

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
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	
07-Aug-24	7.17	1.00	0.50	2.00	0.05	6.13	0.08	0.04	0.06	0.50	CK
Lowest	7.17	1.00	0.50	1.00	0.05	4.64	0.08	0.03	0.05	0.50	
Mean	7.48	1.50	0.50	1.50	0.84	7.29	0.15	0.04	0.11	1.88	
Highest	7.70	3.00	0.50	2.00	3.20	11.20	0.20	0.06	0.26	6.00	
90%ile		2.4	0.5	2	2.255	10	0.2			4.35	
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											
Date	Summary										
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.										

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Monthly Effluent Discharge Test Results
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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
15-May-24	7.44	8	0.5	1	0.05	0.77	0.06	220	CK
12-Jun-24	7.17	7	0.5	1	0.05	0.68	0.05	142	CK
11-Jul-24	7.71	8	0.5	1	0.05	0.28	0.03	8	CK
7-Aug-24	7.55	5	0.5	1	0.05	0.24	0.02	2	CK
Lowest	7.17	5.00	0.50	1.00	0.05	0.24	0.02	2.00	
Mean	7.47	7.00	0.50	1.00	0.05	0.49	0.04	93.00	
Highest	7.71	8.00	0.50	1.00	0.05	0.77	0.06	220.00	

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EPA Point 4 (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
15-May-24	7.39	6	0.5	1	0.05	0.76	0.06	226	CK
12-Jun-24	7.57	7	0.5	1	0.05	0.69	0.05	390	CK
11-Jul-24	7.79	4	0.5	1	0.05	0.27	0.02	12	CK
7-Aug-24	7.71	5	0.5	1	0.05	0.28	0.02	6	CK
Lowest	7.39	4.00	0.50	1.00	0.05	0.27	0.02	6.00	0.00
Mean	7.62	5.50	0.50	1.00	0.05	0.50	0.04	158.50	0
Highest	7.79	7.00	0.50	1.00	0.05	0.76	0.06	390.00	0.00