

Snowy Monaro Regional Council
Monthly Effluent Discharge Test Results
The Glen STP (Cooma) - EPA Licence: 6368
EPA Point 1

DATE	BOD (mg/L)	TSS (mg/l)	Total P (mg/l)	Ammonia (mg/l) N	Total N Oxidised N(mg/l)	O & G (mg/l) P	pH (pH unit)	Faecal C CFU/100ml	Entered by
24-Jan-24	1	7	0.10	0.05	3.02	0.5	7.87	5	CK
21-Feb-24	1	4	0.34	0.05	4.58	0.5	7.86	1	CK
20-Mar-24	1	4	0.11	0.05	3.58	0.5	7.77	0.5	CK
Lowest	1.00	4.00	0.10	0.05	3.02	0.50	7.77	0.50	0.00
Mean	1.00	5.00	0.18	0.05	3.73	0.50	7.83	2.17	0
Highest	1.00	7.00	0.34	0.05	4.58	0.50	7.87	5.00	0.00
90%ile	1	6.4	0.294	0.05	4.38	0.5		4.2	
100%ile	1	7	0.34	0.05	4.58	0.5		5	
Licence Target									
90%	10	15	0.3	2	10	2		200	
100%	15	20	1	5	15	10	6.5-8.5	600	
Summary of Exceedances									
Date	Summary								
21/02/2024	The plant operator results have been under 0.3 at the discharge for the month of February and under 0.2 for the week of ALS testing. There has been some issues with algae growth in the filter feed pump which may have caused high phosphorus reads this has been cleaned twice in the last week.								

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EPA Point 5 Downstream

<i>DATE</i>	<i>BOD</i> (mg/L)	<i>TSS</i> (mg/l)	<i>Total P</i> (mg/l)	<i>Ammonia</i> (mg/l) N	<i>Total N</i> Oxidised N(mg/l)	<i>O & G</i> (mg/l) P	<i>pH</i> (pH unit)	<i>Faecal C</i> (CFU/100ml)	<i>Entered</i> by
24-Jan-24	1	20	0.21	0.05	0.76	0.50	8.21	18	CK
21-Feb-24	0.5	12	0.12	0.05	1.99	0.50	8.20	214	CK
20-Mar-24	1	11	0.11	0.05	0.48	0.50	8.21	356	CK
Lowest	0.50	11.00	0.11	0.05	0.48	0.50	8.20	18.00	0.00
Mean	0.83	14.33	0.15	0.05	1.08	0.50	8.21	196.00	0
Highest	1.00	20.00	0.21	0.05	1.99	0.50	8.21	356.00	0.00

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Monthly Effluent Discharge Test Results
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EPA Point 6 Upstream

<i>DATE</i>	<i>BOD</i> (mg/L)	<i>TSS</i> (mg/l)	<i>Total P</i> (mg/l)	<i>Ammonia</i> (mg/l) N	<i>Total N</i> Oxidised N(mg/l)	<i>O & G</i> (mg/l) P	<i>pH</i> (pH unit)	<i>Faecal C</i> (CFU/100ml)	<i>Entered</i> by
24-Jan-24	1	16	0.21	0.05	0.67	0.5	8.26	4	CK
21-Feb-24	1	5	0.07	0.05	4	0.5	8.27	114	CK
20-Mar-24	1	6	0.1	0.05	0.33	0.5	8.21	56	CK
Lowest	1.00	5.00	0.07	0.05	0.33	0.50	8.21	4.00	
Mean	1.00	9.00	0.13	0.05	1.67	0.50	8.25	58.00	
Highest	1.00	16.00	0.21	0.05	4.00	0.50	8.27	114.00	