -      | -      | <1.0       |
| <5         | -      | -      | -      | -      | -      | -      | <5         |
| <0.2       | -      | *      | -      | -      | -      | -      | <0.2       |
| <0.2       | -      | *      | -      | -      | -      | -      | 0.8        |
| <0.5       | -      | *      | -      | -      | -      | -      | <0.5       |
| <2         | -      | *      | -      | -      | -      | -      | <2         |
| <0.1       | -      | *      | -      | -      | -      | -      | <0.1       |
| <0.5       | -      | *      | -      | -      | -      | -      | <0.5       |
| <0.5       | -      | *      | -      | -      | -      | -      | <0.5       |
| <0.01      | -      | *      | -      | -      | -      | -      | <0.01      |
| <1         | -      | -      | -      | -      | -      | -      | <1         |
| <1         | -      | -      | -      | -      | -      | -      | <1         |
| <2         | -      | -      | -      | -      | -      | -      | <2         |

Note: Treated water was not being discharged at Talbingo Reservoir at the time of EPL sampling.

There is no 100th percentile limit for Nitrogen (Total).

\* Water Quality Objective values Treated Water reference the predicted values for physical and chemical stressors from the treatment plant as presented in the Main Works EIS.

- Samples not required

<sup>^</sup> 90 Percentile concentration limit/100 Percentile limit

<sup>#</sup> Inflows to STP and CWTP do not directly correspond to outflow at RO as much of the water is reused on site

Snowy Hydro 2.0 Main Works  
Monthly EPL Sampling: 01-30 June 2025 - Volumes

| Date       |
|------------|
| 1/06/2025  |
| 2/06/2025  |
| 3/06/2025  |
| 4/06/2025  |
| 5/06/2025  |
| 6/06/2025  |
| 7/06/2025  |
| 8/06/2025  |
| 9/06/2025  |
| 10/06/2025 |
| 11/06/2025 |
| 12/06/2025 |
| 13/06/2025 |
| 14/06/2025 |
| 15/06/2025 |
| 16/06/2025 |
| 17/06/2025 |
| 18/06/2025 |
| 19/06/2025 |
| 20/06/2025 |
| 21/06/2025 |
| 22/06/2025 |
| 23/06/2025 |
| 24/06/2025 |
| 25/06/2025 |
| 26/06/2025 |
| 27/06/2025 |
| 28/06/2025 |
| 29/06/2025 |
| 30/06/2025 |

| EPL 43 *                      | EPL 50 ^ |
|-------------------------------|----------|
| Discharge volume (Megalitres) |          |
| -                             | -        |
| -                             | -        |
| -                             | -        |
| 0.76                          | -        |
| -                             | -        |
| -                             | 0.53     |
| -                             | 0.08     |
| -                             | 0.11     |
| -                             | 0.31     |
| -                             | 0.50     |
| 1.32                          | -        |
| -                             | -        |
| -                             | 0.39     |
| -                             | 0.92     |
| -                             | 0.18     |
| -                             | 0.34     |
| -                             | 0.26     |
| -                             | 0.05     |
| 1.65                          | 0.08     |
| -                             | -        |
| -                             | 0.35     |
| -                             | -        |
| -                             | 0.52     |
| 0.39                          | 0.76     |
| -                             | 0.66     |
| -                             | 0.63     |
| 0.59                          | 1.00     |
| -                             | 0.60     |
| 0.40                          | 0.40     |
| 0.23                          | 0.89     |

| EPL 44                        | EPL 45 | EPL 47 | EPL 48 | EPL 49 |
|-------------------------------|--------|--------|--------|--------|
| Discharge volume (Megalitres) |        |        |        |        |
| 0.29                          | 0.04   | 0.23   | 0.04   | 0.75   |
| 0.51                          | 0.05   | 0.19   | 0.13   | 0.71   |
| 0.42                          | 0.05   | 0.17   | 0.09   | 0.69   |
| 0.40                          | 0.04   | 0.16   | 0.09   | 0.63   |
| 0.20                          | 0.02   | 0.20   | 0.06   | 0.09   |
| 0.01                          | 0.06   | 0.30   | 0.10   | 0.29   |
| 0.67                          | 0.06   | 0.17   | 0.10   | 0.73   |
| 0.48                          | 0.07   | 0.27   | 0.08   | 0.61   |
| 0.41                          | 0.06   | 0.23   | 0.07   | 0.48   |
| 0.36                          | 0.10   | 0.23   | 0.08   | 0.32   |
| 0.12                          | 0.07   | 0.25   | 0.08   | 0.63   |
| 0.14                          | 0.10   | 0.32   | 0.11   | 0.66   |
| 0.13                          | 0.03   | 0.10   | 0.04   | 0.31   |
| 0.24                          | 0.07   | 0.25   | 0.09   | 0.46   |
| 0.03                          | 0.06   | 0.21   | 0.07   | 0.16   |
| 0.04                          | 0.06   | 0.20   | 0.06   | 0.08   |
| 0.04                          | 0.07   | 0.23   | 0.08   | 0.11   |
| 0.03                          | 0.07   | 0.38   | 0.07   | 0.11   |
| 0.02                          | 0.07   | 0.06   | 0.07   | 0.03   |
| 0.01                          | 0.07   | 0.23   | 0.08   | 0.02   |
| 0.04                          | 0.08   | 0.24   | 0.08   | 0.09   |
| 0.16                          | 0.07   | 0.22   | 0.08   | 0.06   |
| 0.29                          | 0.11   | 0.21   | 0.05   | 0.01   |
| 0.25                          | 0.07   | 0.21   | 0.08   | 0.02   |
| 0.39                          | 0.08   | 0.23   | 0.08   | 0.03   |
| 0.39                          | 0.07   | 0.32   | 0.08   | 0.002  |
| 0.20                          | 0.07   | 0.18   | 0.08   | 0.001  |
| 0.03                          | 0.07   | 0.26   | 0.09   | 0.0004 |
| 0.30                          | 0.06   | 0.24   | 0.09   | 0.001  |
| 0.39                          | 0.06   | 0.22   | 0.07   | 0.002  |

Note: The EPL discharge volume limit for EPL 43 and 50 is 4.32 megalitres per day. Compliance with this criteria was met during the reporting month.

- \* The maximum flow rate capacity for Lobs Hole STP/PWTP during the reporting month was 7.75 L/s
- ^ The maximum flow rate capacity for Tantangara STP/PWTP during the reporting month was 7.63 L/s
- Water not discharged on this day

Snowy Hydro 2.0 Main Works EPL Sampling: 01 - 31 July 2025

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environmental Protection Licence No:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 21266                                                                                                                                                                                                                                                                                                                                                                   |
| Licensee:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Snowy Hydro Limited                                                                                                                                                                                                                                                                                                                                                     |
| Licensee address:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PO Box 332, Cooma, NSW 2630                                                                                                                                                                                                                                                                                                                                             |
| Premises:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Snowy 2.0 Pumped Hydro Power Station Talbingo and Tantangara, Kosciuszko National Park and Rock Forest, Kosciuszko NSW 2642                                                                                                                                                                                                                                             |
| EPA Public Register:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21266&amp;id=21266&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21266&amp;id=21266&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a> |
| Monthly water sampling and analysis is performed as part of the Snowy 2.0 Approval Conditions, Environmental Protection Licence No 21266 - Variation 23 July 2025, and the approved Water Management Plan to ensure that works are not impacting on nearby receiving waters.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                         |
| A map showing the location of each of the EPL named sampling points is provided after the results tables.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                         |
| <p><b>Groundwater Results:</b></p> <p>EPL56 has elevated concentrations of total nitrogen (TN) at 400ug/L, but the downgradient locations recorded increased concentrations of EPL57 of 2080ug/L, and EPL58 at 53,400 ug/L. EPL57 and EPL58 have increased significantly, and it is evident in the results that the TN has risen as we get further down the watercourse. The phosphorus has not increased in the same trends seen for TN, although they are above the WQO's, they are not linear in their values. EPL95 which is measured at similar depths to EPL58 slightly lower exceedances but similar concentrations for TN.</p> <p>The results for TN within Tantangara groundwater sampling locations (EPL68, 69, 103, 104, 105) are all exceeding with differing levels, none of which are linear or displaying obvious trends displaying correlation between upgradient and down gradient locations. The reported elevated concentrations for ground water locations within Lickhole Gully have previously been recorded above the WQO's for TN.</p> <p>Heavy metals have been reported for multiple sites as above WQO's. More specifically, GF01 (Nickel, Zinc, Copper, Iron, and Arsenic – all dissolved), Lickhole Gully (Arsenic, Chromium, Copper, Iron, Nickel, and Zinc), Ravine Bay (Aluminium, Chromium, Copper, Zinc).</p> <p><b>Reservoir Results:</b></p> <p>The results for Talbingo reservoir returned concentrations that indicate the environmental conditions are consistent with the ambient conditions. Although Ammonia has indicated an exceedance at EPL107, it is within the objectives for the other locations up and down stream for the reservoir. All other parameters have been recorded within the WQO's, other than the Nitrite and Nitrates which are slightly above, although the Total Nitrogen is below the objectives.</p> <p>For Tantangara Reservoir there are more nutrient levels exceeding our WQO's for most locations sampled within the area. Ammonia is slightly exceeding for all locations but EPL39 and EPL40, which is upstream of construction. Total Nitrogen, Reactive and Total Phosphorus have exceeded for most of the locations on the reservoir. Aluminium is the only metal that has returned concentrations above the WQO's for the locations on the reservoir. These concentration levels for parameters exceeding the WQO's have been recorded from previous sample periods for these locations.</p> <p><b>Surface Water Results:</b></p> <p>EPL24 has returned elevated concentrations of TN although all other parameters except for Zinc have identified all other parameters have met the WQO's for this location. Locations along the natural water ways of the Murrumbidgee River, Nungar creek, and Eucumbene River have returned slight exceedances for TN, Phosphorus, and some select heavy metals. EPL52 and EPL555 located within the GF01 area have returned exceedances for TN at levels that have been recorded and reported on from previous sampling periods. There are a few select heavy metals that are also exceeding for these locations, however EPL55 is below EPL52 in location, and as such is showing lesser concentration volumes than EPL52.</p> <p><b>Discharge Results:</b></p> <p>Results for the discharge locations met the adopted Water Quality Objectives (WQOs) during the discharge periods.</p> |                                                                                                                                                                                                                                                                                                                                                                         |

The publication of this pollution monitoring data is carried out in accordance with section 66 (6) of the Protection of the Environment Operations Act 1997 (NSW).

Snowy Hydro Limited gives no warranty or representation regarding the data suitability for any particular purpose.

Snowy Hydro Limited excludes all liability to any person for loss or damage of any kind (however caused, including but not limited to by negligence) arising whether directly or indirectly from or relating in any way to the use of this data, whether in whole or in part.

Snowy Hydro 2.0 Main Works  
Monthly EPL Sampling: 01-31 July 2025 - Groundwater

| Analysis                               | Unit      | Unit of Reporting | Water Quality Objective Value*   |
|----------------------------------------|-----------|-------------------|----------------------------------|
| <b>Physicochemical</b>                 |           |                   |                                  |
| pH                                     | pH (25°C) | -                 | 6.5-8.5                          |
| Dissolved Oxygen                       | mg/L      | DO                | 5-8                              |
| <b>Organic Matter</b>                  |           |                   |                                  |
| Chemical Oxygen Demand                 | mg/L      | mg/L              | No Water Quality Objective Value |
| Biochemical Oxygen Demand              | mg/L      | mg/L              | No Water Quality Objective Value |
| Carbonaceous Biochemical Oxygen Demand | mg/L      | mg/L              | No Water Quality Objective Value |
| Reactive Phosphorus                    | mg/L      | mg/L              | No Water Quality Objective Value |
| <b>Trace Metals</b>                    |           |                   |                                  |
| As                                     | mg/L      | mg/L              | 0.05                             |
| Cd                                     | mg/L      | mg/L              | 0.01                             |
| Cr                                     | mg/L      | mg/L              | 0.05                             |
| Cu                                     | mg/L      | mg/L              | 0.01                             |
| Fe                                     | mg/L      | mg/L              | 0.3                              |
| Mn                                     | mg/L      | mg/L              | 0.05                             |
| Ni                                     | mg/L      | mg/L              | 0.02                             |
| Pb                                     | mg/L      | mg/L              | 0.01                             |
| Se                                     | mg/L      | mg/L              | 0.01                             |
| Sn                                     | mg/L      | mg/L              | 0.01                             |
| Th                                     | mg/L      | mg/L              | 0.01                             |
| U                                      | mg/L      | mg/L              | 0.01                             |
| V                                      | mg/L      | mg/L              | 0.05                             |
| Zn                                     | mg/L      | mg/L              | 0.03                             |
| <b>Heavy Metals</b>                    |           |                   |                                  |
| Aluminum                               | mg/L      | mg/L              | 5                                |
| Aluminum (soluble)                     | mg/L      | mg/L              | 27                               |
| Ammonia                                | mg/L      | mg/L              | No Water Quality Objective Value |
| Arsenic                                | mg/L      | mg/L              | 0.2                              |
| Barium                                 | mg/L      | mg/L              | 0.2                              |
| Bismuth                                | mg/L      | mg/L              | No Water Quality Objective Value |
| Chromium (VI) (soluble)                | mg/L      | mg/L              | 0.2                              |
| Copper                                 | mg/L      | mg/L              | 0.5                              |
| Copper (soluble)                       | mg/L      | mg/L              | 1                                |
| Cobalt                                 | mg/L      | mg/L              | No Water Quality Objective Value |
| Iron                                   | mg/L      | mg/L              | 2                                |
| Lead                                   | mg/L      | mg/L              | No Water Quality Objective Value |
| Lead (soluble)                         | mg/L      | mg/L              | 0.5                              |
| Magnesium                              | mg/L      | mg/L              | No Water Quality Objective Value |
| Manganese                              | mg/L      | mg/L              | 0.5                              |
| Manganese (soluble)                    | mg/L      | mg/L              | 1.05                             |
| Mercury                                | mg/L      | mg/L              | No Water Quality Objective Value |
| Nickel (soluble)                       | mg/L      | mg/L              | 0.5                              |
| Nickel                                 | mg/L      | mg/L              | No Water Quality Objective Value |
| Vanadium                               | mg/L      | mg/L              | No Water Quality Objective Value |
| Zinc (soluble)                         | mg/L      | mg/L              | 1.02                             |
| Zinc                                   | mg/L      | mg/L              | 2.4                              |

[illegible]

\* Water Quality Objective values for groundwater refer to the default trigger values for physical and chemical stressors in south-east Australia (land rivers) for the protection of 90% of aquatic species ANZECC / ARMCANZ (2000), they are not pollutant limits imposed by EPA 21266.

**Snowy Hydro 2.0 Main Works**  
**Monthly EPL Sampling: 01-31 July 2025 - Talbingo and Tantangara Reservoir**

| Analyte                                   | Unit         | Limit of Reporting | Water Quality Objective Value*   |
|-------------------------------------------|--------------|--------------------|----------------------------------|
| <b>Field</b>                              |              |                    |                                  |
| pH                                        | pH Unit      | -                  | 6.5-8                            |
| Electrical Conductivity                   | µS/cm        | -                  | 20-30                            |
| Oxidation Reduction Potential             | mV           | -                  | No Water Quality Objective Value |
| Temperature                               | °C           | -                  | No Water Quality Objective Value |
| Dissolved Oxygen                          | % saturation | -                  | 90-110                           |
| Turbidity                                 | NTU          | -                  | 1-20                             |
| <b>Laboratory analytes</b>                |              |                    |                                  |
| Total suspended solids                    | mg/L         | 5                  | No Water Quality Objective Value |
| Hardness as CaCO <sub>3</sub>             | mg/L         | 1                  | No Water Quality Objective Value |
| <b>Nutrients</b>                          |              |                    |                                  |
| Ammonia as N                              | µg/L         | 10                 | 10                               |
| Nitrite + Nitrate as N (NO <sub>x</sub> ) | µg/L         | 10                 | 10                               |
| Kjeldahl Nitrogen Total                   | µg/L         | 100                | No Water Quality Objective Value |
| Nitrogen (Total)                          | µg/L         | 100                | 350                              |
| Reactive Phosphorus                       | µg/L         | 1                  | 5                                |
| Phosphorus (Total)                        | µg/L         | 10                 | 10                               |
| <b>Inorganics</b>                         |              |                    |                                  |
| Cyanide Total                             | µg/L         | 4                  | 7                                |
| <b>Hydrocarbons</b>                       |              |                    |                                  |
| Oil and Grease                            | mg/L         | 1                  | 5                                |
| <b>Metals</b>                             |              |                    |                                  |
| Aluminium (dissolved)                     | µg/L         | 5                  | 55                               |
| Arsenic (dissolved)                       | µg/L         | 0.2                | 13                               |
| Chromium (III+VI) (dissolved)             | µg/L         | 0.2                | 1                                |
| Copper (dissolved)                        | µg/L         | 0.5                | 14                               |
| Iron (dissolved)                          | µg/L         | 2                  | 300                              |
| Lead (dissolved)                          | µg/L         | 0.1                | 3.4                              |
| Manganese (dissolved)                     | µg/L         | 0.5                | 1,900                            |
| Nickel (dissolved)                        | µg/L         | 0.5                | 11                               |
| Silver (dissolved)                        | µg/L         | 0.01               | 0.05                             |
| Zinc (dissolved)                          | µg/L         | 1                  | 8                                |
| <b>Biological</b>                         |              |                    |                                  |
| Faecal Coliforms                          | CFU/100mL    | 1                  | 10/100 <sup>A</sup>              |
| Biochemical Oxygen Demand                 | mg/L         | 2                  | 1/5 <sup>A</sup>                 |

\* Water Quality Objective values for Talbingo and Tantangara Reservoir refer to the default trigger values for physical and chemical stressors in south-east Australia (fresh lakes and reservoirs) for the protection of 95% of aquatic species ANZECC / ARMCANZ (2000), they are not pollutant limits imposed by EPL 21266.

\*\* Algal blooms can present as faecal coliforms

<sup>A</sup> 90th percentile concentration limits / 100 percentile concentration limits

- Sample not required at this location.

| EPL10      | EPL11      | EPL28      | EPL29      | EPL32      | EPL38     | EPL39     | EPL40      | EPL46      | EPL51      | EPL107     | EPL108     | EPL109     |
|------------|------------|------------|------------|------------|-----------|-----------|------------|------------|------------|------------|------------|------------|
| 27/07/2025 | 27/07/2027 | 20/07/2025 | 20/07/2025 | 20/07/2025 | 5/07/2025 | 5/07/2025 | 20/07/2025 | 20/07/2025 | 20/07/2025 | 22/07/2025 | 22/07/2025 | 22/07/2025 |
| 8.38       | 7.83       | 7.09       | 7.19       | 7.13       | 7.4       | 6.69      | 7.29       | 7.28       | 7.2        | 7.32       | 7.38       | 7.58       |
| 37         | 30         | 11.4       | 17.9       | 18         | 29        | 13        | 10.7       | 18.7       | 18.2       | 21         | 21         | 21         |
| 116        | 133        | 113        | 173.1      | 171        | 285       | 299       | 177.6      | 118        | 144        | 169        | 175        | 166        |
| 8.11       | 8.63       | 4.1        | 5.7        | 5.5        | 6.77      | 6.47      | 3.7        | 5.2        | 5.5        | 9.4        | 9.3        | 9.6        |
| 93.3       | 115.5      | 83.9       | 86.9       | 86.6       | 64        | 69.4      | 85.5       | 85.9       | 86.5       | 92.1       | 91         | 91.5       |
| 3.4        | 2.2        | 2.86       | 3.76       | 3.9        | 10.5      | 5.2       | 2.14       | 4.01       | 4.28       | 0.85       | 1.04       | 0.8        |
| <5         | <5         | <5         | <5         | <5         | 14        | <5        | <5         | <5         | <5         | <5         | <5         | <5         |
| 12         | 12         | 2          | 5          | 5          | 5         | <1        | 2          | 5          | 5          | 5          | 5          | 5          |
| <10        | <10        | 30         | 110        | 90         | 120       | <10       | <10        | 160        | 120        | 50         | 10         | <10        |
| 50         | 30         | 30         | 60         | 60         | 80        | 30        | 20         | 60         | 60         | 30         | 30         | 30         |
| 200        | 200        | 100        | 300        | 300        | 400       | 200       | <100       | 400        | 300        | 200        | 100        | 200        |
| 200        | 200        | 100        | 400        | 400        | 500       | 200       | <100       | 500        | 400        | 200        | 100        | 200        |
| <10        | <10        | <10        | <10        | <10        | 10        | 10        | <10        | <10        | <10        | <10        | <10        | <10        |
| <10        | 20         | 10         | <10        | <10        | 50        | 40        | <10        | 30         | 30         | <10        | <10        | 20         |
| <4         | <4         | <4         | <4         | <4         | <4        | <4        | <4         | <4         | <4         | <4         | <4         | <4         |
| <1.0       | <1.0       | <1.0       | <1.0       | <1.0       | <1.0      | <1.0      | <1.0       | <1.0       | <1.0       | <1.0       | <1.0       | <1.0       |
| 12         | 11         | 49         | 58         | 62         | 45        | 41        | 24         | 56         | 60         | <5         | <5         | 7          |
| 0.2        | <0.2       | <0.2       | 0.2        | 0.2        | 0.2       | <0.2      | <0.2       | 0.2        | 0.2        | 0.2        | 0.2        | <0.2       |
| 0.7        | <0.2       | 0.2        | 0.3        | 0.3        | <0.2      | <0.2      | <0.2       | 0.3        | 0.3        | <0.2       | <0.2       | <0.2       |
| <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5      | <0.5      | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       |
| 17         | 12         | 60         | 130        | 130        | 119       | 40        | 24         | 128        | 131        | 6          | 4          | 4          |
| <0.1       | 0.1        | <0.1       | <0.1       | <0.1       | <0.1      | <0.1      | <0.1       | <0.1       | <0.1       | <0.1       | 0.2        | 0.2        |
| 1.6        | 0.7        | 6.7        | 18.9       | 19.9       | 36.2      | 4.3       | 1.8        | 20.3       | 19.8       | <0.5       | <0.5       | <0.5       |
| <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5      | <0.5      | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       | <0.5       |
| <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01     | <0.01     | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      | <0.01      |
| 2          | <1         | <1         | <1         | <1         | 3         | 2         | <1         | <1         | <1         | <1         | <1         | <1         |
| 6          | 2          | <1         | -          | -          | -         | -         | -          | -          | <1         | -          | -          | -          |
| <2         | <2         | 3          | -          | -          | -         | -         | -          | -          | <2         | -          | -          | -          |

\* Water Quality Objective values for surface water refer to the default trigger values for physical and chemical stressors in south-east Australia (upland rivers) for the protection of 99% of aquatic species ANZECC / ARMCANZ (2018), they are not pollutant limits imposed by EPA 21266.

### Snowy Hydro 2.0 Main Works

#### Monthly EPL Sampling: 01-31 July 2025 - Discharge Water

| Analyte                                   | Unit         | Limit of Reporting | Water Quality Objective Value*   |
|-------------------------------------------|--------------|--------------------|----------------------------------|
| <b>Flow Rate</b>                          |              |                    |                                  |
| Inflow <sup>#</sup>                       | ML/day       | -                  | -                                |
| Outflow <sup>#</sup>                      | ML/day       | -                  | 4.32 (EPL 43 / 50)               |
| <b>Field</b>                              |              |                    |                                  |
| pH                                        | pH Unit      | -                  | 6.5-8.5                          |
| Electrical Conductivity                   | µS/cm        | -                  | 700 (EPL 41) / 200 (EPL 50)      |
| Oxidation Reduction Potential             | mV           | -                  | No Water Quality Objective Value |
| Temperature                               | °C           | -                  | 15                               |
| Dissolved Oxygen                          | % saturation | -                  | No Water Quality Objective Value |
| Turbidity                                 | NTU          | -                  | <25                              |
| <b>Laboratory analytes</b>                |              |                    |                                  |
| Total suspended solids                    | mg/L         | 5                  | 5/10                             |
| Hardness as CaCO <sub>3</sub>             | mg/L         | 1                  | No Water Quality Objective Value |
| <b>Nutrients</b>                          |              |                    |                                  |
| Ammonia as N                              | µg/L         | 10                 | 200/2000 <sup>^</sup>            |
| Nitrite + Nitrate as N (NO <sub>x</sub> ) | µg/L         | 10                 | 10                               |
| Kjeldahl Nitrogen Total                   | µg/L         | 100                | No Water Quality Objective Value |
| Nitrogen (Total)                          | µg/L         | 100                | 350/- <sup>^</sup>               |
| Reactive Phosphorus                       | µg/L         | 1                  | No Water Quality Objective Value |
| Phosphorus (Total)                        | µg/L         | 10                 | 100/300 <sup>^</sup>             |
| <b>Inorganics</b>                         |              |                    |                                  |
| Cyanide Total                             | µg/L         | 4                  | No Water Quality Objective Value |
| <b>Hydrocarbons</b>                       |              |                    |                                  |
| Oil and Grease                            | mg/L         | 1                  | 2/5 <sup>^</sup>                 |
| <b>Metals</b>                             |              |                    |                                  |
| Aluminium (dissolved)                     | µg/L         | 5                  | 55                               |
| Arsenic (dissolved)                       | µg/L         | 0.2                | 13                               |
| Chromium (III+VI) (dissolved)             | µg/L         | 0.2                | 1                                |
| Copper (dissolved)                        | µg/L         | 0.5                | 14                               |
| Iron (dissolved)                          | µg/L         | 2                  | 300                              |
| Lead (dissolved)                          | µg/L         | 0.1                | 3.4                              |
| Manganese (dissolved)                     | µg/L         | 0.5                | 1,900                            |
| Nickel (dissolved)                        | µg/L         | 0.5                | 11                               |
| Silver (dissolved)                        | µg/L         | 0.01               | 0.05                             |
| Zinc (dissolved)                          | µg/L         | 1                  | 8                                |
| <b>Biological</b>                         |              |                    |                                  |
| Faecal Coliforms                          | CFU/100mL    | 1                  | 10/100 <sup>^</sup>              |
| Biological Oxygen Demand                  | mg/L         | 2                  | 5                                |

| EPL 41    | EPL 43 | EPL 44 | EPL 45 | EPL 47 | EPL 48 | EPL 49 | EPL 50     |
|-----------|--------|--------|--------|--------|--------|--------|------------|
| 6/07/2025 |        |        |        |        |        |        | 20/07/2025 |
| -         | 0.0000 | 0.3320 | 0.0647 | 0.2330 | 0.0817 | 0.0271 | -          |
| -         | -      | -      | -      | -      | -      | -      | -          |
| 7.55      | -      | -      | -      | -      | -      | -      | 7.31       |
| 7         | -      | -      | -      | -      | -      | -      | 47.7       |
| 221       | -      | -      | -      | -      | -      | -      | 115.6      |
| 12.87     | -      | -      | -      | -      | -      | -      | 6.4        |
| 70.8      | -      | -      | -      | -      | -      | -      | 87.3       |
| 0.09      | -      | -      | -      | -      | -      | -      | 0.14       |
| <5        | -      | -      | -      | -      | -      | -      | <5         |
| <1        | -      | -      | -      | -      | -      | -      | <1         |
| 20        | -      | -      | -      | -      | -      | -      | 20         |
| 60        | -      | -      | -      | -      | -      | -      | <10        |
| <100      | -      | -      | -      | -      | -      | -      | <100       |
| <100      | -      | -      | -      | -      | -      | -      | <100       |
| <10       | -      | -      | -      | -      | -      | -      | <10        |
| <10       | -      | -      | -      | -      | -      | -      | <10        |
| <4        | -      | -      | -      | -      | -      | -      | <4         |
| <1.0      | -      | -      | -      | -      | -      | -      | <1.0       |
| <5        | -      | -      | -      | -      | -      | -      | <5         |
| <0.2      | -      | -      | -      | -      | -      | -      | <0.2       |
| <0.2      | -      | -      | -      | -      | -      | -      | 0.7        |
| <0.5      | -      | -      | -      | -      | -      | -      | <0.5       |
| <2        | -      | -      | -      | -      | -      | -      | <2         |
| <0.1      | -      | -      | -      | -      | -      | -      | <0.1       |
| <0.5      | -      | -      | -      | -      | -      | -      | <0.5       |
| <0.5      | -      | -      | -      | -      | -      | -      | <0.5       |
| <0.01     | -      | -      | -      | -      | -      | -      | <0.01      |
| <1        | -      | -      | -      | -      | -      | -      | <1         |
| <1        | -      | -      | -      | -      | -      | -      | <1         |
| <2        | -      | -      | -      | -      | -      | -      | <2         |

Note: Treated water was not being discharged at Talbingo Reservoir at the time of EPL sampling.

There is no 100th percentile limit for Nitrogen (Total).

\* Water Quality Objective values Treated Water reference the predicted values for physical and chemical stressors from the treatment plant as presented in the Main Works EIS.

- Samples not required

<sup>^</sup> 90 Percentile concentration limit/100 Percentile limit

<sup>#</sup> Inflows to STP and CWT do not directly correspond to outflow at RO as much of the water is reused on site

### Snowy Hydro 2.0 Main Works

#### Monthly EPL Sampling: 01-31 July 2025 - Volumes

| Date       |
|------------|
| 1/07/2025  |
| 2/07/2025  |
| 3/07/2025  |
| 4/07/2025  |
| 5/07/2025  |
| 6/07/2025  |
| 7/07/2025  |
| 8/07/2025  |
| 9/07/2025  |
| 10/07/2025 |
| 11/07/2025 |
| 12/07/2025 |
| 13/07/2025 |
| 14/07/2025 |
| 15/07/2025 |
| 16/07/2025 |
| 17/07/2025 |
| 18/07/2025 |
| 19/07/2025 |
| 20/07/2025 |
| 21/07/2025 |
| 22/07/2025 |
| 23/07/2025 |
| 24/07/2025 |
| 25/07/2025 |
| 26/07/2025 |
| 27/07/2025 |
| 28/07/2025 |
| 29/07/2025 |
| 30/07/2025 |
| 31/07/2025 |

| EPL 43 *                      | EPL 50 ^ |
|-------------------------------|----------|
| Discharge volume (Megalitres) |          |
| 0.34                          | -        |
| -                             | -        |
| 0.87                          | 0.62     |
| -                             | 0.72     |
| -                             | 0.68     |
| -                             | 0.30     |
| 2.11                          | 0.92     |
| -                             | -        |
| -                             | -        |
| 0.57                          | -        |
| 0.32                          | -        |
| 0.67                          | -        |
| 0.70                          | -        |
| 0.37                          | 0.87     |
| -                             | 0.46     |
| -                             | 0.58     |
| 0.44                          | 0.81     |
| -                             | 0.55     |
| -                             | -        |
| 0.58                          | 0.20     |
| -                             | 0.10     |
| 0.83                          | 0.16     |
| 0.46                          | 0.84     |
| 0.99                          | 0.50     |
| -                             | 0.53     |
| -                             | 0.73     |
| -                             | 0.93     |
| 1.00                          | 1.17     |
| -                             | 1.13     |
| 1.02                          | 0.76     |
| -                             | 0.44     |

| EPL 44                        | EPL 45 | EPL 47 | EPL 48 | EPL 49 |
|-------------------------------|--------|--------|--------|--------|
| Discharge volume (Megalitres) |        |        |        |        |
| 0.01                          | 0.06   | 0.23   | 0.07   | 0.002  |
| 0.01                          | 0.06   | 0.18   | 0.01   | 0.002  |
| 0.01                          | 0.06   | 0.16   | 0.01   | 0.002  |
| 0.61                          | 0.06   | 0.15   | 0.01   | 0.002  |
| 0.14                          | 0.04   | 0.26   | 0.30   | 0.03   |
| 0.30                          | 0.06   | 0.26   | 0.08   | 0.03   |
| 0.41                          | 0.06   | 0.20   | 0.14   | 0.05   |
| 0.35                          | 0.06   | 0.28   | 0.07   | 0.01   |
| 0.28                          | 0.07   | 0.22   | 0.06   | 0.003  |
| 0.57                          | 0.10   | 0.24   | 0.03   | 0.02   |
| 0.15                          | 0.05   | 0.22   | 0.10   | 0.23   |
| 0.24                          | 0.06   | 0.27   | 0.06   | 0.001  |
| 0.60                          | 0.02   | 0.27   | 0.08   | 0.002  |
| 0.26                          | 0.05   | 0.13   | 0.07   | 0.004  |
| 0.38                          | 0.05   | 0.19   | 0.08   | 0.01   |
| 0.34                          | 0.05   | 0.19   | 0.08   | 0.03   |
| 0.43                          | 0.06   | 0.24   | 0.08   | 0.02   |
| 0.24                          | 0.06   | 0.37   | 0.09   | 0.01   |
| 0.58                          | 0.07   | 0.10   | 0.08   | 0.03   |
| 0.47                          | 0.08   | 0.26   | 0.08   | 0.004  |
| 0.34                          | 0.06   | 0.25   | 0.07   | 0.02   |
| 0.53                          | 0.09   | 0.24   | 0.08   | 0.16   |
| 0.43                          | 0.12   | 0.24   | 0.07   | 0.08   |
| 0.23                          | 0.07   | 0.26   | 0.09   | 0.03   |
| 0.52                          | 0.09   | 0.26   | 0.13   | 0.004  |
| 0.01                          | 0.07   | 0.34   | 0.03   | 0.019  |
| 0.39                          | 0.08   | 0.19   | 0.14   | 0.004  |
| 0.26                          | 0.07   | 0.26   | 0.08   | 0.006  |
| 0.40                          | 0.08   | 0.22   | 0.09   | 0.007  |
| 0.48                          | 0.09   | 0.31   | 0.09   | 0.002  |
| 0.56                          | 0.07   | 0.29   | 0.09   | 0.06   |

- Water not discharged on this day
- Note: The EPL discharge volume limit for EPL 43 and 50 is 4.32 megalitres per day. Compliance with this criteria was met during the reporting month.
- \* The maximum flow rate capacity for Lobs Hole STP/PWTP during the reporting month was 6.94 L/s
- ^ The maximum flow rate capacity for Tantangara STP/PWTP during the reporting month was 3.47 L/s



Snowy Hydro 2.0 Main Works EPL Sampling: 01 - 31 August 2025

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environmental Protection Licence No:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 21266                                                                                                                                                                                                                                                                                                                                                                   |
| Licensee:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Snowy Hydro Limited                                                                                                                                                                                                                                                                                                                                                     |
| Licensee address:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PO Box 332, Cooma, NSW 2630                                                                                                                                                                                                                                                                                                                                             |
| Premises:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Snowy 2.0 Pumped Hydro Power Station Talbingo and Tantangara, Kosciuszko National Park and Rock Forest, Kosciuszko NSW 2642                                                                                                                                                                                                                                             |
| EPA Public Register:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21266&amp;id=21266&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21266&amp;id=21266&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a> |
| Monthly water sampling and analysis is performed as part of the Snowy 2.0 Approval Conditions, Environmental Protection Licence No 21266 - Variation 23 July 2025, and the approved Water Management Plan to ensure that works are not impacting on nearby receiving waters.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                         |
| A map showing the location of each of the EPL named sampling points is provided after the results tables.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                         |
| <p><b>Groundwater Results:</b> In August, we were unable to sample locations EPL2, EPL4, and EPL25 due to flooding in their surrounding areas, which compromised the accurate representation of conditions in these locations. At EPL1, we observed an increase in Total Nitrogen and Nitrite + Nitrate as N concentrations, alongside a significant decrease in total phosphorus levels during this previous quarter period.</p> <p>In contrast, locations for sites such as GFO1, LHG, and Ravine Bay in Lobs Hole exhibited stable concentrations consistent with previous reports. Meanwhile, EPL58 and EPL95, located downstream of GFO1, continue to show the highest concentrations in the area. In the LHG region, locations including EPL81, EPL83, EPL87, and EPL89 reported Total Kjeldahl Nitrogen concentrations ranging from 500 µg/L to 1000 µg/L.</p> <p>Sampling points in Tantangara maintained stable pH levels between 6.1 and 6.7, although we noted an increase in NTU, likely due to the 115.4 mm of precipitation that fell in the area. Notably, EPL105 recorded the highest Total Nitrogen concentration of 4200 µg/L.</p> <p><b>Reservoir Results:</b> For this period, sampling points within the Talbingo Reservoir showed a slight increase in Ammonia concentrations for EPL10, with a concentration of 30 µg/L, compared to EPL11, which met its WQO. However, for Nitrite + Nitrate as N (NOx), concentrations were reported between 40 µg/L and 50 µg/L, which is also the case for locations within the Tantangara Reservoir.</p> <p>While the majority of sampling points remained within the acceptable limits for Total Nitrogen, some, such as EPL32, showed a slight uptick, registering a concentration of 400 µg/L. Additionally, several sites, including EPL11, EPL39, and EPL51, recorded a slight increase in Total Phosphorus, with concentrations ranging from 20 µg/L to 40 µg/L. However, these values are consistent with historical data and align with baseline water quality results, indicating stability in the overall water quality within the Reservoirs.</p> <p><b>Surface Water Results:</b> In August, some locations, including EPL5, EPL30, EPL31, EPL33, and EPL34, recorded high pH concentrations, which are within their historical ranges, fluctuating between 8.0 and 8.16. Meanwhile, EPL24, EPL55, and EPL122 continue to show the highest surface water concentrations in Lobs Hole. This is likely attributed to their location downstream of the GF01 leachate area. These locations remain under TARP conditions and are monitored weekly.</p> <p>Kellys Plain Creek locations, such as EPL30 and EPL31, recorded a slight increase in Dissolved Aluminium concentrations. Additionally, Total Nitrogen concentrations at locations like EPL33, EPL34, EPL36, and EPL37, which were between 200 µg/L and 500 µg/L, were influenced by Total Kjeldahl Nitrogen, which recorded similar concentration levels. As for the leachate storage locations, they maintain their conditions and are continuously monitored for water reuse once they meet the criteria.</p> <p><b>Discharge Results:</b> Results for the discharge locations met the adopted Water Quality Objectives (WQOs) during the discharge periods.</p> |                                                                                                                                                                                                                                                                                                                                                                         |

The publication of this pollution monitoring data is carried out in accordance with section 66 (6) of the Protection of the Environment Operations Act 1997 (NSW).

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**Snowy Hydro 2.0 Main Works**  
**Monthly EPI Sampling: 01-31 August 2025 - Groundwater**

| Monthly EPA Sampling: 01-31 August 2025 - Groundwater |       |    |            |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |     |
|-------------------------------------------------------|-------|----|------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-----|
| Analysis                                              |       |    | EPI1       | EPI2 | EPI4 | EPI26 | EPI35 | EPI27 | EPI38 | EPI28 | EPI39 | EPI70 | EPI72 | EPI80 | EPI82 | EPI83 | EPI87 | EPI88 | EPI89 | EPI 90 | EPI 10 | EPI32 | EPI33 | EPI36 | EPI37 | EPI38 | EPI104 | EPI105 | EPI112 | EPI114 | EPI115 | EPI116 | EPI127 |     |
| Water Quality Objective Value*                        |       |    | 21/08/2025 |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |     |
| Alkalinity (mg/L)                                     | mg/L  | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Calcium (mg/L)                                        | mg/L  | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Chloride (mg/L)                                       | mg/L  | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Conductivity (µS/cm)                                  | µS/cm | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Dissolved Oxygen (mg/L)                               | mg/L  | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Hardness (mg/L)                                       | mg/L  | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Iron (mg/L)                                           | mg/L  | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Lead (mg/L)                                           | mg/L  | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Mercury (mg/L)                                        | mg/L  | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Nitrate (mg/L)                                        | mg/L  | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Nitrite (mg/L)                                        | mg/L  | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Phosphate (mg/L)                                      | mg/L  | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Sulfate (mg/L)                                        | mg/L  | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Total Dissolved Solids (mg/L)                         | mg/L  | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Total Suspended Solids (mg/L)                         | mg/L  | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Turbidity (NTU)                                       | NTU   | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Water Temperature (°C)                                | °C    | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Water Quality Objective Value*                        |       |    |            |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |     |
| Alkalinity (mg/L)                                     | mg/L  | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Calcium (mg/L)                                        | mg/L  | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Chloride (mg/L)                                       | mg/L  | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Conductivity (µS/cm)                                  | µS/cm | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Dissolved Oxygen (mg/L)                               | mg/L  | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Hardness (mg/L)                                       | mg/L  | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Iron (mg/L)                                           | mg/L  | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Lead (mg/L)                                           | mg/L  | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Mercury (mg/L)                                        | mg/L  | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Nitrate (mg/L)                                        | mg/L  | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Nitrite (mg/L)                                        | mg/L  | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Phosphate (mg/L)                                      | mg/L  | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Sulfate (mg/L)                                        | mg/L  | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Total Dissolved Solids (mg/L)                         | mg/L  | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Total Suspended Solids (mg/L)                         | mg/L  | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Turbidity (NTU)                                       | NTU   | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Water Temperature (°C)                                | °C    | 10 | 120        | 120  | 120  | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120   | 120   | 120   | 120   | 120   | 120    | 120    | 120    | 120    | 120    | 120    | 120    | 120 |
| Water Quality Objective Value*                        |       |    |            |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |     |

\* Water Quality Objective values for groundwater refer to the default trigger values for physical and chemical constituents in south-east Australia (updated 2021) for the protection of RPE of aquatic species (NSWCC, 2020). They are not groundwater-specific trigger values.  
 Sample not required at this location.

**Snowy Hydro 2.0 Main Works**  
**Monthly EPL Sampling: 01-31 August 2025 - Talbingo and Tantangara Reservoir**

| Analyte                                   | Unit         | Limit of Reporting | Water Quality Objective Value*   |
|-------------------------------------------|--------------|--------------------|----------------------------------|
| <b>Field</b>                              |              |                    |                                  |
| pH                                        | pH Unit      | -                  | 6.5-8                            |
| Electrical Conductivity                   | µS/cm        | -                  | 20-30                            |
| Oxidation Reduction Potential             | mV           | -                  | No Water Quality Objective Value |
| Temperature                               | °C           | -                  | No Water Quality Objective Value |
| Dissolved Oxygen                          | % saturation | -                  | 90-110                           |
| Turbidity                                 | NTU          | -                  | 1-20                             |
| <b>Laboratory analytes</b>                |              |                    |                                  |
| Total suspended solids                    | mg/L         | 5                  | No Water Quality Objective Value |
| Hardness as CaCO <sub>3</sub>             | mg/L         | 1                  | No Water Quality Objective Value |
| <b>Nutrients</b>                          |              |                    |                                  |
| Ammonia as N                              | µg/L         | 10                 | 10                               |
| Nitrite + Nitrate as N (NO <sub>x</sub> ) | µg/L         | 10                 | 10                               |
| Kjeldahl Nitrogen Total                   | µg/L         | 100                | No Water Quality Objective Value |
| Nitrogen (Total)                          | µg/L         | 100                | 350                              |
| Reactive Phosphorus                       | µg/L         | 1                  | 5                                |
| Phosphorus (Total)                        | µg/L         | 10                 | 10                               |
| <b>Inorganics</b>                         |              |                    |                                  |
| Cyanide Total                             | µg/L         | 4                  | 7                                |
| <b>Hydrocarbons</b>                       |              |                    |                                  |
| Oil and Grease                            | mg/L         | 1                  | 5                                |
| <b>Metals</b>                             |              |                    |                                  |
| Aluminium (dissolved)                     | µg/L         | 5                  | 55                               |
| Arsenic (dissolved)                       | µg/L         | 0.2                | 13                               |
| Chromium (III+VI) (dissolved)             | µg/L         | 0.2                | 1                                |
| Copper (dissolved)                        | µg/L         | 0.5                | 14                               |
| Iron (dissolved)                          | µg/L         | 2                  | 300                              |
| Lead (dissolved)                          | µg/L         | 0.1                | 3.4                              |
| Manganese (dissolved)                     | µg/L         | 0.5                | 1,900                            |
| Nickel (dissolved)                        | µg/L         | 0.5                | 11                               |
| Silver (dissolved)                        | µg/L         | 0.01               | 0.05                             |
| Zinc (dissolved)                          | µg/L         | 1                  | 8                                |
| <b>Biological</b>                         |              |                    |                                  |
| Faecal Coliforms                          | CFU/100mL    | 1                  | 10/100 <sup>**</sup>             |
| Biochemical Oxygen Demand                 | mg/L         | 2                  | 1/5 <sup>**</sup>                |

| EPL10      | EPL11      | EPL28     | EPL29     | EPL32     | EPL38     | EPL39     | EPL40     | EPL46     | EPL51     | EPL107     | EPL108     | EPL109     |
|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|
| 20/08/2025 | 20/08/2025 | 6/08/2025 | 6/08/2025 | 6/08/2025 | 6/08/2025 | 2/08/2025 | 6/08/2025 | 6/08/2025 | 6/08/2025 | 20/08/2025 | 20/08/2025 | 20/08/2025 |
| 7.74       | 7.9        | 7.29      | 6.93      | 6.9       | 6.91      | 7.66      | 6.97      | 6.9       | 6.93      | 8.25       | 8.16       | 7.96       |
| 50         | 41         | 22        | 21        | 22        | 20        | 19        | 16        | 23        | 22        | 70         | 44         | 36         |
| 227        | 207        | 205       | 239       | 239       | 233       | 233       | 222       | 243       | 239       | 141        | 175        | 192        |
| 8.37       | 7.77       | 5.73      | 4.93      | 4.89      | 4.98      | 5.16      | 5.54      | 4.89      | 4.86      | 6.9        | 6.94       | 7.53       |
| 61         | 66.3       | 92.9      | 91.4      | 72.5      | 68.1      | 86.2      | 77.2      | 86.1      | 91.3      | 83.2       | 74.9       | 72         |
| 2.7        | 0.3        | 12.8      | 7.2       | 6.1       | 6.8       | 3.7       | 4.9       | 6.3       | 7         | 17.9       | 6          | 6.7        |
| <5         | <5         | <5        | <5        | <5        | <5        | <5        | <5        | 7         | <5        | <5         | <5         | <5         |
| 19         | 14         | 2         | 2         | 2         | 2         | <1        | <1        | 2         | 2         | 12         | 12         | 12         |
| 30         | <10        | 20        | 30        | 30        | 20        | <10       | <10       | 30        | 30        | <10        | <10        | <10        |
| 50         | 50         | 40        | 40        | 50        | 40        | 10        | 10        | 40        | 40        | 40         | 40         | 40         |
| 200        | <100       | 200       | 200       | 300       | 200       | 200       | 100       | 200       | 200       | 100        | <100       | <100       |
| 200        | <100       | 200       | 200       | 400       | 200       | 200       | 100       | 200       | 200       | 100        | <100       | <100       |
| <10        | <10        | <10       | <10       | <10       | <10       | <10       | <10       | <10       | <10       | <10        | <10        | <10        |
| 10         | 20         | <10       | <10       | <10       | 10        | 40        | <10       | 10        | 20        | <10        | <10        | <10        |
| <4         | <4         | <4        | <4        | <4        | <4        | <4        | <4        | <4        | <4        | <4         | <4         | <4         |
| <1.0       | <1.0       | <1.0      | <1.0      | <1.0      | <1.0      | <1.0      | <1.0      | <1.0      | <1.0      | <1.0       | <1.0       | <1.0       |
| 10         | 9          | 50        | 54        | 55        | 50        | 40        | 27        | 52        | 55        | 8          | 7          | 6          |
| 0.3        | 0.2        | <0.2      | <0.2      | <0.2      | <0.2      | <0.2      | <0.2      | <0.2      | <0.2      | 0.2        | 0.2        | <0.2       |
| <0.2       | <0.2       | 0.2       | 0.3       | 0.3       | 0.2       | <0.2      | 0.2       | 0.3       | 0.3       | <0.2       | <0.2       | <0.2       |
| <0.5       | <0.5       | <0.5      | <0.5      | <0.5      | <0.5      | <0.5      | <0.5      | <0.5      | <0.5      | <0.5       | <0.5       | <0.5       |
| 50         | 15         | 63        | 69        | 81        | 71        | 25        | 30        | 84        | 83        | 11         | 10         | 8          |
| <0.1       | <0.1       | <0.1      | <0.1      | <0.1      | <0.1      | 0.1       | <0.1      | <0.1      | <0.1      | <0.1       | <0.1       | <0.1       |
| 47.6       | 3.2        | 7.1       | 7.6       | 9.5       | 8.4       | 3.5       | 4.5       | 10.5      | 10.3      | 1.3        | 0.8        | <0.5       |
| <0.5       | <0.5       | <0.5      | <0.5      | <0.5      | <0.5      | <0.5      | <0.5      | <0.5      | <0.5      | <0.5       | <0.5       | <0.5       |
| <0.01      | <0.01      | <0.01     | <0.01     | <0.01     | <0.01     | <0.01     | <0.01     | <0.01     | <0.01     | <0.01      | <0.01      | <0.01      |
| <1         | <1         | <1        | <1        | <1        | <1        | <1        | <1        | <1        | <1        | <1         | <1         | <1         |
| 2          | 2          | <1        | -         | -         | -         | -         | -         | -         | 23        | -          | -          | -          |
| <2         | <2         | 2         | -         | -         | -         | -         | -         | -         | 3         | -          | -          | -          |

\* Water Quality Objective values for Talbingo and Tantangara Reservoir refer to the default trigger values for physical and chemical stressors in south-east Australia (fresh lakes and reservoirs) for the protection of 95% of aquatic species ANZECC / ARMCANZ (2000), they are not pollutant limits imposed by EPL 21266.

\*\* Algal blooms can present as faecal coliforms

^ 90th percentile concentration limits / 100 percentile concentration limits

- Sample not required at this location.

Snowy Hydro 2.0 Main Works  
Monthly EPL Sampling: 01-31 August 2025 - Surface Water

| Analysite | Unit | Limit of Reporting | Water Quality Objective Value* | EPL1 | EPL2 | EPL3 | EPL4 | EPL5 | EPL6 | EPL7 | EPL8 | EPL9 | EPL10 | EPL11 | EPL12 | EPL13 | EPL14 | EPL15 | EPL16 | EPL17 | EPL18 | EPL19 | EPL20 | EPL21 | EPL22 | EPL23 | EPL24 | EPL25 | EPL26 | EPL27 | EPL28 | EPL29 | EPL30 | EPL31 | EPL32 | EPL33 | EPL34 | EPL35 | EPL36 | EPL37 | EPL38 | EPL39 | EPL40 | EPL41 | EPL42 | EPL43 | EPL44 | EPL45 | EPL46 | EPL47 | EPL48 | EPL49 | EPL50 | EPL51 | EPL52 | EPL53 | EPL54 | EPL55 | EPL56 | EPL57 | EPL58 | EPL59 | EPL60 | EPL61 | EPL62 | EPL63 | EPL64 | EPL65 | EPL66 | EPL67 | EPL68 | EPL69 | EPL70 | EPL71 | EPL72 | EPL73 | EPL74 | EPL75 | EPL76 | EPL77 | EPL78 | EPL79 | EPL80 | EPL81 | EPL82 | EPL83 | EPL84 | EPL85 | EPL86 | EPL87 | EPL88 | EPL89 | EPL90 | EPL91 | EPL92 | EPL93 | EPL94 | EPL95 | EPL96 | EPL97 | EPL98 | EPL99 | EPL100 | EPL101 | EPL102 | EPL103 | EPL104 | EPL105 | EPL106 | EPL107 | EPL108 | EPL109 | EPL110 | EPL111 | EPL112 | EPL113 | EPL114 | EPL115 | EPL116 | EPL117 | EPL118 | EPL119 | EPL120 | EPL121 | EPL122 | EPL123 | EPL124 | EPL125 | EPL126 | EPL127 | EPL128 | EPL129 | EPL130 | EPL131 | EPL132 | EPL133 | EPL134 | EPL135 | EPL136 | EPL137 | EPL138 | EPL139 | EPL140 | EPL141 | EPL142 | EPL143 | EPL144 | EPL145 | EPL146 | EPL147 | EPL148 | EPL149 | EPL150 | EPL151 | EPL152 | EPL153 | EPL154 | EPL155 | EPL156 | EPL157 | EPL158 | EPL159 | EPL160 | EPL161 | EPL162 | EPL163 | EPL164 | EPL165 | EPL166 | EPL167 | EPL168 | EPL169 | EPL170 | EPL171 | EPL172 | EPL173 | EPL174 | EPL175 | EPL176 | EPL177 | EPL178 | EPL179 | EPL180 | EPL181 | EPL182 | EPL183 | EPL184 | EPL185 | EPL186 | EPL187 | EPL188 | EPL189 | EPL190 | EPL191 | EPL192 | EPL193 | EPL194 | EPL195 | EPL196 | EPL197 | EPL198 | EPL199 | EPL200 | EPL201 | EPL202 | EPL203 | EPL204 | EPL205 | EPL206 | EPL207 | EPL208 | EPL209 | EPL210 | EPL211 | EPL212 | EPL213 | EPL214 | EPL215 | EPL216 | EPL217 | EPL218 | EPL219 | EPL220 | EPL221 | EPL222 | EPL223 | EPL224 | EPL225 | EPL226 | EPL227 | EPL228 | EPL229 | EPL230 | EPL231 | EPL232 | EPL233 | EPL234 | EPL235 | EPL236 | EPL237 | EPL238 | EPL239 | EPL240 | EPL241 | EPL242 | EPL243 | EPL244 | EPL245 | EPL246 | EPL247 | EPL248 | EPL249 | EPL250 | EPL251 | EPL252 | EPL253 | EPL254 | EPL255 | EPL256 | EPL257 | EPL258 | EPL259 | EPL260 | EPL261 | EPL262 | EPL263 | EPL264 | EPL265 | EPL266 | EPL267 | EPL268 | EPL269 | EPL270 | EPL271 | EPL272 | EPL273 | EPL274 | EPL275 | EPL276 | EPL277 | EPL278 | EPL279 | EPL280 | EPL281 | EPL282 | EPL283 | EPL284 | EPL285 | EPL286 | EPL287 | EPL288 | EPL289 | EPL290 | EPL291 | EPL292 | EPL293 | EPL294 | EPL295 | EPL296 | EPL297 | EPL298 | EPL299 | EPL300 | EPL301 | EPL302 | EPL303 | EPL304 | EPL305 | EPL306 | EPL307 | EPL308 | EPL309 | EPL310 | EPL311 | EPL312 | EPL313 | EPL314 | EPL315 | EPL316 | EPL317 | EPL318 | EPL319 | EPL320 | EPL321 | EPL322 | EPL323 | EPL324 | EPL325 | EPL326 | EPL327 | EPL328 | EPL329 | EPL330 | EPL331 | EPL332 | EPL333 | EPL334 | EPL335 | EPL336 | EPL337 | EPL338 | EPL339 | EPL340 | EPL341 | EPL342 | EPL343 | EPL344 | EPL345 | EPL346 | EPL347 | EPL348 | EPL349 | EPL350 | EPL351 | EPL352 | EPL353 | EPL354 | EPL355 | EPL356 | EPL357 | EPL358 | EPL359 | EPL360 | EPL361 | EPL362 | EPL363 | EPL364 | EPL365 | EPL366 | EPL367 | EPL368 | EPL369 | EPL370 | EPL371 | EPL372 | EPL373 | EPL374 | EPL375 | EPL376 | EPL377 | EPL378 | EPL379 | EPL380 | EPL381 | EPL382 | EPL383 | EPL384 | EPL385 | EPL386 | EPL387 | EPL388 | EPL389 | EPL390 | EPL391 | EPL392 | EPL393 | EPL394 | EPL395 | EPL396 | EPL397 | EPL398 | EPL399 | EPL400 | EPL401 | EPL402 | EPL403 | EPL404 | EPL405 | EPL406 | EPL407 | EPL408 | EPL409 | EPL410 | EPL411 | EPL412 | EPL413 | EPL414 | EPL415 | EPL416 | EPL417 | EPL418 | EPL419 | EPL420 | EPL421 | EPL422 | EPL423 | EPL424 | EPL425 | EPL426 | EPL427 | EPL428 | EPL429 | EPL430 | EPL431 | EPL432 | EPL433 | EPL434 | EPL435 | EPL436 | EPL437 | EPL438 | EPL439 | EPL440 | EPL441 | EPL442 | EPL443 | EPL444 | EPL445 | EPL446 | EPL447 | EPL448 | EPL449 | EPL450 | EPL451 | EPL452 | EPL453 | EPL454 | EPL455 | EPL456 | EPL457 | EPL458 | EPL459 | EPL460 | EPL461 | EPL462 | EPL463 | EPL464 | EPL465 | EPL466 | EPL467 | EPL468 | EPL469 | EPL470 | EPL471 | EPL472 | EPL473 | EPL474 | EPL475 | EPL476 | EPL477 | EPL478 | EPL479 | EPL480 | EPL481 | EPL482 | EPL483 | EPL484 | EPL485 | EPL486 | EPL487 | EPL488 | EPL489 | EPL490 | EPL491 | EPL492 | EPL493 | EPL494 | EPL495 | EPL496 | EPL497 | EPL498 | EPL499 | EPL500 | EPL501 | EPL502 | EPL503 | EPL504 | EPL505 | EPL506 | EPL507 | EPL508 | EPL509 | EPL510 | EPL511 | EPL512 | EPL513 | EPL514 | EPL515 | EPL516 | EPL517 | EPL518 | EPL519 | EPL520 | EPL521 | EPL522 | EPL523 | EPL524 | EPL525 | EPL526 | EPL527 | EPL528 | EPL529 | EPL530 | EPL531 | EPL532 | EPL533 | EPL534 | EPL535 | EPL536 | EPL537 | EPL538 | EPL539 | EPL540 | EPL541 | EPL542 | EPL543 | EPL544 | EPL545 | EPL546 | EPL547 | EPL548 | EPL549 | EPL550 | EPL551 | EPL552 | EPL553 | EPL554 | EPL555 | EPL556 | EPL557 | EPL558 | EPL559 | EPL560 | EPL561 | EPL562 | EPL563 | EPL564 | EPL565 | EPL566 | EPL567 | EPL568 | EPL569 | EPL570 | EPL571 | EPL572 | EPL573 | EPL574 | EPL575 | EPL576 | EPL577 | EPL578 | EPL579 | EPL580 | EPL581 | EPL582 | EPL583 | EPL584 | EPL585 | EPL586 | EPL587 | EPL588 | EPL589 | EPL590 | EPL591 | EPL592 | EPL593 | EPL594 | EPL595 | EPL596 | EPL597 | EPL598 | EPL599 | EPL600 | EPL601 | EPL602 | EPL603 | EPL604 | EPL605 | EPL606 | EPL607 | EPL608 | EPL609 | EPL610 | EPL611 | EPL612 | EPL613 | EPL614 | EPL615 | EPL616 | EPL617 | EPL618 | EPL619 | EPL620 | EPL621 | EPL622 | EPL623 | EPL624 | EPL625 | EPL626 | EPL627 | EPL628 | EPL629 | EPL630 | EPL631 | EPL632 | EPL633 | EPL634 | EPL635 | EPL636 | EPL637 | EPL638 | EPL639 | EPL640 | EPL641 | EPL642 | EPL643 | EPL644 | EPL645 | EPL646 | EPL647 | EPL648 | EPL649 | EPL650 | EPL651 | EPL652 | EPL653 | EPL654 | EPL655 | EPL656 | EPL657 | EPL658 | EPL659 | EPL660 | EPL661 | EPL662 | EPL663 | EPL664 | EPL665 | EPL666 | EPL667 | EPL668 | EPL669 | EPL670 | EPL671 | EPL672 | EPL673 | EPL674 | EPL675 | EPL676 | EPL677 | EPL678 | EPL679 | EPL680 | EPL681 | EPL682 | EPL683 | EPL684 | EPL685 | EPL686 | EPL687 | EPL688 | EPL689 | EPL690 | EPL691 | EPL692 | EPL693 | EPL694 | EPL695 | EPL696 | EPL697 | EPL698 | EPL699 | EPL700 | EPL701 | EPL702 | EPL703 | EPL704 | EPL705 | EPL706 | EPL707 | EPL708 | EPL709 | EPL710 | EPL711 | EPL712 | EPL713 | EPL714 | EPL715 | EPL716 | EPL717 | EPL718 | EPL719 | EPL720 | EPL721 | EPL722 | EPL723 | EPL724 | EPL725 | EPL726 | EPL727 | EPL728 | EPL729 | EPL730 | EPL731 | EPL732 | EPL733 | EPL734 | EPL735 | EPL736 | EPL737 | EPL738 | EPL739 | EPL740 | EPL741 | EPL742 | EPL743 | EPL744 | EPL745 | EPL746 | EPL747 | EPL748 | EPL749 | EPL750 | EPL751 | EPL752 | EPL753 | EPL754 | EPL755 | EPL756 | EPL757 | EPL758 | EPL759 | EPL760 | EPL761 | EPL762 | EPL763 | EPL764 | EPL765 | EPL766 | EPL767 | EPL768 | EPL769 | EPL770 | EPL771 | EPL772 | EPL773 | EPL774 | EPL775 | EPL776 | EPL777 | EPL778 | EPL779 | EPL780 | EPL781 | EPL782 | EPL783 | EPL784 | EPL785 | EPL786 | EPL787 | EPL788 | EPL789 | EPL790 | EPL791 | EPL792 | EPL793 | EPL794 | EPL795 | EPL796 | EPL797 | EPL798 | EPL799 | EPL800 | EPL801 | EPL802 | EPL803 | EPL804 | EPL805 | EPL806 | EPL807 | EPL808 | EPL809 | EPL810 | EPL811 | EPL812 | EPL813 | EPL814 | EPL815 | EPL816 | EPL817 | EPL818 | EPL819 | EPL820 | EPL821 | EPL822 | EPL823 | EPL824 | EPL825 | EPL826 | EPL827 | EPL828 | EPL829 | EPL830 | EPL831 | EPL832 | EPL833 | EPL834 | EPL835 | EPL836 | EPL837 | EPL838 | EPL839 | EPL840 | EPL841 | EPL842 | EPL843 | EPL844 | EPL845 | EPL846 | EPL847 | EPL848 | EPL849 | EPL850 | EPL851 | EPL852 | EPL853 | EPL854 | EPL855 | EPL856 | EPL857 | EPL858 | EPL859 | EPL860 | EPL861 | EPL862 | EPL863 | EPL864 | EPL865 | EPL866 | EPL867 | EPL868 | EPL869 | EPL870 | EPL871 | EPL872 | EPL873 | EPL874 | EPL875 | EPL876 | EPL877 | EPL878 | EPL879 | EPL880 | EPL881 | EPL882 | EPL883 | EPL884 | EPL885 | EPL886 | EPL887 | EPL888 | EPL889 | EPL890 | EPL891 | EPL892 | EPL893 | EPL894 | EPL895 | EPL896 | EPL897 | EPL898 | EPL899 | EPL900 | EPL901 | EPL902 | EPL903 | EPL904 | EPL905 | EPL906 | EPL907 | EPL908 | EPL909 | EPL910 | EPL911 | EPL912 | EPL913 | EPL914 | EPL915 | EPL916 | EPL917 | EPL918 | EPL919 | EPL920 | EPL921 | EPL922 | EPL923 | EPL924 | EPL925 | EPL926 | EPL927 | EPL928 | EPL929 | EPL930 | EPL931 | EPL932 | EPL933 | EPL934 | EPL935 | EPL936 | EPL937 | EPL938 | EPL939 | EPL940 | EPL941 | EPL942 | EPL943 | EPL944 | EPL945 | EPL946 | EPL947 | EPL948 | EPL949 | EPL950 | EPL951 | EPL952 | EPL953 | EPL954 | EPL955 | EPL956 | EPL957 | EPL958 | EPL959 | EPL960 | EPL961 | EPL962 | EPL963 | EPL964 | EPL965 | EPL966 | EPL967 | EPL968 | EPL969 | EPL970 | EPL971 | EPL972 | EPL973 | EPL974 | EPL975 | EPL976 | EPL977 | EPL978 | EPL979 | EPL980 | EPL981 | EPL982 | EPL983 | EPL984 | EPL985 | EPL986 | EPL987 | EPL988 | EPL989 | EPL990 | EPL991 | EPL992 | EPL993 | EPL994 | EPL995 | EPL996 | EPL997 | EPL998 | EPL999 | EPL1000 | EPL1001 | EPL1002 | EPL1003 | EPL1004 | EPL1005 | EPL1006 | EPL1007 | EPL1008 | EPL1009 | EPL1010 | EPL1011 | EPL1012 | EPL1013 | EPL1014 | EPL1015 | EPL1016 | EPL1017 | EPL1018 | EPL1019 | EPL1020 | EPL1021 | EPL1022 | EPL1023 | EPL1024 | EPL1025 | EPL1026 | EPL1027 | EPL1028 | EPL1029 | EPL1030 | EPL1031 | EPL1032 | EPL1033 | EPL1034 | EPL1035 | EPL1036 | EPL1037 | EPL1038 | EPL1039 | EPL1040 | EPL1041 | EPL1042 | EPL1043 | EPL1044 | EPL1045 | EPL1046 | EPL1047 | EPL1048 | EPL1049 | EPL1050 | EPL1051 | EPL1052 | EPL1053 | EPL1054 | EPL1055 | EPL1056 | EPL1057 | EPL1058 | EPL1059 | EPL1060 | EPL1061 | EPL1062 | EPL1063 | EPL1064 | EPL1065 | EPL1066 | EPL1067 | EPL1068 | EPL1069 | EPL1070 | EPL1071 | EPL1072 | EPL1073 | EPL1074 | EPL1075 | EPL1076 | EPL1077 | EPL1078 | EPL1079 | EPL1080 | EPL1081 | EPL1082 | EPL1083 | EPL1084 | EPL1085 | EPL1086 | EPL1087 | EPL1088 | EPL1089 | EPL1090 | EPL1091 | EPL1092 | EPL1093 | EPL1094 | EPL1095 | EPL1096 | EPL1097 | EPL1098 | EPL1099 | EPL1100 | EPL1101 | EPL1102 | EPL1103 | EPL1104 | EPL1105 | EPL1106 | EPL1107 | EPL1108 | EPL1109 | EPL1110 | EPL1111 | EPL1112 | EPL1113 | EPL1114 | EPL1115 | EPL1116 | EPL1117 | EPL1118 | EPL1119 | EPL1120 | EPL1121 | EPL1122 | EPL1123 | EPL1124 | EPL1125 | EPL1126 | EPL1127 | EPL1128 | EPL1129 | EPL1130 | EPL1131 | EPL1132 | EPL1133 | EPL1134 | EPL1135 | EPL1136 | EPL1137 | EPL1138 | EPL1139 | EPL1140 | EPL1141 | EPL1142 | EPL1143 | EPL1144 | EPL1145 | EPL1146 | EPL1147 | EPL1148 | EPL1149 | EPL1150 | EPL1151 | EPL1152 | EPL1153 | EPL1154 | EPL1155 | EPL1156 | EPL1157 | EPL1158 | EPL1159 | EPL1160 | EPL1161 | EPL1162 | EPL1163 | EPL1164 | EPL1165 | EPL1166 | EPL1167 | EPL1168 | EPL1169 | EPL1170 | EPL1171 | EPL1172 | EPL1173 | EPL1174 | EPL1175 | EPL1176 | EPL1177 | EPL1178 | EPL1179 | EPL1180 | EPL1181 | EPL1182 | EPL1183 | EPL1184 | EPL1185 | EPL1186 | EPL1187 | EPL1188 | EPL1189 | EPL1190 | EPL1191 | EPL1192 | EPL1193 | EPL1194 | EPL1195 | EPL1196 | EPL1197 | EPL1198 | EPL1199 | EPL1200 | EPL1201 | EPL1202 | EPL1203 | EPL1204 | EPL1205 | EPL1206 | EPL1207 | EPL1208 | EPL1209 | EPL1210 | EPL1211 | EPL1212 | EPL1213 | EPL1214 | EPL1215 | EPL1216 | EPL1217 | EPL1218 | EPL1219 | EPL1220 | EPL1221 | EPL1222 | EPL1223 | EPL1224 | EPL1225 | EPL1226 | EPL1227 | EPL1228 | EPL1229 | EPL1230 | EPL1231 | EPL1232 | EPL1233 | EPL1234 | EPL1235 | EPL1236 | EPL1237 | EPL1238 | EPL1239 | EPL1240 | EPL1241 | EPL1242 | EPL1243 | EPL1244 | EPL1245 | EPL1246 | EPL1247 | EPL1248 | EPL1249 | EPL1250 | EPL1251 | EPL1252 | EPL1253 | EPL1254 | EPL1255 | EPL1256 | EPL1257 | EPL1258 | EPL1259 | EPL1260 | EPL1261 | EPL1262 | EPL1263 | EPL1264 | EPL1265 | EPL1266 | EPL1267 | EPL1268 | EPL1269 | EPL1270 | EPL1271 | EPL1272 | EPL1273 | EPL1274 | EPL1275 | EPL1276 | EPL1277 | EPL1278 | EPL1279 | EPL1280 | EPL1281 | EPL1282 | EPL1283 | EPL1284 | EPL1285 | EPL1286 | EPL1287 | EPL1288 | EPL1289 | EPL1290 | EPL1291 | EPL1292 | EPL1293 | EPL1294 | EPL1295 | EPL1296 | EPL1297 | EPL1298 | EPL1299 | EPL1300 | EPL1301 | EPL1302 | EPL1303 | EPL1304 | EPL1305 | EPL1306 | EPL1307 | EPL1308 | EPL1309 | EPL1310 | EPL1311 | EPL1312 | EPL1313 | EPL1314 | EPL1315 | EPL1316 | EPL1317 | EPL1318 | EPL1319 | EPL1320 | EPL1321 | EPL1322 | EPL1323 | EPL1324 | EPL1325 | EPL1326 | EPL1327 | EPL1 |
|-----------|------|--------------------|--------------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---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## Snowy Hydro 2.0 Main Works

### Monthly EPL Sampling: 01-31 August 2025 - Discharge Water

| Analyte                                   | Unit         | Limit of Reporting | Water Quality Objective Value*   |
|-------------------------------------------|--------------|--------------------|----------------------------------|
| <b>Flow Rate</b>                          |              |                    |                                  |
| Inflow <sup>#</sup>                       | ML/day       | -                  | -                                |
| Outflow <sup>#</sup>                      | ML/day       | -                  | 4.32 (EPL 43 / 50)               |
| <b>Field</b>                              |              |                    |                                  |
| pH                                        | pH Unit      | -                  | 6.5-8.5                          |
| Electrical Conductivity                   | µS/cm        | -                  | 700 (EPL 41) / 200 (EPL 50)      |
| Oxidation Reduction Potential             | mV           | -                  | No Water Quality Objective Value |
| Temperature                               | °C           | -                  | 15                               |
| Dissolved Oxygen                          | % saturation | -                  | No Water Quality Objective Value |
| Turbidity                                 | NTU          | -                  | <25                              |
| <b>Laboratory analytes</b>                |              |                    |                                  |
| Total suspended solids                    | mg/L         | 5                  | 5/10                             |
| Hardness as CaCO <sub>3</sub>             | mg/L         | 1                  | No Water Quality Objective Value |
| <b>Nutrients</b>                          |              |                    |                                  |
| Ammonia as N                              | µg/L         | 10                 | 200/2000 <sup>^</sup>            |
| Nitrite + Nitrate as N (NO <sub>x</sub> ) | µg/L         | 10                 | 10                               |
| Kjeldahl Nitrogen Total                   | µg/L         | 100                | No Water Quality Objective Value |
| Nitrogen (Total)                          | µg/L         | 100                | 350/- <sup>^</sup>               |
| Reactive Phosphorus                       | µg/L         | 1                  | No Water Quality Objective Value |
| Phosphorus (Total)                        | µg/L         | 10                 | 100/300 <sup>^</sup>             |
| <b>Inorganics</b>                         |              |                    |                                  |
| Cyanide Total                             | µg/L         | 4                  | No Water Quality Objective Value |
| <b>Hydrocarbons</b>                       |              |                    |                                  |
| Oil and Grease                            | mg/L         | 1                  | 2/5 <sup>^</sup>                 |
| <b>Metals</b>                             |              |                    |                                  |
| Aluminium (dissolved)                     | µg/L         | 5                  | 55                               |
| Arsenic (dissolved)                       | µg/L         | 0.2                | 13                               |
| Chromium (III+VI) (dissolved)             | µg/L         | 0.2                | 1                                |
| Copper (dissolved)                        | µg/L         | 0.5                | 14                               |
| Iron (dissolved)                          | µg/L         | 2                  | 300                              |
| Lead (dissolved)                          | µg/L         | 0.1                | 3.4                              |
| Manganese (dissolved)                     | µg/L         | 0.5                | 1,900                            |
| Nickel (dissolved)                        | µg/L         | 0.5                | 11                               |
| Silver (dissolved)                        | µg/L         | 0.01               | 0.05                             |
| Zinc (dissolved)                          | µg/L         | 1                  | 8                                |
| <b>Biological</b>                         |              |                    |                                  |
| Faecal Coliforms                          | CFU/100mL    | 1                  | 10/100 <sup>^</sup>              |
| Biological Oxygen Demand                  | mg/L         | 2                  | 5                                |

| EPL 41     | EPL 43 | EPL 44 | EPL 45 | EPL 47 | EPL 48 | EPL 49 | EPL 50    |
|------------|--------|--------|--------|--------|--------|--------|-----------|
| 13/08/2025 |        |        |        |        |        |        | 6/08/2025 |
| -          | 0.0000 | 0.3754 | 0.0706 | 0.1472 | 0.0837 | 0.4190 | -         |
| -          | -      | -      | -      | -      | -      | -      | -         |
| 7.48       | -      | -      | -      | -      | -      | -      | 6.96      |
| 14         | -      | -      | -      | -      | -      | -      | 192       |
| 186        | -      | -      | -      | -      | -      | -      | 224       |
| 12.38      | -      | -      | -      | -      | -      | -      | 9.04      |
| 98.5       | -      | -      | -      | -      | -      | -      | 60.1      |
| 0.08       | -      | -      | -      | -      | -      | -      | 3.4       |
| <5         | -      | -      | -      | -      | -      | -      | <5        |
| <1         | -      | -      | -      | -      | -      | -      | 17        |
| <10        | -      | -      | -      | -      | -      | -      | 20        |
| 110        | -      | -      | -      | -      | -      | -      | 90        |
| 200        | -      | -      | -      | -      | -      | -      | 200       |
| 300        | -      | -      | -      | -      | -      | -      | 300       |
| <10        | -      | -      | -      | -      | -      | -      | 10        |
| <10        | -      | -      | -      | -      | -      | -      | <10       |
| <4         | -      | -      | -      | -      | -      | -      | <4        |
| <1.0       | -      | -      | -      | -      | -      | -      | <1.0      |
| <5         | -      | -      | -      | -      | -      | -      | <5        |
| <0.2       | -      | -      | -      | -      | -      | -      | <0.2      |
| <0.2       | -      | -      | -      | -      | -      | -      | 1.0       |
| <0.5       | -      | -      | -      | -      | -      | -      | <0.5      |
| <2         | -      | -      | -      | -      | -      | -      | <2        |
| <0.1       | -      | -      | -      | -      | -      | -      | <0.1      |
| <0.5       | -      | -      | -      | -      | -      | -      | 0.5       |
| <0.5       | -      | -      | -      | -      | -      | -      | <0.5      |
| <0.01      | -      | -      | -      | -      | -      | -      | <0.01     |
| <1         | -      | -      | -      | -      | -      | -      | <1        |
| <1         | -      | -      | -      | -      | -      | -      | <1        |
| <2         | -      | -      | -      | -      | -      | -      | <2        |

Note: Treated water was not being discharged at Talbingo or Tantangara Reservoir at the time of EPL sampling.

There is no 100th percentile limit for Nitrogen (Total).

\* Water Quality Objective values Treated Water reference the predicted values for physical and chemical stressors from the treatment plant as presented in the Main Works EIS.

- Samples not required

<sup>^</sup> 90 Percentile concentration limit/100 Percentile limit

<sup>#</sup> Inflows to STP and CWTP do not directly correspond to outflow at RO as much of the water is reused on site

Snowy Hydro 2.0 Main Works  
Monthly EPL Sampling: 01-31 August 2025 - Volumes

| Date       |
|------------|
| 1/08/2025  |
| 2/08/2025  |
| 3/08/2025  |
| 4/08/2025  |
| 5/08/2025  |
| 6/08/2025  |
| 7/08/2025  |
| 8/08/2025  |
| 9/08/2025  |
| 10/08/2025 |
| 11/08/2025 |
| 12/08/2025 |
| 13/08/2025 |
| 14/08/2025 |
| 15/08/2025 |
| 16/08/2025 |
| 17/08/2025 |
| 18/08/2025 |
| 19/08/2025 |
| 20/08/2025 |
| 21/08/2025 |
| 22/08/2025 |
| 23/08/2025 |
| 24/08/2025 |
| 25/08/2025 |
| 26/08/2025 |
| 27/08/2025 |
| 28/08/2025 |
| 29/08/2025 |
| 30/08/2025 |
| 31/08/2025 |

| EPL 43 *                      | EPL 50 ^ |
|-------------------------------|----------|
| Discharge volume (Megalitres) |          |
| 1.99                          | 0.82     |
| -                             | 0.18     |
| -                             | 0.35     |
| -                             | 0.64     |
| -                             | 0.58     |
| -                             | -        |
| -                             | 0.84     |
| -                             | 0.48     |
| -                             | 0.44     |
| 1.40                          | 1.19     |
| -                             | 0.77     |
| -                             | 0.75     |
| 1.18                          | 0.70     |
| -                             | 1.08     |
| -                             | 1.04     |
| -                             | 0.98     |
| -                             | 1.00     |
| -                             | 0.86     |
| 1.54                          | 1.10     |
| -                             | 1.11     |
| -                             | 0.81     |
| -                             | 0.18     |
| 1.53                          | -        |
| 1.45                          | 0.35     |
| -                             | 0.57     |
| -                             | -        |
| -                             | -        |
| -                             | -        |
| -                             | -        |
| -                             | -        |
| -                             | -        |

| EPL 44                        | EPL 45 | EPL 47 | EPL 48 | EPL 49 |
|-------------------------------|--------|--------|--------|--------|
| Discharge volume (Megalitres) |        |        |        |        |
| 0.56                          | 0.08   | 0.20   | 0.09   | 0.058  |
| 0.45                          | 0.09   | 0.16   | 0.08   | 0.001  |
| 0.31                          | 0.07   | 0.17   | 0.09   | 0.0004 |
| 0.37                          | 0.08   | 0.24   | 0.08   | 0.43   |
| 0.16                          | 0.04   | 0.00   | 0.10   | 0.61   |
| 0.36                          | 0.09   | 0.11   | 0.08   | 0.56   |
| 0.38                          | 0.09   | 0.11   | 0.09   | 0.69   |
| 0.36                          | 0.07   | 0.11   | 0.09   | 0.43   |
| 0.24                          | 0.10   | 0.09   | 0.08   | 0.20   |
| 0.38                          | 0.13   | 0.11   | 0.09   | 0.39   |
| 0.34                          | 0.09   | 0.15   | 0.10   | 0.46   |
| 0.16                          | 0.08   | 0.15   | 0.07   | 0.71   |
| 0.43                          | 0.08   | 0.15   | 0.08   | 0.15   |
| 0.44                          | 0.09   | 0.14   | 0.08   | 0.17   |
| 0.15                          | 0.07   | 0.12   | 0.08   | 0.66   |
| 0.56                          | 0.08   | 0.14   | 0.09   | 0.59   |
| 0.47                          | 0.07   | 0.12   | 0.07   | 0.46   |
| 0.35                          | 0.07   | 0.10   | 0.08   | 0.68   |
| 0.34                          | 0.08   | 0.10   | 0.09   | 0.51   |
| 0.33                          | 0.08   | 0.13   | 0.06   | 0.23   |
| 0.30                          | 0.07   | 0.16   | 0.09   | 0.47   |
| 0.45                          | 0.06   | 0.21   | 0.09   | 0.41   |
| 0.66                          | 0.06   | 0.17   | 0.06   | 0.39   |
| 0.49                          | 0.04   | 0.14   | 0.08   | 0.28   |
| 0.47                          | 0.04   | 0.15   | 0.19   | 0.55   |
| 0.39                          | 0.04   | 0.19   | 0.07   | 0.39   |
| 0.30                          | 0.06   | 0.19   | 0.09   | 0.73   |
| 0.32                          | 0.04   | 0.18   | 0.10   | 0.63   |
| 0.29                          | 0.05   | 0.19   | 0.04   | 0.28   |
| 0.44                          | 0.05   | 0.23   | 0.04   | 0.439  |
| 0.33                          | 0.08   | 0.19   | 0.03   | 0.58   |

- Water not discharged on this day

Note: The EPL discharge volume limit for EPL 43 and 50 is 4.32 megalitres per day. Compliance with this criteria was met during the reporting month.

\* The maximum flow rate capacity for Lobs Hole STP/PWTP during the reporting month was 6.48 L/s

^ The maximum flow rate capacity for Tantangara STP/PWTP during the reporting month was 7.87 L/s

-- Water not discharged on this day



Snowy Hydro 2.0 Main Works EPL Sampling: 01 - 30 September 2025

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environmental Protection Licence No:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 21266                                                                                                                                                                                                                                                                                                                                                                   |
| Licensee:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Snowy Hydro Limited                                                                                                                                                                                                                                                                                                                                                     |
| Licensee address:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PO Box 332, Cooma, NSW 2630                                                                                                                                                                                                                                                                                                                                             |
| Premises:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Snowy 2.0 Pumped Hydro Power Station Talbingo and Tantangara, Kosciuszko National Park and Rock Forest, Kosciuszko NSW 2642                                                                                                                                                                                                                                             |
| EPA Public Register:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21266&amp;id=21266&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21266&amp;id=21266&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a> |
| Monthly water sampling and analysis is performed as part of the Snowy 2.0 Approval Conditions, Environmental Protection Licence No 21266 - Variation 23 July 2025, and the approved Water Management Plan to ensure that works are not impacting on nearby receiving waters.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                         |
| A map showing the location of each of the EPL named sampling points is provided after the results tables.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                         |
| <p><b>Groundwater:</b></p> <p>Elevated concentrations of nutrients have continued to be observed in groundwater monitoring wells across the Snowy 2.0 sites, most notably downgradient of permanent spoil emplacement areas. As reported previously, bores within the area of influence of GF01 have the greatest concentrations in nutrients (e.g. EPL58 - 42,600 µg/L Total Nitrogen). Exceedances in Total Nitrogen were also observed in the Main Yard area (up to 13,500 µg/L at EPL87), Ravine Bay (up to 700 µg/L at EPL113) and Tantangara (up to 3,500 µg/L at EPL105).</p> <p><b>Reservoir:</b></p> <p>Minor exceedances in nutrients were observed in both Talbingo and Tantangara Reservoirs in the month of September, however, concentrations are consistent with previous reports indicating stability in the overall water quality. An exceedance in aluminium at EPL28 (147 µg/L) has been noted will be examined during the next reporting period.</p> <p><b>Surface Water:</b></p> <p>Consistent with previous reporting periods, EPL24, EPL55, and EPL122 continue to show the highest surface water concentrations of nutrients in Lobs Hole, aside from leachate storage infrastructure. This is likely attributed to their location downstream of the GF01 leachate area and the ephemeral nature of the waterways. These locations remain under TARP conditions and are monitored weekly. High nutrient concentrations were also observed at EPL36 and EPL37, likely attributed to low flows and agricultural impact.</p> <p><b>Discharge:</b></p> <p>Compliance testing at EPL50 on the 17th of September met criteria for discharge however EPL41 on the 7th of the September did not meet criteria for discharge as TN was slightly elevated. Non compliant discharges have been investigated in Incident Report S2-ENV-WA-SFW-INC-FGJV00036. Temperatures for both sampling rounds are not considered reflective of conditions as temperatures were recorded a prior to discharge. Review of Discharge Procedure documentation has commenced as a result of recent non-compliance.</p> |                                                                                                                                                                                                                                                                                                                                                                         |

The publication of this pollution monitoring data is carried out in accordance with section 66 (6) of the Protection of the Environment Operations Act 1997 (NSW).

Snowy Hydro Limited gives no warranty or representation regarding the data suitability for any particular purpose.

Snowy Hydro Limited excludes all liability to any person for loss or damage of any kind (however caused, including but not limited to by negligence) arising whether directly or indirectly from or relating in any way to the use of this data, whether in whole or in part.

## Snowex Hydro 2.0 Main Works

[illegible]

\* Water Quality Objective values for groundwater refer to the default trigger values for physical and chemical stressors in south-east Australia (upland rivers) for the protection of 99% of aquatic species (ANZECC / ARMCANZ (2000), they are not pollutant limits imposed by EPA 21266.

**Monthly EPL Sampling: 01-30 September 2025 - Talbingo and Tantangara Reservoir**

| Analyte                       | Unit         | Limit of Reporting | Water Quality Objective Value *  |
|-------------------------------|--------------|--------------------|----------------------------------|
| <b>Field</b>                  |              |                    |                                  |
| pH                            | pH Unit      | -                  | 6.5-8                            |
| Electrical Conductivity       | µS/cm        | -                  | 20-30                            |
| Oxidation Reduction Potential | mV           | -                  | No Water Quality Objective Value |
| Temperature                   | °C           | -                  | No Water Quality Objective Value |
| Dissolved Oxygen              | % saturation | -                  | 90-110                           |
| Turbidity                     | NTU          | -                  | 1-20                             |
| <b>Laboratory analytes</b>    |              |                    |                                  |
| Total suspended solids        | mg/L         | 5                  | No Water Quality Objective Value |
| Hardness as CaCO <sub>3</sub> | mg/L         | 1                  | No Water Quality Objective Value |
| <b>Nutrients</b>              |              |                    |                                  |
| Ammonia as N                  | µg/L         | 10                 | 10                               |
| Nitrite + Nitrate as N (NOx)  | µg/L         | 10                 | 10                               |
| Kjeldahl Nitrogen Total       | µg/L         | 100                | No Water Quality Objective Value |
| Nitrogen (Total)              | µg/L         | 100                | 350                              |
| Reactive Phosphorus           | µg/L         | 1                  | 5                                |
| Phosphorus (Total)            | µg/L         | 10                 | 10                               |
| <b>Inorganics</b>             |              |                    |                                  |
| Cyanide Total                 | µg/L         | 4                  | 7                                |
| <b>Hydrocarbons</b>           |              |                    |                                  |
| Oil and Grease                | mg/L         | 1                  | 5                                |
| <b>Metals</b>                 |              |                    |                                  |
| Aluminum (dissolved)          | µg/L         | 5                  | 55                               |
| Arsenic (dissolved)           | µg/L         | 0.2                | 13                               |
| Chromium (III+VI) (dissolved) | µg/L         | 0.2                | 1                                |
| Copper (dissolved)            | µg/L         | 0.5                | 14                               |
| Iron (dissolved)              | µg/L         | 2                  | 300                              |
| Lead (dissolved)              | µg/L         | 0.1                | 3.4                              |
| Manganese (dissolved)         | µg/L         | 0.5                | 1,900                            |
| Nickel (dissolved)            | µg/L         | 0.5                | 11                               |
| Silver (dissolved)            | µg/L         | 0.01               | 0.05                             |
| Zinc (dissolved)              | µg/L         | 1                  | 8                                |
| <b>Biological</b>             |              |                    |                                  |
| Faecal Coliforms              | CFU/100mL    | 1                  | 10/100 <sup>a</sup>              |
| Biochemical Oxygen Demand     | mg/L         | 2                  | 1/5 <sup>a</sup>                 |

[illegible]

\* Water Quality Objective values for Talbingo and Tantangara Reservoir refer to the default trigger values for physical and chemical stressors in south-east Australia (fresh lakes and reservoirs) for the protection of 95% of aquatic species ANZECC / ARMCANZ (2000), they are not pollutant limits imposed by EPL 21266.

- Algal blooms can present as faecal coliforms

<sup>a</sup> 90th percentile concentration limits / 100 percentile concentration limits

- Sample not required at this location.

Snowy Hydro 2.0 Main Works  
Monthly EPL Sampling: 01-30 September 2025 - Surface Water

| Analysed | Unit | Limit of Reporting | Water Quality Objective Value* | EP15 | EP16 | EP18 | EP19 | EP112 | EP114 | EP115 | EP116 | EP120 | EP126 | EP127 | EP128 | EP130 | EP131 | EP134 | EP135 | EP136 | EP137 | EP151 | EP152 | EP153 | EP154 | EP155 | EP157 | EP171 | EP181 | EP185 | EP186 | EP188 | EP189 | EP190 | EP191 | EP192 | EP193 | EP194 | EP195 | EP196 | EP197 | EP198 | EP199 | EP200 | EP201 | EP202 | EP203 | EP204 | EP205 | EP206 | EP207 | EP208 | EP209 | EP210 | EP211 | EP212 | EP213 | EP214 | EP215 | EP216 | EP217 | EP218 | EP219 | EP220 | EP221 | EP222 | EP223 | EP224 | EP225 | EP226 | EP227 | EP228 | EP229 | EP230 | EP231 | EP232 | EP233 | EP234 | EP235 | EP236 | EP237 | EP238 | EP239 | EP240 | EP241 | EP242 | EP243 | EP244 | EP245 | EP246 | EP247 | EP248 | EP249 | EP250 | EP251 | EP252 | EP253 | EP254 | EP255 | EP256 | EP257 | EP258 | EP259 | EP260 | EP261 | EP262 | EP263 | EP264 | EP265 | EP266 | EP267 | EP268 | EP269 | EP270 | EP271 | EP272 | EP273 | EP274 | EP275 | EP276 | EP277 | EP278 | EP279 | EP280 | EP281 | EP282 | EP283 | EP284 | EP285 | EP286 | EP287 | EP288 | EP289 | EP290 | EP291 | EP292 | EP293 | EP294 | EP295 | EP296 | EP297 | EP298 | EP299 | EP300 | EP301 | EP302 | EP303 | EP304 | EP305 | EP306 | EP307 | EP308 | EP309 | EP310 | EP311 | EP312 | EP313 | EP314 | EP315 | EP316 | EP317 | EP318 | EP319 | EP320 | EP321 | EP322 | EP323 | EP324 | EP325 | EP326 | EP327 | EP328 | EP329 | EP330 | EP331 | EP332 | EP333 | EP334 | EP335 | EP336 | EP337 | EP338 | EP339 | EP340 | EP341 | EP342 | EP343 | EP344 | EP345 | EP346 | EP347 | EP348 | EP349 | EP350 | EP351 | EP352 | EP353 | EP354 | EP355 | EP356 | EP357 | EP358 | EP359 | EP360 | EP361 | EP362 | EP363 | EP364 | EP365 | EP366 | EP367 | EP368 | EP369 | EP370 | EP371 | EP372 | EP373 | EP374 | EP375 | EP376 | EP377 | EP378 | EP379 | EP380 | EP381 | EP382 | EP383 | EP384 | EP385 | EP386 | EP387 | EP388 | EP389 | EP390 | EP391 | EP392 | EP393 | EP394 | EP395 | EP396 | EP397 | EP398 | EP399 | EP400 | EP401 | EP402 | EP403 | EP404 | EP405 | EP406 | EP407 | EP408 | EP409 | EP410 | EP411 | EP412 | EP413 | EP414 | EP415 | EP416 | EP417 | EP418 | EP419 | EP420 | EP421 | EP422 | EP423 | EP424 | EP425 | EP426 | EP427 | EP428 | EP429 | EP430 | EP431 | EP432 | EP433 | EP434 | EP435 | EP436 | EP437 | EP438 | EP439 | EP440 | EP441 | EP442 | EP443 | EP444 | EP445 | EP446 | EP447 | EP448 | EP449 | EP450 | EP451 | EP452 | EP453 | EP454 | EP455 | EP456 | EP457 | EP458 | EP459 | EP460 | EP461 | EP462 | EP463 | EP464 | EP465 | EP466 | EP467 | EP468 | EP469 | EP470 | EP471 | EP472 | EP473 | EP474 | EP475 | EP476 | EP477 | EP478 | EP479 | EP480 | EP481 | EP482 | EP483 | EP484 | EP485 | EP486 | EP487 | EP488 | EP489 | EP490 | EP491 | EP492 | EP493 | EP494 | EP495 | EP496 | EP497 | EP498 | EP499 | EP500 | EP501 | EP502 | EP503 | EP504 | EP505 | EP506 | EP507 | EP508 | EP509 | EP510 | EP511 | EP512 | EP513 | EP514 | EP515 | EP516 | EP517 | EP518 | EP519 | EP520 | EP521 | EP522 | EP523 | EP524 | EP525 | EP526 | EP527 | EP528 | EP529 | EP530 | EP531 | EP532 | EP533 | EP534 | EP535 | EP536 | EP537 | EP538 | EP539 | EP540 | EP541 | EP542 | EP543 | EP544 | EP545 | EP546 | EP547 | EP548 | EP549 | EP550 | EP551 | EP552 | EP553 | EP554 | EP555 | EP556 | EP557 | EP558 | EP559 | EP560 | EP561 | EP562 | EP563 | EP564 | EP565 | EP566 | EP567 | EP568 | EP569 | EP570 | EP571 | EP572 | EP573 | EP574 | EP575 | EP576 | EP577 | EP578 | EP579 | EP580 | EP581 | EP582 | EP583 | EP584 | EP585 | EP586 | EP587 | EP588 | EP589 | EP590 | EP591 | EP592 | EP593 | EP594 | EP595 | EP596 | EP597 | EP598 | EP599 | EP600 | EP601 | EP602 | EP603 | EP604 | EP605 | EP606 | EP607 | EP608 | EP609 | EP610 | EP611 | EP612 | EP613 | EP614 | EP615 | EP616 | EP617 | EP618 | EP619 | EP620 | EP621 | EP622 | EP623 | EP624 | EP625 | EP626 | EP627 | EP628 | EP629 | EP630 | EP631 | EP632 | EP633 | EP634 | EP635 | EP636 | EP637 | EP638 | EP639 | EP640 | EP641 | EP642 | EP643 | EP644 | EP645 | EP646 | EP647 | EP648 | EP649 | EP650 | EP651 | EP652 | EP653 | EP654 | EP655 | EP656 | EP657 | EP658 | EP659 | EP660 | EP661 | EP662 | EP663 | EP664 | EP665 | EP666 | EP667 | EP668 | EP669 | EP670 | EP671 | EP672 | EP673 | EP674 | EP675 | EP676 | EP677 | EP678 | EP679 | EP680 | EP681 | EP682 | EP683 | EP684 | EP685 | EP686 | EP687 | EP688 | EP689 | EP690 | EP691 | EP692 | EP693 | EP694 | EP695 | EP696 | EP697 | EP698 | EP699 | EP700 | EP701 | EP702 | EP703 | EP704 | EP705 | EP706 | EP707 | EP708 | EP709 | EP710 | EP711 | EP712 | EP713 | EP714 | EP715 | EP716 | EP717 | EP718 | EP719 | EP720 | EP721 | EP722 | EP723 | EP724 | EP725 | EP726 | EP727 | EP728 | EP729 | EP730 | EP731 | EP732 | EP733 | EP734 | EP735 | EP736 | EP737 | EP738 | EP739 | EP740 | EP741 | EP742 | EP743 | EP744 | EP745 | EP746 | EP747 | EP748 | EP749 | EP750 | EP751 | EP752 | EP753 | EP754 | EP755 | EP756 | EP757 | EP758 | EP759 | EP760 | EP761 | EP762 | EP763 | EP764 | EP765 | EP766 | EP767 | EP768 | EP769 | EP770 | EP771 | EP772 | EP773 | EP774 | EP775 | EP776 | EP777 | EP778 | EP779 | EP780 | EP781 | EP782 | EP783 | EP784 | EP785 | EP786 | EP787 | EP788 | EP789 | EP790 | EP791 | EP792 | EP793 | EP794 | EP795 | EP796 | EP797 | EP798 | EP799 | EP800 | EP801 | EP802 | EP803 | EP804 | EP805 | EP806 | EP807 | EP808 | EP809 | EP810 | EP811 | EP812 | EP813 | EP814 | EP815 | EP816 | EP817 | EP818 | EP819 | EP820 | EP821 | EP822 | EP823 | EP824 | EP825 | EP826 | EP827 | EP828 | EP829 | EP830 | EP831 | EP832 | EP833 | EP834 | EP835 | EP836 | EP837 | EP838 | EP839 | EP840 | EP841 | EP842 | EP843 | EP844 | EP845 | EP846 | EP847 | EP848 | EP849 | EP850 | EP851 | EP852 | EP853 | EP854 | EP855 | EP856 | EP857 | EP858 | EP859 | EP860 | EP861 | EP862 | EP863 | EP864 | EP865 | EP866 | EP867 | EP868 | EP869 | EP870 | EP871 | EP872 | EP873 | EP874 | EP875 | EP876 | EP877 | EP878 | EP879 | EP880 | EP881 | EP882 | EP883 | EP884 | EP885 | EP886 | EP887 | EP888 | EP889 | EP890 | EP891 | EP892 | EP893 | EP894 | EP895 | EP896 | EP897 | EP898 | EP899 | EP900 | EP901 | EP902 | EP903 | EP904 | EP905 | EP906 | EP907 | EP908 | EP909 | EP910 | EP911 | EP912 | EP913 | EP914 | EP915 | EP916 | EP917 | EP918 | EP919 | EP920 | EP921 | EP922 | EP923 | EP924 | EP925 | EP926 | EP927 | EP928 | EP929 | EP930 | EP931 | EP932 | EP933 | EP934 | EP935 | EP936 | EP937 | EP938 | EP939 | EP940 | EP941 | EP942 | EP943 | EP944 | EP945 | EP946 | EP947 | EP948 | EP949 | EP950 | EP951 | EP952 | EP953 | EP954 | EP955 | EP956 | EP957 | EP958 | EP959 | EP960 | EP961 | EP962 | EP963 | EP964 | EP965 | EP966 | EP967 | EP968 | EP969 | EP970 | EP971 | EP972 | EP973 | EP974 | EP975 | EP976 | EP977 | EP978 | EP979 | EP980 | EP981 | EP982 | EP983 | EP984 | EP985 | EP986 | EP987 | EP988 | EP989 | EP990 | EP991 | EP992 | EP993 | EP994 | EP995 | EP996 | EP997 | EP998 | EP999 | EP1000 | EP1001 | EP1002 | EP1003 | EP1004 | EP1005 | EP1006 | EP1007 | EP1008 | EP1009 | EP1010 | EP1011 | EP1012 | EP1013 | EP1014 | EP1015 | EP1016 | EP1017 | EP1018 | EP1019 | EP1020 | EP1021 | EP1022 | 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EP1245 | EP1246 | EP1247 | EP1248 | EP1249 | EP1250 | EP1251 | EP1252 | EP1253 | EP1254 | EP1255 | EP1256 | EP1257 | EP1258 | EP1259 | EP1260 | EP1261 | EP1262 | EP1263 | EP1264 | EP1265 | EP1266 | EP1267 | EP1268 | EP1269 | EP1270 | EP1271 | EP1272 | EP1273 | EP1274 | EP1275 | EP1276 | EP1277 | EP1278 | EP1279 | EP1280 | EP1281 | EP1282 | EP1283 | EP1284 | EP1285 | EP1286 | EP1287 | EP1288 | EP1289 | EP1290 | EP1291 | EP1292 | EP1293 | EP1294 | EP1295 | EP1296 | EP1297 | EP1298 | EP1299 | EP1300 | EP1301 | EP1302 | EP1303 | EP1304 | EP1305 | EP1306 | EP1307 | EP1308 | EP1309 | EP1310 | EP1311 | EP1312 | EP1313 | EP1314 | EP1315 | EP1316 | EP1317 | EP1318 | EP1319 | EP1320 | EP1321 | EP1322 | EP1323 | EP1324 | EP1325 | EP1326 | EP1327 | EP1328 | EP1329 | EP1330 | EP1331 | EP1332 | EP1333 | EP1334 | EP1335 | EP1336 | EP1337 | EP1338 | EP1339 | EP1340 | EP1341 | EP1342 | EP1343 | EP1344 | EP1345 | EP1346 | EP1347 | EP1348 | EP1349 | EP1350 | EP1351 | EP1352 | EP1353 | EP1354 | EP1355 | EP1356 | EP1357 | EP1358 | EP1359 | EP1360 | EP1361 | EP1362 | EP1363 | EP1364 | EP1365 | EP1366 | EP1367 | EP1368 | EP1369 | EP1370 | EP1371 | EP1372 | EP1373 | EP1374 | EP1375 | EP1376 | EP1377 | EP1378 | EP1379 | EP1380 | EP1381 | EP1382 | EP1383 | EP1384 | EP1385 | EP1386 | EP1387 | EP1388 | EP1389 | EP1390 | EP1391 | EP1392 | EP1393 | EP1394 | EP1395 | EP1396 | EP1397 | EP1398 | EP1399 | EP1400 | EP1401 | EP1402 | EP1403 | EP1404 | EP1405 | EP1406 | EP1407 | EP1408 | EP1409 | EP1410 | EP1411 | EP1412 | EP1413 | EP1414 | EP1415 | EP1416 | EP1417 | EP1418 | EP1419 | EP1420 | EP1421 | EP1422 | EP1423 | EP1424 | EP1425 | EP1426 | EP1427 | EP1428 | EP1429 | EP1430 | EP1431 | EP1432 | EP1433 | EP1434 | EP1435 | EP1436 | EP1437 | EP1438 | EP1439 | EP1440 | EP1441 | EP1442 | EP1443 | EP1444 | EP1445 | EP1446 | EP1447 | EP1448 | EP1449 | EP1450 | EP1451 | EP1452 | EP1453 | EP1454 | EP1455 | EP1456 | EP1457 | EP1458 | EP1459 | EP14 |
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## Snowy Hydro 2.0 Main Works

### Monthly EPL Sampling: 01-30 September 2025 - Discharge Water

| Analyte                                   | Unit         | Limit of Reporting | Water Quality Objective Value*   |
|-------------------------------------------|--------------|--------------------|----------------------------------|
| <b>Flow Rate</b>                          |              |                    |                                  |
| Inflow <sup>#</sup>                       | ML/day       | -                  | -                                |
| Outflow <sup>#</sup>                      | ML/day       | -                  | 4.32 (EPL 43 / 50)               |
| <b>Field</b>                              |              |                    |                                  |
| pH                                        | pH Unit      | -                  | 6.5-8.5                          |
| Electrical Conductivity                   | µS/cm        | -                  | 700 (EPL 41) / 200 (EPL 50)      |
| Oxidation Reduction Potential             | mV           | -                  | No Water Quality Objective Value |
| Temperature                               | °C           | -                  | 15                               |
| Dissolved Oxygen                          | % saturation | -                  | No Water Quality Objective Value |
| Turbidity                                 | NTU          | -                  | <25                              |
| <b>Laboratory analytes</b>                |              |                    |                                  |
| Total suspended solids                    | mg/L         | 5                  | 5/10                             |
| Hardness as CaCO <sub>3</sub>             | mg/L         | 1                  | No Water Quality Objective Value |
| <b>Nutrients</b>                          |              |                    |                                  |
| Ammonia as N                              | µg/L         | 10                 | 200/2000 <sup>^</sup>            |
| Nitrite + Nitrate as N (NO <sub>x</sub> ) | µg/L         | 10                 | No Water Quality Objective Value |
| Kjeldahl Nitrogen Total                   | µg/L         | 100                | No Water Quality Objective Value |
| Nitrogen (Total)                          | µg/L         | 100                | 350/- <sup>^</sup>               |
| Reactive Phosphorus                       | µg/L         | 1                  | No Water Quality Objective Value |
| Phosphorus (Total)                        | µg/L         | 10                 | 100                              |
| <b>Inorganics</b>                         |              |                    |                                  |
| Cyanide Total                             | µg/L         | 4                  | No Water Quality Objective Value |
| <b>Hydrocarbons</b>                       |              |                    |                                  |
| Oil and Grease                            | mg/L         | 1                  | 2/5 <sup>^</sup>                 |
| <b>Metals</b>                             |              |                    |                                  |
| Aluminium (dissolved)                     | µg/L         | 5                  | 55                               |
| Arsenic (dissolved)                       | µg/L         | 0.2                | 13                               |
| Chromium (III+VI) (dissolved)             | µg/L         | 0.2                | 1                                |
| Copper (dissolved)                        | µg/L         | 0.5                | 14                               |
| Iron (dissolved)                          | µg/L         | 2                  | 300                              |
| Lead (dissolved)                          | µg/L         | 0.1                | 3.4                              |
| Manganese (dissolved)                     | µg/L         | 0.5                | 1,900                            |
| Nickel (dissolved)                        | µg/L         | 0.5                | 11                               |
| Silver (dissolved)                        | µg/L         | 0.01               | 0.05                             |
| Zinc (dissolved)                          | µg/L         | 1                  | 8                                |
| <b>Biological</b>                         |              |                    |                                  |
| Faecal Coliforms                          | CFU/100mL    | 1                  | 10/100 <sup>^</sup>              |
| Biological Oxygen Demand                  | mg/L         | 2                  | 5                                |

| EPL 41    | EPL 43 | EPL 44 | EPL 45 | EPL 47 | EPL 48 | EPL 49 | EPL 50     |
|-----------|--------|--------|--------|--------|--------|--------|------------|
| 7/09/2025 |        |        |        |        |        |        | 17/09/2025 |
| -         | 0.0000 | 0.4031 | 0.0471 | 0.1514 | 0.0465 | 0.3649 | -          |
| -         | -      | -      | -      | -      | -      | -      | -          |
| 6.65      | -      | -      | -      | -      | -      | -      | 6.75       |
| 190       | -      | -      | -      | -      | -      | -      | 109        |
| 269       | -      | -      | -      | -      | -      | -      | 240        |
| 14.38     | -      | -      | -      | -      | -      | -      | 10.35      |
| 81.8      | -      | -      | -      | -      | -      | -      | 86.2       |
| 3.69      | -      | -      | -      | -      | -      | -      | 4.3        |
| <5        | -      | -      | -      | -      | -      | -      | <5         |
| <1        | -      | -      | -      | -      | -      | -      | <1         |
| <10       | -      | -      | -      | -      | -      | -      | <10        |
| 50        | -      | -      | -      | -      | -      | -      | 40         |
| 300       | -      | -      | -      | -      | -      | -      | <100       |
| 400       | -      | -      | -      | -      | -      | -      | <100       |
| <10       | -      | -      | -      | -      | -      | -      | <10        |
| 20        | -      | -      | -      | -      | -      | -      | 50         |
| <4        | -      | -      | -      | -      | -      | -      | <4         |
| <1.0      | -      | -      | -      | -      | -      | -      | <1.0       |
| <5        | -      | *      | -      | -      | -      | -      | <5         |
| <0.2      | -      | *      | -      | -      | -      | -      | <0.2       |
| <0.2      | -      | *      | -      | -      | -      | -      | 0.5        |
| <0.5      | -      | *      | -      | -      | -      | -      | <0.5       |
| <2        | -      | *      | -      | -      | -      | -      | <2         |
| <0.1      | -      | *      | -      | -      | -      | -      | <0.1       |
| <0.5      | -      | *      | -      | -      | -      | -      | <0.1       |
| <0.5      | -      | *      | -      | -      | -      | -      | <0.5       |
| <0.01     | -      | *      | -      | -      | -      | -      | <0.01      |
| <0.1      | -      | *      | -      | -      | -      | -      | <1         |
| <1        | -      | -      | -      | -      | -      | -      | <1         |
| <2        | -      | -      | -      | -      | -      | -      | <2         |

There is no 100th percentile limit for Nitrogen (Total).

\* Water Quality Objective values Treated Water reference the predicted values for physical and chemical stressors from the treatment plant as presented in the Main Works EIS.

- Samples not required

<sup>^</sup> 90 Percentile concentration limit/100 Percentile limit

<sup>#</sup> Inflows to STP and CWTP do not directly correspond to outflow at RO as much of the water is reused on site

Snowy Hydro 2.0 Main Works  
Monthly EPL Sampling: 01-30 September 2025 - Volumes

| Date       |
|------------|
| 1/09/2025  |
| 2/09/2025  |
| 3/09/2025  |
| 4/09/2025  |
| 5/09/2025  |
| 6/09/2025  |
| 7/09/2025  |
| 8/09/2025  |
| 9/09/2025  |
| 10/09/2025 |
| 11/09/2025 |
| 12/09/2025 |
| 13/09/2025 |
| 14/09/2025 |
| 15/09/2025 |
| 16/09/2025 |
| 17/09/2025 |
| 18/09/2025 |
| 19/09/2025 |
| 20/09/2025 |
| 21/09/2025 |
| 22/09/2025 |
| 23/09/2025 |
| 24/09/2025 |
| 25/09/2025 |
| 26/09/2025 |
| 27/09/2025 |
| 28/09/2025 |
| 29/09/2025 |
| 30/09/2025 |

| EPL 43 *                      | EPL 50 ^ |
|-------------------------------|----------|
| Discharge volume (Megalitres) |          |
| 0.79                          | -        |
| -                             | 0.16     |
| -                             | 0.06     |
| -                             | 0.59     |
| -                             | 0.42     |
| -                             | -        |
| -                             | 0.72     |
| -                             | 0.73     |
| -                             | 1.11     |
| 0.64                          | 1.12     |
| 0.35                          | -        |
| -                             | -        |
| -                             | -        |
| 0.65                          | -        |
| 0.85                          | 1.16     |
| 0.40                          | 0.28     |
| 0.44                          | 0.13     |
| 0.57                          | -        |
| 0.38                          | 0.28     |
| -                             | 0.09     |
| -                             | 0.04     |
| 0.53                          | 0.04     |
| -                             | 0.04     |
| -                             | 0.19     |
| -                             | 0.67     |
| -                             | 0.18     |
| 0.68                          | 0.004    |
| 1.17                          | 0.16     |
| -                             | 0.31     |
| -                             | 0.50     |

| EPL 44                        | EPL 45 | EPL 47 | EPL 48 | EPL 49 |
|-------------------------------|--------|--------|--------|--------|
| Discharge volume (Megalitres) |        |        |        |        |
| 0.33                          | 0.09   | 0.19   | 0.09   | 0.58   |
| 0.39                          | 0.09   | 0.27   | 0.09   | 0.14   |
| 0.43                          | 0.07   | 0.19   | 0.08   | 1.64   |
| 0.36                          | 0.05   | 0.15   | 0.10   | 0.52   |
| 0.18                          | 0.06   | 0.13   | 0.07   | 0.68   |
| 0.41                          | 0.07   | 0.13   | 0.08   | 0.39   |
| 0.20                          | 0.07   | 0.21   | 0.07   | 0.62   |
| 0.34                          | 0.06   | 0.18   | 0.09   | 0.55   |
| 0.47                          | 0.05   | 0.21   | 0.09   | 0.01   |
| 0.64                          | 0.08   | 0.18   | 0.07   | 0.53   |
| 0.42                          | 0.06   | 0.19   | 0.08   | 0.52   |
| 0.38                          | 0.06   | 0.19   | 0.10   | 0.75   |
| 0.45                          | 0.05   | 0.21   | 0.06   | 0.54   |
| 0.19                          | 0.05   | 0.16   | 0.07   | 0.71   |
| 0.26                          | 0.06   | 0.22   | 0.08   | 0.74   |
| 0.44                          | 0.06   | 0.16   | 0.10   | 0.72   |
| 0.35                          | 0.06   | 0.19   | 0.09   | 0.67   |
| 0.30                          | 0.08   | 0.16   | 0.00   | 0.62   |
| 0.40                          | 0.06   | 0.20   | 0.00   | 0.00   |
| 0.36                          | 0.06   | 0.20   | 0.00   | 0.00   |
| 0.19                          | 0.06   | 0.21   | 0.00   | 0.00   |
| 0.54                          | 0.07   | 0.19   | 0.00   | 0.00   |
| 0.70                          | 0.00   | 0.18   | 0.00   | 0.00   |
| 0.54                          | 0.00   | 0.24   | 0.00   | 0.00   |
| 0.32                          | 0.00   | 0.00   | 0.00   | 0.00   |
| 0.42                          | 0.00   | 0.00   | 0.00   | 0.00   |
| 0.41                          | 0.00   | 0.00   | 0.00   | 0.00   |
| 0.46                          | 0.00   | 0.00   | 0.00   | 0.00   |
| 0.60                          | 0.00   | 0.00   | 0.00   | 0.00   |
| 0.66                          | 0.00   | 0.00   | 0.00   | 0.00   |

- Water not discharged on this day

Note: The EPL discharge volume limit for EPL 43 and 50 is 4.32 megalitres per day. Compliance with this criteria was met during the reporting month.

\* The maximum flow rate capacity for Lobs Hole STP/PWTP during the reporting month was 7.63 L/s

^ The maximum flow rate capacity for Tantangara STP/PWTP during the reporting month was 18.68 L/s

-- Water not discharged on this day