

Snowy Monaro Regional Council
Monthly Effluent Discharge Test Results
 Adaminaby STP - EPA Licence: 450
 EPA Point 2 - 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)	Reviewed by	Entered by
09-Aug-23	7.96	19.00	0.50	11.00	0.05	3.80	1.17	n/a	n/a	4.00		CK
06-Sep-23	7.76	10.00	0.50	4.00	1.10	11.70	0.15	0.06	1.17	2.00		CK
Lowest	7.76	10.00	0.50	4.00	0.05	3.80	0.15	0.06	1.17	2.00		
Mean	7.86	14.50	0.50	7.50	0.58	7.75	0.66	0.06	1.17	3.00		
Highest	7.96	19.00	0.50	11.00	1.10	11.70	1.17	0.06	1.17	4.00		
90%ile		18.10	0.50	10.30	1.00	10.91	1.07	0.06	1.17	3.80		
100%ile												
Licence Target												
90%	6.5-8.5	15	2	10	2	10	0.5			200		
100%												
Summary of Non-Compliance												
Date	Summary											
9/08/2023	The new STP for Adaminaby was commissioned on 18/7/2023. The TSS, Phosphorus and BOD appears to be high due to an issue with the grit removal during commissioning and operator records showed NTU 20.20 on 9/8/23. The NTUs are a lot lower now and phosphates are low which are tested in the lab.											
6/09/2023	Nitrogen higher than 90th percentile limit due to increased aeration to keep ammonia levels down.											

Snowy Monaro Regional Council
Monthly Effluent Discharge Test Results
 Adaminaby STP - EPA Licence: 450
 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>Reviewed</i> <i>by</i>	<i>Entered</i> <i>by</i>
09-Aug-23	7.98	1.00	0.50	4.00	0.05	0.02	0.50		CK
06-Sep-23	7.99	1.00	0.50	4.00	0.05	0.02	0.50		CK
Lowest	7.98	1.00	0.50	4.00	0.05	0.02	0.50		
Mean	7.99	1.00	0.50	4.00	0.05	0.02	0.50		
Highest	7.99	1.00	0.50	4.00	0.05	0.02	0.50		

Snowy Monaro Regional Council
Monthly Effluent Discharge Test Results
 Adaminaby STP - EPA Licence: 450
 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>Reviewed</i> <i>by</i>	<i>Entered</i> <i>by</i>
09-Aug-23	7.98	1.00	0.50	11.00	0.05	0.05	0.77		CK
06-Sep-23	8.06	3.00	0.50	90.00	0.05	0.03	0.66		CK
Lowest	7.98	1.00	0.50	11.00	0.05	0.03	0.66		
Mean	8.02	2.00	0.50	50.50	0.05	0.04	0.72		
Highest	8.06	3.00	0.50	90.00	0.05	0.05	0.77		