

**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
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
16-Jan-24		0.50							0.15	0.10	
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
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
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
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
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
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
10-Jul-24	1.00	0.50	1.00	8.18	0.80	9.31	0.29	214.00	0.10	0.08	0.74
07-Aug-24	1.00	0.50	2.00	8.44	0.20	5.38	0.50	85.00	0.15	0.13	3.52
04-Sep-24	4.00	0.50	4.00	8.09	10.40	14.70	0.62	42.00	0.28	0.23	0.57
02-Oct-24	6.00	2.00	5.00	8.03	3.20	9.39	0.54	404.00	0.45	0.37	9.42
30-Oct-24	6.00	0.50	7.00	7.75	1.30	5.81	0.79	40.00	0.44	0.46	1.87
Lowest	1.00	0.50	1.00	7.75	0.05	2.29	0.29	40.00	0.10	0.07	0.57
Mean	5.58	0.63	2.67	8.09	2.29	6.80	0.74	361.75	0.23	0.16	3.28
Highest	21.00	2.00	7.00	8.44	10.40	14.70	1.27	2300.00	0.55	0.46	9.42
90%ile	8	0.5	5	8.23	3.2	9.39	1.08	472			
100%ile	21	2	7	8.44	10.4	14.7	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.										
4/09/2024	Ammonia exceeded 100th percentile limit due to malfunctioning aerators. OKL discharge into the creek since 26/08/24. Discharge will occur once results in Nitrates exceeded 90th percentile limit due to lack of nitrification as a result of broken aerators. Temporary jet aerator was used on site to provide circulation. aeratoes were replaced on 04/09/24.										
2/10/2024	OKL Discharged to the creek. Discharge commenced on 06/10/24										

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