

**Snowy Monaro Regional Council**  
**Monthly Effluent Discharge Test Results**  
Bombala STP - EPA Licence: 1752  
EPA Point 1 (Discharge)

| <i>DATE</i>            | <i>pH</i><br>(pH Unit)  | <i>TSS</i><br>(mg/l) | <i>Oil &amp; Grease</i><br>(mg/l) | <i>BOD</i><br>(mg/l) | <i>Ammonia</i><br>(mg/l) N | <i>Total N</i><br>(mg/l) | <i>Total P</i><br>(mg/l) P | <i>Dissolved Aluminium</i><br>(mg/l) N | <i>Total Aluminium</i><br>mg/L | <i>Faecal C</i><br>(CFU/100ml) | <i>Entered</i><br>by |
|------------------------|---|----------------------|-----------------------------------|----------------------|----------------------------|--------------------------|----------------------------|--|--------------------------------|--------------------------------|----------------------|
| 15-May-24              | 7.60  | 1.00                 | 0.50                              | 1.00                 | 0.05                       | 4.64                     | 0.10                       | 0.03                                   | 0.05                           | 0.50                           | CK                   |
| 12-Jun-24              | 7.70  | 3.00                 | 0.50                              | 2.00                 | 3.20                       | 7.20                     | 0.20                       | 0.06                                   | 0.26                           | 6.00                           | CK                   |
| 11-Jul-24              | 7.44  | 1                    | 0.5                               | 1                    | 0.05                       | 11.2                     | 0.20                       | 0.04                                   | 0.07                           | 0.50                           | CK                   |
| 07-Aug-24              | 7.17  | 1.00                 | 0.50                              | 2.00                 | 0.05                       | 6.13                     | 0.08                       | 0.04                                   | 0.06                           | 0.50                           | CK                   |
| 04-Sep-24              | 7.70  | 1.00                 | 0.50                              | 1.00                 | 0.10                       | 7.62                     | 0.10                       | 0.04                                   | 0.06                           | 0.50                           | EA                   |
| 02-Oct-24              | 7.68  | 3.00                 | 0.50                              | 1.50                 | 0.10                       | 4.63                     | 0.14                       | 0.04                                   | 0.08                           | 0.50                           | EA                   |
| 30-Oct-24              | 7.23  | 2.00                 | 0.50                              | 1.00                 | 0.20                       | 5.39                     | 0.18                       | 0.03                                   | 0.08                           | 1.00                           | EA                   |
| Lowest                 | 7.17  | 1.00                 | 0.50                              | 1.00                 | 0.05                       | 4.63                     | 0.08                       | 0.03                                   | 0.05                           | 0.50                           |                      |
| Mean                   | 7.50  | 1.71                 | 0.50                              | 1.36                 | 0.54                       | 6.69                     | 0.14                       | 0.04                                   | 0.09                           | 1.36                           |                      |
| Highest                | 7.70  | 3.00                 | 0.50                              | 2.00                 | 3.20                       | 11.20                    | 0.20                       | 0.06                                   | 0.26                           | 6.00                           |                      |
| 90%ile                 |   | 3                    | 0.5                               | 2                    | 1.4                        | 9.052                    | 0.2                        |  |                                | 3                              |                      |
| 100%ile                |   | 3                    | 0.5                               | 2                    | 3.2                        | 11.2                     | 0.2                        |  |                                | 6                              |                      |
| Licence Target         |   |                      |                                   |                      |                            |                          |                            |  |                                |                                |                      |
| 90%                    | 6.5-8.5   | 15                   | 2                                 | 10                   | 2                          | 10                       | 0.3                        | N/A                                    | N/A                            | 200                            |                      |
| 100%                   |   | 20                   | 10                                | 15                   | 5                          | 15                       | 0.5                        |  |                                | 600                            |                      |
| Summary of Exceedances |   |                      |                                   |                      |                            |                          |                            |  |                                |                                |                      |
| <b>Date</b>            | <b>Summary</b>  |                      |                                   |                      |                            |                          |                            |  |                                |                                |                      |
| 12/06/2024             | There was a fault with the air valve actuator causing aeration sequence to fail and high ammonia reported to EPA 11th June. |                      |                                   |                      |                            |                          |                            |  |                                |                                |                      |
| 11/07/2024             | Nitrogen exceedance due to cold temperatures. Operator has made adjustments to bring back under the limit.                  |                      |                                   |                      |                            |                          |                            |  |                                |                                |                      |
|                        |   |                      |                                   |                      |                            |                          |                            |  |                                |                                |                      |
|                        |   |                      |                                   |                      |                            |                          |                            |  |                                |                                |                      |