

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

<i>DATE</i>	<i>pH</i> (pH Unit)	<i>TSS</i> (mg/l)	<i>Oil & Grease</i> (mg/l)	<i>BOD</i> (mg/l)	<i>Ammonia</i> (mg/l) N	<i>Total N</i> (mg/l)	<i>Total P</i> (mg/l) P	<i>Dissolved Aluminium</i> (mg/l) N	<i>Total Aluminium</i> mg/L	<i>Faecal C</i> (CFU/100ml)	<i>Entered</i> by
17-May-23	7.93	2	0.5	1	0.05	0.31	0.02	0.11	0.16	7	CK
14-Jun-23	7.15	3	0.5	1	0.4	17.7	0.06	0.02	0.02	0.5	CK
12-Jul-23	7.48	1	0.5	1	0.4	16.6	0.08	n/a	n/a	0.5	CK
09-Aug-23	7.17	1	0.50	1	0.30	20.20	0.10	0.04	0.08	1.00	CK
06-Sep-23	7.23	2	0.50	1	0.20	17.80	0.08	0.04	0.07	1.00	CK
04-Oct-23	7.47	1	0.50	1	0.05	6.16	0.06	0.05	0.08	0.50	CK
01-Nov-23	7.66	1	0.50	1	0.10	6.28	0.08	0.05	0.06	1.00	CK
29-Nov-23	6.72	9	0.50	4	0.40	9.40	0.21	0.03	0.12	2	CK
27-Dec-23	7.3	6	0.5	5	1.6	8.09	0.19	0.08	0.16	6	CK
24-Jan-24	7.51	1	0.5	1	0.3	7.48	0.08	0.03	0.05	1	CK
21-Feb-24	7.53	1	0.5	1	0.4	3.04	0.2	0.03	0.05	0.5	CK
20-Mar-24	7.63	2	0.5	1	0.05	5.15	0.13	0.03	0.05	0.5	CK
Lowest	6.72	1.00	0.50	1.00	0.05	0.31	0.02	0.02	0.02	0.50	
Mean	7.40	2.50	0.50	1.58	0.35	9.85	0.11	0.05	0.08	1.79	
Highest	7.93	9.00	0.50	5.00	1.60	20.20	0.21	0.11	0.16	7.00	
90%ile		5.7	0.5	3.7	0.4	17.79	0.199			5.6	
100%ile		9	0.5	5	1.6	20.2	0.21			7	
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											
Date	Summary										
14/06/2023	Nitrogen exceedance of the 100th percentile due to fault in aeration air valve causing low oxygen and lack of de-nitrification.										
12/07/2023	Nitrogen exceedance of the 100th percentile due to intermittent fault with air valve causing low aeration and lack of de-nitrification.										
9/08/2023	Nitrogen exceedance of the 100th percentile due to over aeration, aeration limits have been lowered to decrease nitrogen levels.										
6/09/2023	Nitrogen exceedance of the 100th percentile due to over aeration, aeration is being closely monitored and MLS has been increased to decrease nitrogen levels.										

Snowy Monaro Regional Council
Monthly Effluent Discharge Test Results
Bombala STP - EPA Licence: 1752
EPA Point 3 (Upstream)

<i>DATE</i>	<i>pH</i> (pH Unit)	<i>TSS</i> (mg/l)	<i>Oil & Grease</i> (mg/l)	<i>BOD</i> (mg/l)	<i>Ammonia</i> (mg/l) N	<i>Total N</i> Total N(mg/l)	<i>Total P</i> (mg/l) P	<i>f coliform</i> (CFU/100ml)	<i>Entered</i> by
17-May-23	7.64	1	0.5	1	0.2	12.8	0.06	1	CK
14-Jun-23	7.52	3	0.5	1	0.05	0.28	0.01	15	CK
12-Jul-23	8.04	1	0.5	1	0.05	0.23	0.01	1	CK
9-Aug-23	8	4	0.5	1	0.05	0.24	0.005	4	CK
6-Sep-23	8.06	4	0.5	1	0.05	0.22	0.005	1	CK
4-Oct-23	7.99	6	0.5	2	0.05	0.32	0.02	4	CK
01-Nov-23	8.23	3	0.5	1	0.05	0.32	0.01	4	CK
29-Nov-23	7.7	3	0.5	1	0.05	0.39	0.02	34	CK
27-Dec-23	7.3	14	0.5	2	0.05	1.32	0.07	1170	CK
24-Jan-24	7.79	1	0.5	1	0.05	0.55	0.03	8	CK
21-Feb-24	8.07	3	0.5	1	0.05	0.38	0.02	36	CK
20-Mar-24	7.93	3	0.5	1	0.05	0.39	0.06	10	CK
Lowest	7.30	1.00	0.50	1.00	0.05	0.22	0.01	1.00	0.00
Mean	7.86	3.83	0.50	1.17	0.06	1.45	0.03	107.33	0
Highest	8.23	14.00	0.50	2.00	0.20	12.80	0.07	1170.00	0.00

Snowy Monaro Regional Council
Monthly Effluent Discharge Test Results
Bombala STP - EPA Licence: 1752
EPA Point 3 (Downstream)

<i>DATE</i>	<i>pH</i> (pH Unit)	<i>TSS</i> (mg/l)	<i>Oil & Grease</i> (mg/l)	<i>BOD</i> (mg/l)	<i>Ammonia</i> (mg/l) N	<i>Total N</i> Total N(mg/l)	<i>Total P</i> (mg/l) P	<i>f coliform</i> CFU/100ml	<i>Entered</i> by
17-May-23	7.87	4	1	2	0.05	0.36	0.02	30	CK
14-Jun-23	7.61	4	0.5	1	0.05	0.26	0.01	18	CK
12-Jul-23	8.08	2	0.5	1	0.05	0.28	0.01	1	CK
9-Aug-23	8.07	3	0.5	1	0.05	0.23	0.005	6	CK
6-Sep-23	8.13	6	0.5	1	0.05	0.34	0.005	2	CK
04-Oct-23	7.2	14	0.5	1	0.05	0.36	0.02	6	CK
01-Nov-23	8.11	3	0.5	1	0.05	0.42	0.01	1	CK
29-Nov-23	7.96	6	0.5	2	0.05	0.63	0.02	30	CK
27-Dec-23	7.21	16	0.5	1	0.05	1.42	0.08	5230	CK
24-Jan-24	7.87	1	0.5	1	0.05	0.6	0.03	50	CK
21-Feb-24	8.06	4	0.05	1	0.05	0.44	0.03	100	CK
20-Mar-24	7.94	5	0.5	1	0.05	0.65	0.06	102	CK
Lowest	7.20	1.00	0.05	1.00	0.05	0.23	0.01	1.00	0.00
Mean	7.84	5.67	0.50	1.17	0.05	0.50	0.03	464.67	0
Highest	8.13	16.00	1.00	2.00	0.05	1.42	0.08	5230.00	0.00