

Snowy Monaro Regional Council
Monthly Effluent Discharge Test Results
 Jindabyne STP - EPA Licence: 773
 EPA Point 1 (Discharge)

DATE	pH 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	Dissolved Alluminium mg/L	Total Alluminium mg/L	Entered by
21-Feb-24	8.21	1.00	0.50	6.00	32.0	0.20	0.16	0.38	0.04	0.16	CK *
20-Mar-24	8.92	1.00	0.50	3.00	18.0	0.05	0.43	0.52	0.05	0.09	CK *
Lowest	8.21	1.00	0.50	3.00	18.00	0.05	0.16	0.38	0.04	0.09	
Mean	8.57	1.00	0.50	4.50	25.00	0.13	0.30	0.45	0.05	0.13	
Highest	8.92	1.00	0.50	6.00	32.00	0.20	0.43	0.52	0.05	0.16	
90%ile	8.85	1.00	0.50	5.70		0.19	0.40	0.51			
100%ile		1.00	0.50	6.00	32.00	0.20	0.43	0.52			

Licence Target										
90%	6.5-8.5	10	2	15	200	2	0.3	10		
100%		15	10	20	600	5	1	15		

Summary of Exceedances	
*The licensee is not taken to have exceeded a quality limit specified in this licence for BOD, TSS or pH if chlorophyll-a is 100µg/L or more at EPA Point 4	
Date	Summary
20/03/2024	Total Phosphorus exceeded the 90th% limit although the plant has not been discharging into the pond that discharges at EPA Point 1. It is thought that the high phosphorus is due to infiltration.

Snowy Monaro Regional Council
Monthly Effluent Discharge Test Results
Jindabyne STP - EPA Licence: 773
EPA Point 2 (Upstream)

<i>DATE</i>	<i>pH</i> <i>pH Unit</i>	<i>BOD</i> <i>(mg/l)</i>	<i>Oil & Grease</i> <i>(mg/l)</i>	<i>TSS</i> <i>(mg/l)</i>	<i>Faecal</i> <i>Coliforms</i> <i>(CFU/100mL)</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>Entered</i> <i>by</i>
21-Feb-24	8.15	1.00	0.05	1.00	72.00	0.05	0.02	0.21	CK
20-Mar-24	8.24	1.00	0.50	1.00	148.00	0.05	0.01	0.40	CK
Lowest	8.15	1.00	0.05	1.00	72.00	0.05	0.01	0.21	
Mean	8.20	1.00	0.28	1.00	110.00	0.05	0.01	0.31	
Highest	8.24	1.00	0.50	1.00	148.00	0.05	0.02	0.40	

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Monthly Effluent Discharge Test Results
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 EPA Point 3 (Downstream)

<i>DATE</i>	<i>pH</i> <i>pH Unit</i>	<i>BOD</i> <i>(mg/l)</i>	<i>Oil & Grease</i> <i>(mg/l)</i>	<i>TSS</i> <i>(mg/l)</i>	<i>Faecal</i> <i>Coliforms</i> <i>(CFU/100mL)</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>Entered</i> <i>by</i>
21-Feb-24	8.29	1.00	0.50	4.00	98.00	0.05	0.18	1.03	CK
20-Mar-24	8.28	1.00	0.50	3.00	132.00	0.05	0.15	0.93	CK
Lowest	8.28	1.00	0.50	3.00	98.00	0.05	0.15	0.93	
Mean	8.29	1.00	0.50	3.50	115.00	0.05	0.17	0.98	
Highest	8.29	1.00	0.50	4.00	132.00	0.05	0.18	1.03	

Snowy Monaro Regional Council
Monthly Effluent Discharge Test Results
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 EPA Point 4 (Maturation Pond)

<i>DATE</i>	<i>Chlorophyll-a</i> μg/L	<i>Entered</i> <i>by</i>
21-Feb-24	2590.0	CK
20-Mar-24	542.00	CK
Lowest	542.00	
Mean	1566.00	
Highest	2590.00	

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