

Snowy Monaro Regional Council
Monthly Effluent Discharge Test Results
 Berridale STP - EPA Licence: 456
 EPA Point 1 (Discharge)

DATE	pH	BOD (mg/l)	Oil & Grease (mg/l)	TSS (mg/l)	Faecal C (CFU/100ml)	Ammonia (mg/l) N	Total P (mg/l) P	Total N TKN+NOX	Entered by
04-Oct-23	7.57	1.00	0.50	6.00	1.00	0.05	0.87	6.70	CK
01-Nov-23	7.84	3.00	0.50	9.00	22.00	0.30	0.25	3.92	CK
29-Nov-23	7.71	3.00	0.50	10.00	72.00	0.70	1.44	4.00	CK
27-Dec-23	7.31	1.00	0.50	8.00	280.00	0.60	1.44	7.02	CK
24-Jan-24	7.88	1.00	0.50	3.00	2.00	0.05	3.48	5.68	CK
21-Feb-24	7.92	1.00	0.50	8.00	21200.00	0.05	3.85	4.00	CK
20-Mar-24	7.63	4.00	0.50	12.00	10.00	0.10	3.21	3.37	CK
17-Apr-24	7.71	1.00	0.50	4.00	1.00	0.05	3.87	3.77	CK
15-May-24	7.68	1.00	0.50	1.00	1.00	0.05	0.18	3.81	CK
12-Jun-24	7.30	1.00	0.50	4.00	1.00	0.30	0.30	8.25	CK
11-Jul-24	7.18	1.00	0.50	7.00	10.00	0.30	0.39	10.00	CK
07-Aug-24	7.49	1.00	0.50	4.00	20.00	0.60	0.30	7.95	CK
Lowest	7.18	1.00	0.50	1.00	1.00	0.05	0.18	3.37	
Mean	7.60	1.58	0.50	6.33	1801.67	0.26	1.63	5.71	
Highest	7.92	4.00	0.50	12.00	21200.00	0.70	3.87	10.00	
90%ile		3.30	0.50	10.60		0.63	3.86	6.80	
100%ile	7.92	4.00	0.50	12.00	21200.00	0.70	3.87	7.02	
Licence Target									
90%		10	2	15		1	9	10	
100%	6.5-8.5	20	10	30	100	10	10	25	
Summary of Non-Compliance									
Date	Summary								
27-Dec-23	F coliforms exceeded 100th percentile limit most likely due to the balance tank requiring a clean. It has been scheduled for cleaning on 22/1/24								
21-Feb-24	Pre-UV f. coliforms are 3020 CFU/100mL, however there was an electrical fault to the UV on this day.								

Snowy Monaro Regional Council
Monthly Effluent Discharge Test Results
 Berridale STP - EPA Licence: 456
 EPA Point 5 (upstream)

<i>DATE</i>	<i>pH</i>	<i>BOD</i> (mg/l)	<i>Oil & Grease</i> (mg/l)	<i>TSS</i> (mg/l)	<i>Ammonia</i> (mg/l) N	<i>Total P</i> (mg/l) P	<i>Total N</i> TKN+NOX	<i>Faecal C</i> (CFU/100ml)	<i>Entered</i> by
24-Jan-24	7.88	1.00	0.50	224.00	0.05	0.38	1.74		CK
07-Aug-24	7.92	6.00	0.50	59.00	0.70	0.29	3.18	146.00	CK
Lowest	7.88	1.00	0.50	59.00	0.05	0.29	1.74		
Mean	7.90	3.50	0.50	141.50	0.38	0.34	2.46		
Highest	7.92	6.00	0.50	224.00	0.70	0.38	3.18		

*Monthly sampling required when discharging to the Creek

Snowy Monaro Regional Council
Monthly Effluent Discharge Test Results
 Berridale STP - EPA Licence: 456
 EPA Point 6 (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 C</i> <i>(CFU/100ml)</i>	<i>Entered</i> <i>by</i>
24-Jan-24	8.04	1.00	0.50	37.00	0.05	0.14	0.76		CK
07-Aug-24	7.76	2.00	0.50	32.00	0.30	0.20	4.61	1640.00	CK
Lowest	7.76	1.00	0.50	32.00	0.05	0.14	0.76		
Mean	7.90	1.50	0.50	34.50	0.18	0.17	2.69		
Highest	8.04	2.00	0.50	37.00	0.30	0.20	4.61		

*Monthly sampling required when discharging to the Creek

Snowy Monaro Regional Council
Monthly Effluent Discharge Test Results
 Berridale STP - EPA Licence: 456
 EPA Point 7 (Golf Course)

<i>DATE</i>	<i>pH</i>	<i>TSS</i> (mg/l)	<i>Faecal C</i> (CFU/100ml)	<i>Ammonia</i> (mg/l) N	<i>Total P</i> (mg/l) P	<i>Total N</i> TKN+NOX	<i>Electrical</i> <i>Conductivity</i> μS/m	<i>Entered</i> by
04-Oct-23	8.01	6.0	2.0	1.00	1.09	2.80	40.5	CK
01-Nov-23	8.31	6.0	6.0	1.10	0.89	2.92	52.9	CK
29-Nov-23	8.18	4.0	1.0	0.30	1.31	1.59	48.8	CK
27-Dec-23	7.33	8.0	14.0	1.60	2.00	2.7	47.9	CK
21-Feb-24	8.09	2.0	2.0	0.50	1.66	1.3	38.5	CK
20-Mar-24	8.98	4.0	1.0	0.05	1.73	1.0	39.2	CK
17-Apr-24	8.31	3.0	1.0	0.05	1.73	1.7	38.7	CK
15-May-24	7.86	1.0	1.0	0.05	1.80	1.47	41.9	CK
12-Jun-24	8.02	1.0	0.5	0.10	1.31	1.66	38.7	CK
11-Jul-24	7.98	1	1	0.05	0.98	2.1	37.9	CK
Lowest	7.33	1.00	0.50	0.05	0.89	0.95		
Mean	8.11	3.60	2.90	0.48	1.45	1.92		
Highest	8.98	8.00	14.00	1.60	2.00	2.92		

*Monthly sampling required when discharging to the golf course

Snowy Monaro Regional Council
Monthly Effluent Discharge Test Results
 Berridale STP - EPA Licence: 456
 Pre-UV Faecal Coliforms

<i>DATE</i>	<i>Faecal C (CFU/100ml)</i>	<i>Entered by</i>
04-Oct-23	720	CK
29-Nov-23	11800.00	CK
27-Dec-23	7500.00	CK
24-Jan-24	124.00	CK
21-Feb-24	3020.00	CK
20-Mar-24	2900.00	CK
17-Apr-24	1000.00	CK
15-May-24	1180.00	CK
12-Jun-24	360.00	CK
11-Jul-24	1400	CK
07-Aug-24	8700	CK
Lowest	124.00	
Mean	3518.55	
Highest	11800.00	