

Snowy Monaro Regional Council Monthly Effluent Discharge Test Results

Adaminaby STP - EPA Licence: 450

EPA Point 2 - Final Discharge Effluent Sampling

DATE	pH	TSS (mg/l)	Oil & Grease (mg/l)	BOD (mg/l)	Ammonia (mg/l)	Total N (mg/l) N	Total P (mg/l) P	Aluminium dissolved (mg/L)	Aluminium total (mg/L)	Faecal Coliforms (CFU/100ml)	Entered by
04-Oct-23	7.82	17.00	0.50	6.00	0.50	4.14	0.35	0.05	2.05	1.00	CK
01-Nov-23	7.90	26.00	0.50	4.00	1.00	14.40	0.41	0.07	4.17	1.00	CK
29-Nov-23	7.63	19.00	0.50	5.00	0.05	3.12	0.30	0.05	3.18	0.50	CK
27-Dec-23	6.96	22.00	0.50	1.00	0.05	9.37	0.30	0.02	3.51	0.50	CK
24-Jan-24	7.77	1.00	0.50	1.00	0.05	2.22	0.03	0.05	0.31	0.50	CK
21-Feb-24	7.80	3.00	0.50	1.00	0.05	0.71	0.17	0.06	0.25	0.50	CK
20-Mar-24	7.65	4.00	0.50	1.00	0.05	2.28	0.04	0.03	0.25	0.50	CK
17-Apr-24	7.87	3.00	0.50	1.00	0.05	2.14	0.05	0.08	0.29	0.50	CK
15-May-24	7.12	1.00	0.50	1.00	0.05	2.34	0.04	0.03	0.12	0.50	CK
12-Jun-24	7.77	2.00	0.50	2.00	0.10	2.41	0.10	0.06	0.40	0.50	CK
Lowest	6.96	1.00	0.50	1.00	0.05	0.71	0.03	0.02	0.12	0.50	
Mean	7.63	9.80	0.50	2.30	0.20	4.31	0.18	0.05	1.45	0.60	
Highest	7.90	26.00	0.50	6.00	1.00	14.40	0.41	0.08	4.17	1.00	
90%ile		22.40	0.50	5.10	0.55	9.87	0.36	0.07	3.58	1.00	
100%ile											
Licence Target											
90%	6.5-8.5	15	2	10	2	10	0.5			200	
100%											
Summary of Non-Compliance											
Date	Summary										
4/10/2023	TSS over the 90th percentile limit due to the lack of grit removal. The repair for this has been ordered.										
1/11/2023	TSS over the 90th percentile limit due to the lack of grit removal. The casings have been received, waiting on pumps. Nitrogen higher than the 90th percentile due to operator attempts to keep ammonia under limits.										
19/11/2023	TSS over the 90th percentile due to lack of grit removal. The grit pumps were replaced 1/12/2023.										
27/12/2023	TSS over the 90th percentile due to high inflow before and on the testing day causing the plant to bypass.										

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 EPA Point 5 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>Faecal</i> <i>Coliforms</i> <i>(CFU/100ml)</i>	<i>Entered</i> <i>by</i>
04-Oct-23	7.90	1.00	0.50	12.00	0.05	0.05	0.44		CK
01-Nov-23	7.76	1.00	0.50	13.00	0.05	0.07	0.50	10	CK
29-Nov-23	7.55	4.00	0.50	23.00	0.05	0.17	1.37	8500	CK
27-Dec-23	7.12	6.00	0.50	31.00	0.05	0.17	2.03	640	CK
24-Jan-24	7.87	12.00	1.00	76.00	0.05	0.10	1.97	68	CK
21-Feb-24	7.66	2.00	0.50	21.00	0.05	0.04	2.13	90	CK
20-Mar-24	7.91	5.00	0.50	19.00	0.05	0.10	0.89	28	CK
17-Apr-24	no water								CK
15-May-24	no water								CK
12-Jun-24	no water								CK
Lowest	7.12	1.00	0.50	12.00	0.05	0.04	0.44	10.00	
Mean	7.68	4.43	0.57	27.86	0.05	0.10	1.33	1556.00	
Highest	7.91	12.00	1.00	76.00	0.05	0.17	2.13	8500.00	

Snowy Monaro Regional Council
Monthly Effluent Discharge Test Results
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 EPA Point 4 (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>Faecal</i> <i>Coliforms</i> <i>(CFU/100ml)</i>	<i>Entered</i> <i>by</i>
04-Oct-23	8.09	2.00	0.50	48.00	0.30	0.24	2.04		CK
01-Nov-23	7.99	3.00	0.50	134.00	1.30	0.41	15.50	1440	CK
29-Nov-23	7.71	4.00	0.50	48.00	0.05	0.18	1.39	500	CK
27-Dec-23	7.12	4.00	0.50	15.00	0.05	0.10	1.87	660	CK
24-Jan-24	7.94	1.00	0.50	4.00	0.05	0.14	1.18	10	CK
21-Feb-24	8.10	1.00	0.50	67.00	0.05	0.06	0.62	9	CK
20-Mar-24	7.45	4.00	0.50	13.00	0.20	0.30	1.24	302	CK
17-Apr-24	no water								CK
15-May-24	no water								CK
12-Jun-24	no water								CK
Lowest	7.12	1.00	0.50	4.00	0.05	0.06	0.62	9.00	
Mean	7.77	2.71	0.50	47.00	0.29	0.20	3.41	486.83	
Highest	8.10	4.00	0.50	134.00	1.30	0.41	15.50	1440.00	