



**WATER SAMPLING RESULTS: THREDBO ALPINE VILLAGE S.T.P.**

TESTING CONDUCTED BY ALS Group, Environmental Division, CANBERRA  
 SAMPLE ANALYSIS: 16 Feb 2022 to 13 Dec 2023  
 SITE: UPSTREAM, Thredbo River 3000m upstream of ADP01

| DATE      | TURB NTU | NH <sub>3</sub> mg/l | TN mg/l | TP mg/l | pH   | SS mg/l | Oil & Grease | BOD mg/l | TDP mg/l | AI mg/l | FAECAL COLI |
|-----------|----------|----------------------|---------|---------|------|---------|--------------|----------|----------|---------|-------------|
| 13-Dec-24 | 1.2      | < 0.1                | 0.15    | < 0.01  | 7.85 | < 2     | < 1          | < 2      | 0.01     | 0.1     | 25          |
| 28-Nov-24 | 0.5      | < 0.1                | 0.14    | < 0.01  | 7.55 | 2       | < 1          | < 2      | < 0.01   | 0.06    | 10          |
| 31-Oct-23 | 0.5      | < 0.1                | 0.05    | < 0.01  | 8.15 | < 2     | < 1          | < 2      | < 0.01   | 0.04    | < 1         |
| 17-Oct-23 | 0.7      | < 0.1                | 0.07    | < 0.01  | 7.44 | < 2     | < 1          | < 2      | < 0.01   | 0.06    | 1           |
| 5-Sep-23  | 0.9      | < 0.1                | 0.08    | < 0.01  | 7.71 | < 2     | < 1          | < 2      | < 0.01   | 0.06    | < 1         |
| 8-Aug-23  | 0.9      | < 0.1                | 0.06    | < 0.06  | 6.61 | < 2     | < 1          | < 2      | < 0.01   | 0.06    | < 1         |
| 12-Jul-23 | 0.4      | < 0.1                | 0.07    | < 0.01  | 7.34 | < 2     | < 1          | < 2      | < 0.01   | 0.13    | 1           |
| 13-Jun-23 | 2.1      | < 0.1                | 0.06    | < 0.01  | 7.32 | < 2     | < 1          | < 2      | < 0.01   | 0.08    | 1           |
| 16-May-23 | 0.4      | < 0.1                | < 0.05  | < 0.01  | 6.91 | < 2     | < 1          | < 2      | < 0.01   | 0.04    | < 1         |
| 19-Apr-23 | 1.5      | < 0.1                | 0.1     | < 0.01  | 7.42 | < 2     | < 1          | < 2      | < 0.01   | 0.07    | 1           |
| 21-Mar-23 | 0.5      | < 0.1                | 0.09    | < 0.01  | 6.54 | < 2     | < 1          | < 2      | < 0.01   | 0.65    | 15          |
| 21-Feb-23 | 0.4      | < 0.1                | 0.06    | < 0.01  | 7.01 | 4       | < 1          | < 2      | < 0.01   | 0.05    | 2           |
| 24-Jan-23 | 0.8      | < 0.1                | 0.11    | < 0.01  | 6.85 | < 2     | < 1          | < 2      | < 0.01   | 0.09    | 53          |
| 20-Dec-22 | 4.3      | < 0.1                | < 0.05  | < 0.01  | 6.94 | < 2     | < 1          | < 2      | < 0.01   | 0.05    | < 1         |
| 22-Nov-22 | 0.8      | < 0.1                | 0.07    | < 0.01  | 6.77 | < 2     | < 1          | < 2      | < 0.01   | 0.06    | 2           |
| 25-Oct-22 | 0.9      | < 0.1                | 0.08    | < 0.01  | 7.09 | < 2     | < 1          | < 2      | < 0.01   | 0.07    | < 1         |
| 27-Sep-22 | 0.6      | < 0.1                | 0.13    | < 0.01  | 7.51 | < 2     | < 1          | < 2      | < 0.01   | 0.07    | 2           |
| 31-Aug-22 | 0.6      | < 0.1                | 0.1     | < 0.01  | 6.88 | < 2     | < 1          | < 2      | < 0.01   | 0.06    | 1           |
| 03-Aug-22 | 3        | < 0.1                | 0.14    | < 0.01  | 7.16 | 7       | < 1          | < 2      | < 0.01   | 0.13    | 2           |
| 05-Jul-22 | 1.1      | < 0.1                | 0.09    | < 0.01  | 7.09 | < 2     | < 1          | < 2      | < 0.01   | 0.05    | < 1         |
| 8-Jun-22  | 1.3      | < 0.1                | 1.48    | < 0.01  | 7.28 | < 2     | < 1          | < 2      | < 0.01   | 0.06    | < 2         |
| 11-May-22 | 1        | < 0.1                | 0.1     | < 0.01  | 7.04 | < 2     | < 1          | < 2      | < 0.01   | 0.06    | < 1         |
| 12-Apr-22 | 1.2      | < 0.1                | 0.13    | < 0.01  | 7.31 | < 2     | < 1          | < 2      | < 0.01   | 0.08    | < 1         |
| 15-Mar-22 | 3.2      | < 0.1                | 0.08    | < 0.01  | 7.08 | < 2     | < 1          | < 2      | < 0.01   | 0.08    | 2           |
| 16-Feb-22 | 1.4      | < 0.1                | 0.14    | < 0.01  | 7.18 | < 2     | < 1          | < 2      | < 0.01   | 0.08    | 20          |

TESTING CONDUCTED BY ALS Group, Environmental Division, CANBERRA  
 SAMPLE ANALYSIS: 16 Feb 2022 to 31 Oct 2023  
 SITE: DOWNSTREAM, Thredbo River 500m downstream of swamp out

| DATE      | TURB NTU | NH <sub>3</sub> mg/l | TN mg/l | TP mg/l | pH   | SS mg/l | Oil & Grease | BOD mg/l | TDP mg/l | AI mg/l | FAECAL COLI |
|-----------|----------|----------------------|---------|---------|------|---------|--------------|----------|----------|---------|-------------|
| 13-Dec-23 | 1.3      | 0.1                  | 0.4     | < 0.01  | 7.54 | 2       | < 1          | < 2      | < 0.01   | 0.14    | 15          |
| 28-Nov-23 | 0.7      | < 0.1                | 0.2     | < 0.01  | 7.24 | 2       | < 1          | < 2      | < 0.01   | 0.08    | 12          |
| 31-Oct-23 | 1        | 0.1                  | 0.17    | < 0.01  | 7.73 | < 2     | < 1          | < 2      | < 0.01   | 0.05    | 2           |
| 17-Oct-23 | 0.6      | < 0.1                | 0.11    | < 0.01  | 7.09 | < 2     | < 1          | < 1      | < 0.01   | 0.06    | 1           |
| 5-Sep-23  | 1.1      | < 0.1                | 0.51    | < 0.01  | 7.38 | 2       | < 1          | < 2      | < 0.01   | 0.18    | 6           |
| 8-Aug-23  | 2        | < 0.1                | 0.51    | 0.02    | 6.94 | 3       | < 1          | < 2      | < 0.01   | 0.24    | 48          |
| 12-Jul-23 | 1.1      | < 0.1                | 0.58    | 0.02    | 7.08 | 4       | < 1          | < 2      | < 0.01   | 0.18    | 122         |
| 14-Jun-23 | 3.1      | < 0.1                | 0.06    | < 0.01  | 7.32 | < 2     | < 1          | < 2      | < 0.01   | 0.08    | 1           |
| 16-May-23 | 1.8      | < 0.1                | 0.19    | 0.01    | 7.07 | 3       | < 1          | < 2      | < 0.01   | 0.11    | < 1         |
| 18-Apr-23 | 1.3      | < 0.1                | 0.14    | < 0.01  | 7.42 | 2       | < 1          | < 2      | < 0.01   | 0.08    | 1           |
| 21-Mar-23 | 4.3      | < 0.1                | 0.46    | 0.03    | 6.61 | 21      | < 1          | < 2      | < 0.01   | 0.15    | 12          |
| 21-Feb-23 | 0.4      | < 0.1                | 0.43    | 0.03    | 6.88 | 20      | < 1          | < 2      | < 0.01   | 0.35    | 82          |
| 24-Jan-23 | 0.9      | < 0.1                | 0.17    | < 0.01  | 6.83 | 2       | < 1          | < 2      | < 0.01   | 0.1     | 45          |
| 20-Dec-22 | 2.3      | < 0.1                | 0.14    | < 0.01  | 6.94 | < 2     | < 1          | < 2      | < 0.01   | 0.06    | 3           |
| 22-Nov-22 | 1        | < 0.1                | 0.16    | < 0.01  | 6.85 | < 2     | < 1          | < 2      | < 0.01   | 0.08    | 2           |
| 26-Oct-22 | 1        | < 0.1                | 0.08    | < 0.01  | 6.76 | < 2     | < 1          | < 2      | < 0.01   | 0.07    | 5           |
| 28-Sep-22 | 3.3      | < 0.1                | 0.26    | 0.01    | 7.38 | 9       | < 1          | < 2      | < 0.01   | 0.07    | 147         |
| 31-Aug-22 | 1.7      | < 0.1                | 0.3     | 0.01    | 7.1  | < 2     | < 1          | < 2      | < 0.01   | 0.1     | 1           |
| 03-Aug-22 | 8.2      | < 0.1                | 0.6     | 0.04    | 7.34 | 31      | < 1          | < 2      | < 0.01   | 0.64    | 132         |
| 05-Jul-22 | 1.8      | < 0.1                | 0.38    | 0.02    | 7.38 | < 2     | < 1          | < 2      | < 0.01   | 0.17    | < 1         |
| 08-Jun-22 | 4.1      | 1.2                  | 2.49    | 0.03    | 7.61 | 5       | < 1          | < 2      | 0.01     | 0.3     | 4           |
| 11-May-22 | 1.2      | < 0.1                | 0.08    | < 0.01  | 6.98 | < 2     | < 1          | < 2      | < 0.01   | 0.06    | < 1         |
| 12-Apr-22 | 3.2      | < 0.1                | 0.38    | < 0.01  | 7.28 | < 2     | < 1          | < 2      | < 0.01   | 0.08    | < 1         |
| 16-Mar-22 | 5.9      | < 0.1                | 0.19    | < .01   | 7.2  | < 2     | < 1          | < 2      | < 0.01   | 0.08    | 2           |
| 16-Feb-22 | 2.3      | < 0.1                | 1       | 0.03    | 7.78 | 5       | < 1          | < 2      | 0.01     | 0.2     | 50          |



**WATER SAMPLING RESULTS: THREDBO ALPINE VILLAGE S.T.P.**

TESTING CONDUCTED BY ALSGroup, Environmental Division, CANBERRA

SAMPLE ANALYSIS: 03 Aug 2022 to 13 Dec 2023

SITE: Authorised Discharge Point 01 (ADP01)

| DATE      | TURB NTU | NH <sub>3</sub> mg/l | TN mg/l | TP mg/l | pH   | SS mg/l | Oil & Grease | BOD mg/l | TDP mg/l | Al mg/l | FAECAL COLI |
|-----------|----------|----------------------|---------|---------|------|---------|--------------|----------|----------|---------|-------------|
| 13-Dec-23 | 0.8      | 2.3                  | 3.3     | 0.02    | 7.61 | < 2     | < 1          | < 2      | 0.01     | 0.2     | < 1         |
| 28-Nov-23 | 1.4      | 0.4                  | 1.42    | 0.04    | 7.47 | 2       | < 1          | < 2      | 0.01     | 0.24    | < 1         |
| 31-Oct-23 | 0.4      | 0.2                  | 1.79    | < 0.01  | 7.46 | < 2     | < 1          | < 2      | < 0.01   | 0.1     | < 1         |
| 17-Oct-23 | 0.4      | 0.1                  | 1.28    | < 0.01  | 7.53 | < 2     | < 1          | < 2      | < 0.01   | 0.06    | < 1         |
| 19-Sep-23 | 0.8      | 0.6                  | 2.7     | 0.06    | 7.94 | 3       | < 1          | < 2      | 0.02     | 0.7     | < 1         |
| 5-Sep-23  | 1.7      | 0.3                  | 3.44    | 0.08    | 7.56 | 6       | < 1          | < 2      | 0.02     | 1.02    | < 2         |
| 23-Aug-23 | 3.2      | 0.4                  | 3.86    | 0.16    | 7.6  | 11      | < 1          | < 2      | 0.03     | 1.12    | < 2         |
| 8-Aug-23  | 4.1      | 0.7                  | 4.08    | 0.28    | 7.33 | 12      | < 1          | < 2      | 0.02     | 1.75    | 108         |
| 26-Jul-23 | 3.5      | 0.4                  | 3.83    | 0.2     | 7.27 | 15      | < 1          | < 2      | 0.03     | 1.14    | 4           |
| 12-Jul-23 | 5.3      | 1.1                  | 4.41    | 0.23    | 7.75 | 14      | < 1          | 7        | 0.04     | 0.35    | 710         |
| 28-Jun-23 | 2.4      | 2.6                  | 5.95    | 0.09    | 7.15 | 9       | < 1          | 2        | 0.01     | 1.04    | 7           |
| 14-Jun-23 | 5.2      | 2.2                  | 5.51    | 0.05    | 7.22 | 6       | < 1          | < 2      | < 0.01   | 0.71    | 1           |
| 16-May-23 | 6        | 0.4                  | 3.9     | 0.21    | 7.07 | 3       | < 1          | < 2      | < 0.01   | 0.11    | < 1         |
| 18-Apr-23 | 1.9      | 0.7                  | 2.83    | 0.08    | 7.62 | 6       | < 1          | < 2      | 0.01     | 0.85    | < 1         |
| 22-Mar-23 | 0.4      | < 0.1                | 1.75    | 0.02    | 7.13 | < 2     | < 1          | < 2      | < 0.01   | 0.16    | < 1         |
| 21-Feb-23 | 1.1      | 0.6                  | 2.78    | 0.09    | 7.05 | 2       | < 1          | < 2      | 0.09     | 0.43    | < 1         |
| 24-Jan-23 | 1        | < 0.1                | 1.79    | 0.07    | 7.11 | 3       | < 1          | < 2      | 0.03     | 0.44    | < 1         |
| 20-Dec-22 | 4.5      | 0.9                  | 3.76    | 0.03    | 7.15 | < 2     | < 1          | < 2      | 0.02     | 0.1     | < 1         |
| 22-Nov-22 | 3        | 0.5                  | 2.02    | 0.07    | 6.85 | < 2     | < 1          | < 2      | 0.04     | 0.34    | < 1         |
| 26-Oct-22 | 0.9      | < 0.1                | 2.12    | 0.02    | 7.63 | 2       | < 1          | < 2      | < 0.01   | 0.19    | < 1         |
| 28-Sep-22 | 0.6      | 0.4                  | 4.53    | 0.04    | 7.56 | 2       | < 1          | < 2      | 0.01     | 0.34    | < 1         |
| 14-Sep-22 | 1.3      | 0.2                  | 4.39    | 0.06    | 7.06 | 6       | < 1          | < 2      | 0.02     | 0.54    | < 1         |
| 31-Aug-22 | 5.1      | < 0.1                | 5.89    | 0.22    | 7.56 | 14      | < 1          | < 2      | 0.03     | 0.94    | 97          |
| 17-Aug-22 | 4.7      | 0.1                  | 5.42    | 0.24    | 7.58 | 16      | < 1          | 2        | 0.02     | 1.35    | 9           |
| 3-Aug-22  | 4.4      | 0.5                  | 5.63    | 0.24    | 7.67 | 14      | < 1          | < 2      | 0.02     | 1.56    | < 1         |

TESTING CONDUCTED BY ALSGroup, Environmental Division, CANBERRA

SAMPLE ANALYSIS: 16 Feb 2022 to 13 Dec 2023

SITE: SWAMP OUT, wetland discharge into the Thredbo River, 250m from ADP01

| DATE      | TURB NTU | NH <sub>3</sub> mg/l | TN mg/l | TP mg/l | pH   | SS mg/l | Oil & Grease | BOD mg/l | TDP mg/l | Al mg/l | FAECAL COLI |
|-----------|----------|----------------------|---------|---------|------|---------|--------------|----------|----------|---------|-------------|
| 13-Dec-23 | 3.1      | 1.4                  | 2.82    | 0.04    | 7.65 | 5       | < 1          | < 2      | 0.02     | 0.22    | 58          |
| 28-Nov-23 | 1.4      | 0.1                  | 1.35    | 0.04    | 7.6  | 3       | < 1          | < 2      | 0.01     | 0.26    | < 1         |
| 31-Oct-23 | 1.5      | 0.1                  | 1.48    | 0.01    | 7.67 | 5       | < 1          | < 2      | < 0.01   | 0.17    | 1           |
| 17-Oct-23 | 1.2      | < 0.1                | 1.09    | 0.02    | 7.66 | 3       | < 1          | < 2      | 0.01     | 0.26    | < 1         |
| 5-Sep-23  | 1.6      | 0.3                  | 3.51    | 0.08    | 7.74 | 6       | < 1          | < 2      | 0.02     | 1       | < 2         |
| 8-Aug-23  | 3.7      | 0.6                  | 3.74    | 0.27    | 7.53 | 13      | < 1          | < 2      | 0.02     | 1.68    | 212         |
| 12-Jul-23 | 4.3      | 0.8                  | 3.94    | 0.2     | 7.77 | 11      | < 1          | 6        | 0.04     | 0.29    | 520         |
| 14-Jun-23 | 3.2      | 1.6                  | 4.38    | 0.04    | 7.44 | 6       | < 1          | < 2      | 0.01     | 0.64    | 1           |
| 16-May-23 | 5.3      | 0.2                  | 2.93    | 0.23    | 7.73 | 8       | < 1          | 3        | 0.21     | 2.2     | 2           |
| 18-Apr-23 | 4.3      | 0.4                  | 2.49    | 0.05    | 7.77 | 14      | < 1          | < 2      | 0.01     | 0.53    | 1           |
| 21-Mar-23 | 2        | < 0.1                | 1.87    | 0.04    | 7.29 | 3       | < 1          | < 2      | 0.02     | 0.33    | 31          |
| 21-Feb-23 | 1        | < 0.1                | 2.52    | 0.04    | 7.47 | < 2     | < 1          | < 2      | 0.02     | 0.2     | 5           |
| 24-Jan-23 | 5.7      | < 0.1                | 1.64    | 0.12    | 7.47 | 37      | < 1          | < 2      | 0.06     | 1.12    | 116         |
| 21-Dec-22 | 2.1      | < 0.1                | 2.02    | 0.03    | 7.35 | 2       | < 1          | < 2      | 0.02     | 0.13    | 13          |
| 22-Nov-22 | 2        | 0.3                  | 1.35    | 0.04    | 7.33 | 3       | < 1          | < 2      | 0.03     | 0.22    | 6           |
| 26-Oct-22 | 1.5      | < 0.1                | 1.07    | 0.02    | 7.62 | 2       | < 1          | < 2      | 0.01     | 0.14    | 16          |
| 28-Sep-22 | 3.5      | 0.2                  | 2.23    | 0.07    | 7.6  | 13      | < 1          | < 2      | 0.02     | 0.54    | 160         |
| 31-Aug-22 | 4.8      | < 0.1                | 4       | 0.17    | 7.66 | 13      | < 1          | < 2      | 0.03     | 0.76    | 22          |
| 03-Aug-22 | 6.9      | 0.1                  | 2.39    | 0.14    | 7.59 | 17      | < 1          | < 2      | 0.02     | 0.82    | 74          |
| 05-Jul-22 | 4.4      | 0.2                  | 3.37    | 0.31    | 7.83 | 10      | < 1          | 3        | 0.06     | 1.36    | < 1         |
| 08-Jun-22 | 2.2      | 1.9                  | 3.67    | 0.03    | 7.63 | 3       | < 1          | < 2      | 0.01     | 0.31    | 2           |
| 11-May-22 | 1.7      | < 0.1                | 1.76    | 0.04    | 8.04 | 3       | < 1          | < 2      | 0.02     | 0.39    | < 1         |
| 12-Apr-22 | 2.7      | < 0.1                | 3.25    | 0.05    | 7.93 | 3       | < 1          | < 2      | 0.03     | 0.36    | 7           |
| 16-Mar-22 | 7.7      | 0.2                  | 2.59    | 0.04    | 7.75 | 4       | < 1          | < 2      | 0.02     | 0.4     | 76          |
| 16-Feb-22 | 2.7      | < 0.1                | 1.99    | 0.07    | 8.06 | 6       | < 1          | < 2      | 0.03     | 0.35    | 79          |