

Snowy Monaro Regional Council
Monthly Effluent Discharge Test Results
 Bombala STP - EPA Licence: 1752
 EPA Point 1 (Discharge)

DATE	pH (pH Unit)	TSS (mg/l)	Oil & Grease (mg/l)	BOD (mg/l)	Ammonia (mg/l) N	Total N (mg/l)	Total P (mg/l) P	Dissolved Aluminium (mg/l) N	Total Aluminium mg/L	Faecal C (CFU/100ml)	Entered by
15-May-24	7.60	1.00	0.50	1.00	0.05	4.64	0.10	0.03	0.05	0.50	CK
12-Jun-24	7.70	3.00	0.50	2.00	3.20	7.20	0.20	0.06	0.26	6.00	CK
11-Jul-24	7.44	1	0.5	1	0.05	11.2	0.20	0.04	0.07	0.50	CK
07-Aug-24	7.17	1.00	0.50	2.00	0.05	6.13	0.08	0.04	0.06	0.50	CK
04-Sep-24	7.70	1.00	0.50	1.00	0.10	7.62	0.10	0.04	0.06	0.50	EA
02-Oct-24	7.68	3.00	0.50	1.50	0.10	4.63	0.14	0.04	0.08	0.50	EA
30-Oct-24	7.23	2.00	0.50	1.00	0.20	5.39	0.18	0.03	0.08	1.00	EA
27-Nov-24	7.03	1.00	0.50	1.00	0.05		0.26	0.04	0.07	1.00	EA
17-Dec-24	7.29	3.00	0.50	3.00	0.40	5.29	0.26	0.03	0.06	2.00	EA
22-Jan-25	6.77	2.00	0.50	1.00	0.40	4.84	0.04	0.04	0.06	38.00	EA
19-Feb-25	7.11	6.00	0.50	2.00	0.20	8.75	0.20	0.04	0.12	1.00	EA
19-Mar-25	7.22	7.00	0.50	2.00	0.80	6.22	0.34	0.06	0.08	8.00	EA
16-Apr-25	6.62	2.00	0.50	1.00	0.50	16.60	0.21	0.05	0.13	1.00	EA
Lowest	6.62	1.00	0.50	1.00	0.05	4.63	0.04	0.03	0.05	0.50	
Mean	7.27	2.54	0.50	1.50	0.47	7.38	0.18	0.04	0.09	4.65	
Highest	7.70	7.00	0.50	3.00	3.20	16.60	0.34	0.06	0.26	38.00	
90%ile		5.4	0.5	2	0.74	10.955	0.26			7.6	
100%ile		7	0.5	3	3.2	16.6	0.34			38	
Licence Target											
90%	6.5-8.5	15	2	10	2	10	0.3	N/A	N/A	200	
100%		20	10	15	5	15	0.5			600	
Summary of Exceedances											
Date	Summary										
12/06/2024	There was a fault with the air valve actuator causing aeration sequence to fail and high ammonia reported to EPA 11th June.										
19/03/2025	Phosphorous exceeded the 90th percentile limit. The discharge tank required cleaning immediately. This was completed and results improved instantaneously.										
11/07/2024	Nitrogen exceedance due to cold temperatures. Operator has made adjustments to bring back under the limit.										
16/04/2025	Total nitrogen exceedance due to dewatering and desludging of the sludge lagoon. Adjustments were made to the plant in effort to keep ammonia and nitrogen below licence limits. Discharge limits back within licence once dewatering processes were complete.										