

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-23	2	6	0.07	0.2	5.23	0.5	7.10	1	CK
22-Feb-23	1	4	0.12	0.05	5.28	0.5	7.14	2	CK
22-Mar-23	1	1	0.04	0.2	7.18	0.5	7.64	1	CK
19-Apr-23	1	1	0.04	0.05	4.81	0.5	7.69	0.5	CK
17-May-23	1	1	1.17	0.05	6.96	0.5	7.71	4	CK
14-Jun-23	1	1	0.06	5	13.9	0.5	7.55	1	CK
12-Jul-23	1	1	0.12	0.05	5.17	0.5	7.17	1	CK
09-Aug-23	1	1	0.05	0.05	5.74	0.5	7.43	2	CK
06-Sep-23	1	1	0.05	0.05	4.78	0.5	7.27	1	CK
04-Oct-23	1	1	0.06	0.05	4.67	0.5	7.34	1	CK
01-Nov-23	1	1	0.04	0.30	3.39	0.5	7.25	1	CK
29-Nov-23	1	5	0.07	0.10	5.71	0.5	7.30	100	CK
27-Dec-23	1	1	0.02	0.05	6.3	0.5	7.03	1	CK
Lowest	1.00	1.00	0.02	0.05	3.39	0.50	7.03	0.50	0.00
Mean	1.08	2.00	0.16	0.51	6.07	0.50	7.38	9.63	0
Highest	2.00	6.00	1.17	5.00	13.90	0.50	7.71	100.00	0.00
90%ile	1	4.9	0.12	0.29	7.158	0.5		3.8	
100%ile	2	6	1.17	5	13.9	0.5		100	
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								
17/05/2023	Operator results are all below licence limit of 0.3mg/L Phosphorus for the entire month of May, possibly a bad sample/result from the lab.								
14/06/2023	IDAL 1 tank was offline due to repairs to the decanter. On 13th June IDAL tank 1 was re-seeded with sludge from IDAL 2 and tested that everything was within limits before it became operational on 14th June. The lab sample was taken in the morning and results were all within limits by the afternoon of 14/6/23.								

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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
17-May-23	1	2	0.04	0.05	0.78	1.00	8.33	28	CK
14-Jun-23	1	3	0.04	0.05	1.43	0.50	8.24	20	CK
12-Jul-23	1	5	0.04	0.05	0.78	0.50	8.26	36	CK
09-Aug-23	1	2	0.04	0.05	0.84	0.50	8.25	40	CK
06-Sep-23	1	9	0.05	0.05	1.14	0.50	8.35	46	CK
04-Oct-23	1	11	0.10	0.05	1.34	0.50	8.24	250.00	CK
01-Nov-23	1	7	0.06	0.05	1.17	0.50	8.30	74	CK
29-Nov-23	2	5	0.07	0.10	5.71	0.50	7.30	100	CK
27-Dec-23	2	138	0.38	0.05	1.5	1.0	7.77	1370	CK
Lowest	1.00	2.00	0.04	0.05	0.78	0.50	7.30	20.00	0.00
Mean	1.22	20.22	0.09	0.06	1.63	0.61	8.12	218.22	0
Highest	2.00	138.00	0.38	0.10	5.71	1.00	8.35	1370.00	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
17-May-23	1	4	0.04	0.05	0.22	0.5	8.41	20	CK
14-Jun-23	1	2	0.04	0.05	0.42	0.5	8.32	28	CK
12-Jul-23	1	4	0.03	0.05	0.34	0.5	8.32	30	CK
09-Aug-23	1	6	0.04	0.05	0.26	0.5	8.3	26	CK
06-Sep-23	1	6	0.16	0.05	0.24	0.5	8.42	10	CK
04-Oct-23	1	4	0.10	0.05	0.32	0.5	8.30	54	CK
01-Nov-23	1	60	0.12	0.05	0.35	0.5	8.23	4	CK
29-Nov-23	1	19	0.19	0.05	1.18	0.5	8.18	320	CK
27-Dec-23	1	140	0.40	0.05	1.52	1	7.75	1750	CK
Lowest	1.00	2.00	0.03	0.05	0.22	0.50	7.75	4.00	
Mean	1.00	27.22	0.12	0.05	0.54	0.56	8.25	249.11	
Highest	1.00	140.00	0.40	0.05	1.52	1.00	8.42	1750.00	