

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
Lowest	1.00	0.50	1.00	7.84	0.05	2.29	0.88	68.00	0.11	0.07	1.39	
Mean	5.67	0.50	1.67	7.98	1.38	4.38	1.05	836.00	0.12	0.08	4.34	
Highest	8.00	0.50	3.00	8.15	2.90	6.91	1.27	2300.00	0.15	0.10	7.46	
90%ile	8	0.5	2.6	8.11	2.56	6.314	1.214	1868				
100%ile	8	0.5	3	8.15	2.9	6.91	1.27					
Licence Target												
90%	30	2	10	6.5-8.5	3	10	2	300				
100%	15	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											

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 EPA Point 2 - Upstream

<i>DATE</i>	<i>TSS</i> (mg/l)	<i>Oil & Grease</i> (mg/l)	<i>BOD</i> (mg/l)	<i>pH</i> pH unit	<i>Ammonia</i> (mg/l) N	<i>Total N</i> Total N(mg/l)	<i>Total P</i> (mg/l) P	<i>Faecal Coliforms</i> CFU/100mL	<i>Entered</i> by
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
Lowest	4.00	0.50	1.00	7.67	0.05	0.73	0.09	2.00	
Mean	10.00	0.50	2.00	8.01	0.05	1.00	0.12	309.00	
Highest	19.00	0.50	4.00	8.28	0.05	1.36	0.16	900.00	

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 EPA Point 3 - Downstream

DATE	TSS <i>(mg/l)</i>	Oil & Grease <i>(mg/l)</i>	BOD <i>(mg/l)</i>	pH <i>pH unit</i>	Ammonia <i>(mg/l) N</i>	Total N <i>idised N(mg/l)</i>	Total P <i>(mg/l) P</i>	Faecal Coliforms <i>CFU/100mL</i>	Entered by
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
Lowest	4.00	0.50	1.00	7.06	0.05	0.78	0.11	22.00	
Mean	9.00	0.50	1.00	7.70	0.05	0.87	0.15	76.00	
Highest	16.00	0.50	1.00	8.14	0.05	0.95	0.18	80.00	