

**Snowy Monaro Regional Council**  
**Monthly Effluent Discharge Test Results**  
 Nimmitabel STP - EPA Licence: 1392  
 EPA Point 1

DATE	TSS (mg/l)	Oil & Grease (mg/l)	BOD (mg/l)	pH pH unit	Ammonia (mg/l) N	Total N Oxidised N(mg/l)	Total P (mg/l) P	Faecal Coliforms (CFU/100mL)	Total Aluminium (mg/L)	Dissolved Aluminium (mg/L)	chlorophyll-a µg/L	Entered by
27-Dec-23	8.00	not tested	1.00	7.84	2.90	6.91	1.27	2300.00	not tested	not tested	4.18	CK
16-Jan-24		0.50							0.15	0.10		CK
24-Jan-24	1.00	0.50	1.00	7.95	1.20	3.93	0.99	68.00	0.11	0.07	1.39	CK
21-Feb-24	8.00	0.50	3.00	8.15	0.05	2.29	0.88	140.00	0.11	0.08	7.46	CK
20-Mar-24	21.00	0.50	5.00	8.23	1.00	3.51	1.08	82.00	0.55	0.09	5.86	CK
17-Apr-24	6.00	0.50	1.00	8.19	2.70	6.03	0.83	472.00	0.17	0.09	2.22	CK
15-May-24	2.00	0.50	1.00	8.09	1.60	5.32	0.63	234.00	0.12	0.08	1.09	CK
12-Jun-24	3.00	0.50	1.00	8.16	1.10	9.07	0.50	260.00	0.12	0.09	1.09	CK
Lowest	1.00	0.50	1.00	7.84	0.05	2.29	0.50	68.00	0.11	0.07	1.09	
Mean	7.00	0.50	1.86	8.09	1.51	5.29	0.88	508.00	0.19	0.09	3.33	
Highest	21.00	0.50	5.00	8.23	2.90	9.07	1.27	2300.00	0.55	0.10	7.46	
90%ile	13.2	0.5	3.8	8.206	2.78	7.774	1.156	1203.2				
100%ile	21	0.5	5	8.23	2.9	9.07	1.27					
Licence Target												
90%	15	2	10	6.5-8.5	3	10	2	300				
100%	30	10	20		5	15	3					
Summary of Exceedances												
Date	Summary											
27/12/2023	Faecal coliforms exceeded the 90th percentile limit due to overcast & rainy weather and potential short circuiting of the maturation pond											
30/03/2024	Total Suspended Solids are over the 90th% limit due to tree root blockage being removed at the discharge weir.											
17/04/2024	Faecal coliforms exceeded the 90th percentile limit due to unknown factors, potentially limited UV penetration due to overcast weather conditions.											

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**Monthly Effluent Discharge Test Results**  
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 EPA Point 2 - Upstream

<b>DATE</b>	<b>TSS</b> <i>(mg/l)</i>	<b>Oil &amp; Grease</b> <i>(mg/l)</i>	<b>BOD</b> <i>(mg/l)</i>	<b>pH</b> <i>pH unit</i>	<b>Ammonia</b> <i>(mg/l) N</i>	<b>Total N</b> <i>total dissolved N(mg/l)</i>	<b>Total P</b> <i>(mg/l) P</i>	<b>Faecal Coliforms</b> <i>CFU/100mL</i>	<b>Entered by</b>
27-Dec-23	4.00		1.00	7.67	0.05	0.90	0.11	25.00	CK
24-Jan-24	19.00	0.50	4.00	8.07	0.05	1.36	0.16	900.00	CK
21-Feb-24	7.00	0.50	1.00	8.28	0.05	0.73	0.09	2.00	CK
30-Mar-24	not sampled due to no flow								CK
17-Apr-24	295.00	0.50	7.00	7.90	0.05	3.83	2.95	80.00	CK
15-May-24	142.00	0.50	3.00	7.90	0.05	1.72	0.91	12.00	CK
12-Jun-24	3.00	0.50	1.00	8.06	0.20	0.99	0.06	34.00	CK
Lowest	3.00	0.50	1.00	7.67	0.05	0.73	0.06	2.00	
Mean	78.33	0.50	2.83	7.98	0.08	1.59	0.71	175.50	
Highest	295.00	0.50	7.00	8.28	0.20	3.83	2.95	900.00	

**Snowy Monaro Regional Council**  
**Monthly Effluent Discharge Test Results**  
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 EPA Point 3 - Downstream

<i>DATE</i>	<i>TSS</i> <i>(mg/l)</i>	<i>Oil &amp; Grease</i> <i>(mg/l)</i>	<i>BOD</i> <i>(mg/l)</i>	<i>pH</i> <i>pH unit</i>	<i>Ammonia</i> <i>(mg/l) N</i>	<i>Total N</i> <i>idised N(m</i>	<i>Total P</i> <i>(mg/l) P</i>	<i>Faecal Coliforms</i> <i>CFU/100mL</i>	<i>Entered</i> <i>by</i>
27-Dec-23	4.00		1.00	7.06	0.05	0.88	0.11	22.00	CK
24-Jan-24	7.00	0.50	1.00	7.89	0.05	0.95	0.18	76.00	CK
21-Feb-24	16.00	0.50	1.00	8.14	0.05	0.78	0.15	80.00	CK
30-Mar-24	16.00	0.50	2.00	8.08	0.05	1.29	0.40	1240.00	CK
17-Apr-24	10.00	0.50	1.00	8.16	0.05	2.21	0.25	46.00	CK
15-May-24	5.00	0.50	1.00	8.13	0.05	2.03	0.22	68.00	CK
12-Jun-24	6.00	0.50	1.00	8.21	0.20	1.47	0.10	46.00	CK
Lowest	4.00	0.50	1.00	7.06	0.05	0.78	0.10	22.00	
Mean	9.14	0.50	1.14	7.95	0.07	1.37	0.20	68.00	
Highest	16.00	0.50	2.00	8.21	0.20	2.21	0.40	1240.00	