

Snowy Monaro Regional Council
Monthly Effluent Discharge Test Results
 Adaminaby STP - EPA Licence: 450
 EPA Point 1

DATE	pH	BOD (mg/l)	Oil & Grease (mg/l)	TSS (mg/l)	Faecal C (CFU/100ml)	Ammonia (mg/l) N	Total P (mg/l) P	Total N TKN+NOX	Chlorophyll µg/L	Chlorine (residual) mg/L	Reviewed by	Entered by
05-Oct-22	7.24	2.00	0.50	8.00	328.00	2.00	2.02	11.70		no data		CK
02-Nov-22	7.30	1.00	1.00	6.00	1160.00	1.10	1.01	5.29	1.05	0.02		CK
30-Nov-22	6.78	2.00	0.50	4.00	64.00	1.00	2.28	6.00	4.50	0.07	CK	SC
21-Dec-22	6.85	10.00	0.50	10.00	358.00	2.30	3.22	4.31	11.40	0.00	CK	SC
24-Jan-23	6.89	7.00	0.50	18.00	560.00	4.20	5.08	6.46	13.50	0.00		CK
22-Feb-23	7.35	1.00	0.50	5.00	64.00	3.80	4.22	5.25	41.10	0.03		CK
22-Mar-23	6.77	3.00	0.50	4.00	12.00	1.10	4.29	5.48	21.00	0.00		CK
19-Apr-23	7.35	3.00	0.50	10.00	4.00	6.80	2.57	12.00	6.04	0.00		CK
17-May-23	7.11	10.00	0.50	6.00	1.00	4.60	3.00	15.80	5.12	0.00		CK
14-Jun-23	7.22	7.00	0.50	17.00	1.00	7.30	3.39	19.80	5.42	0.06		CK
12-Jul-23	7.60	8.00	0.50	9.00	0.50	10.60	3.44	19.60	2.36	0.01		CK
Lowest	6.77	1.00	0.50	4.00	0.50	1.00	1.01	4.31	1.05	0.00		
Mean	7.13	4.91	0.55	8.82	232.05	4.07	3.14	10.15	11.15	0.02		
Highest	7.60	10.00	1.00	18.00	1160.00	10.60	5.08	19.80	41.10	0.07		
90%ile					560.00							
100%ile		10.00	1.00	18.00	1160.00					0.07		
Licence Target												
90%					200							
100%		20	10	30	1000					0.1		
Summary of Non-Compliance												
Date	Summary											
5/10/2022	Faecal Coliforms over 90th %ile due to increased flows, snow fall and rainfall at the plant and aging infrastructure.											
2/11/2022	Faecal Coliforms over 100th %ile due to increased flows at the plant and aging infrastructure.											
21/12/2022	Faecal Coliforms over the 90th %ile due to increased temperatures at the plant and aging infrastructure.											
24/01/2023	Faecal Coliforms over the 90th %ile due to increased temperatures at the plant and aging infrastructure.											

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Monthly Effluent Discharge Test Results
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 EPA Point 2 (Upstream)

<i>DATE</i>	<i>pH</i>	<i>BOD</i> <i>(mg/l)</i>	<i>Oil & Grease</i> <i>(mg/l)</i>	<i>TSS</i> <i>(mg/l)</i>	<i>Ammonia</i> <i>(mg/l) N</i>	<i>Total P</i> <i>(mg/l) P</i>	<i>Total N</i> <i>TKN+NOX</i>	<i>Reviewed</i> <i>by</i>	<i>Entered</i> <i>by</i>
05-Oct-22	7.97		0.50	8.00	0.05	0.07	1.16		CK
02-Nov-22	7.40	1.00	0.50	105.00	0.05	0.11	1.20		CK
30-Nov-22	6.44	1.00	0.50	120.00	0.30	0.14	0.90	CK	SC
21-Dec-22	7.28	2.00	0.50	8.00	0.05	0.04	0.85	CK	SC
24-Jan-23	6.89	1.00	0.50	11.00	0.05	0.03	0.66		CK
22-Feb-23	6.93	2.00	0.50	33.00	0.05	0.09	0.86		CK
22-Mar-23	6.73	3.00	0.50	10.00	0.05	0.05	0.63		CK
19-Apr-23	7.42	2.00	0.50	29.00	0.05	0.06	0.78		CK
17-May-23	7.81	1.00	0.50	12.00	0.05	0.03	0.67		CK
14-Jun-23	7.60	1.00	0.50	3.00	0.05	0.03	0.67		CK
12-Jul-23	7.8	8	0.5	2	0.05	0.03	0.61		CK
Lowest	6.44	1.00	0.50	2.00	0.05	0.03	0.61		
Mean	7.29	2.20	0.50	31.00	0.07	0.06	0.82		
Highest	7.97	8.00	0.50	120.00	0.30	0.14	1.20		

Snowy Monaro Regional Council
Monthly Effluent Discharge Test Results
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 EPA Point 3 (Downstream)

<i>DATE</i>	<i>pH</i>	<i>BOD</i> <i>(mg/l)</i>	<i>Oil & Grease</i> <i>(mg/l)</i>	<i>TSS</i> <i>(mg/l)</i>	<i>Ammonia</i> <i>(mg/l) N</i>	<i>Total P</i> <i>(mg/l) P</i>	<i>Total N</i> <i>TKN+NOX</i>	<i>Reviewed</i> <i>by</i>	<i>Entered</i> <i>by</i>
05-Oct-22	8.01		0.50	96.00	0.05	0.23	1.60		CK
02-Nov-22	7.79	1.00	0.50	85.00	0.05	0.20	1.93		CK
30-Nov-22	7.54	1.00	0.50	14.00	0.05	0.06	1.24	CK	SC
21-Dec-22	7.37	1.00	0.50	22.00	0.10	0.18	1.08	CK	SC
24-Jan-23	7.31	3.00	0.50	11.00	0.10	0.51	1.76		CK
22-Feb-23	7.40	1.00	0.50	38.00	0.10	0.32	1.55		CK
22-Mar-23	6.47	3.00	0.50	35.00	0.40	3.65	2.26		CK
19-Apr-23	7.38	1.00	0.50	13.00	2.20	0.99	4.48		CK
17-May-23	7.84	2.00	0.50	10.00	0.80	0.51	3.39		CK
14-Jun-23	7.68	1.00	0.50	11.00	0.40	0.21	1.87		CK
12-Jul-23	7.92	1.00	0.50	14.00	0.50	0.26	2.19		CK
Lowest	6.47	1.00	0.50	10.00	0.05	0.06	1.08		
Mean	7.52	1.50	0.50	31.73	0.43	0.65	2.12		
Highest	8.01	3.00	0.50	96.00	2.20	3.65	4.48		