

**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	Reviewed by	Entered by
16-Feb-22	8.73	1.00	0.50	1.00	14.0	0.05	0.09	1.99	0.05	0.09		CK
16-Mar-22	8.73	9.00	0.50	32.00	38.0	0.05	0.16	1.86	0.02	0.14		CK
13-Apr-22	8.02	1.00	0.50	7.00	38.0	0.05	0.08	1.74	0.02	0.11		CK
11-May-22	8.10	3.00	0.50	7.00	36.0	0.30	0.12	4.98	0.04	0.08		CK
08-Jun-22	8.70	1.00	0.50	3.00	11.2	0.20	0.05	6.75	26.00	36.00		CK
06-Jul-22	7.97	1.00	0.50	2.00	69.0	0.90	0.13	9.47	0.03	0.06		CK
03-Aug-22	7.96	1.00	0.50	2.00	22.5	1.20	0.14	8.19	0.04	0.06		CK
31-Aug-22	8.09	1.00	0.50	1.00	n/a	0.90	0.16	8.96	0.06	0.09		CK
28-Sep-22	8.21	1.00	0.50	4.00	1440.0	0.20	0.09	6.49	0.09	0.11		CK
02-Nov-22	9.35	2.00	0.50	1.00	10.0	0.05	0.32	1.19	0.10	0.12		CK
23-Nov-22	9.23	1.00	0.50	1.00	0.5	0.05	0.06	0.96	0.06	0.06		CK
21-Dec-22	9.90	1.00	0.50	3.00	1.0	0.05	0.06	0.87	0.05	0.07	CK	SC
24-Jan-23	7.6	1.00	0.50	6.00	86.0	1.50	0.16	2.98	0.03	0.09		CK
Lowest	7.61	1.00	0.50	1.00	0.50	0.05	0.05	0.87				
Mean	8.51	1.85	0.50	5.38	147.18	0.42	0.12	4.34				
Highest	9.90	9.00	0.50	32.00	1440.00	1.50	0.32	9.47				
90%ile		2.90	0.50	7.00		0.90	0.16	8.88				
100%ile	9.90	9.00	0.50	32.00	1440.00	1.20	0.32	9.47				

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
8/06/2022	pH higher than 90th percentile, unsure of the cause, the lab tests at the STP were all within range. It is possible there were higher levels of algal than detected in sample at EPA Point 4 resulting in higher pH and less sunlight penetration.

**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 &amp; Grease</i> <i>(mg/l)</i>	<i>TSS</i> <i>(mg/l)</i>	<i>Faecal 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>Reviewed</i> <i>by</i>	<i>Entered</i> <i>by</i>
16-Feb-22	8.22	1.00	0.50	2.00	74.00	0.05	0.03	0.38		CK
16-Mar-22	8.06	1.00	0.50	1.00		0.05	0.04	0.52		CK
13-Apr-22	8.16	1.00	0.50	1.00	10.00	0.05	0.02	0.53		CK
11-May-22	8.21	1.00	0.50	1.00	2.00	0.05	0.01	0.61		CK
22-Jun-22	8.01	1.00	0.50	1.00	1.00	0.05	0.01	0.78		CK
06-Jul-22	8.24	1.00	0.50	1.00	1.00	0.05	0.01	0.89		CK
03-Aug-22	8.20	1.00	0.50	1.00	2.00	0.05	0.01	1.10		CK
31-Aug-22	8.27	1.00	0.50	1.00	4.00	0.05	0.01	0.86		CK
28-Sep-22	8.17	2.00	0.50	161.00	2620.00	0.05	0.13	1.08		CK
02-Nov-22	8.47	1.00	0.50	5.00	197.00	0.05	0.02	0.53		CK
21-Dec-22	8.0	1	0.5	3	18	0.05	0.02	0.54		SC
24-Jan-23	7.94	1.00	0.50	4.00	294.00	0.05	0.01	0.51		CK
Lowest	7.94	1.00	0.50	1.00	1.00	0.05	0.01	0.38		
Mean	8.17	1.08	0.50	15.17	293.00	0.05	0.03	0.69		
Highest	8.47	2.00	0.50	161.00	2620.00	0.05	0.13	1.10		



**Snowy Monaro Regional Council**  
**Monthly Effluent Discharge Test Results**  
 Jindabyne STP - EPA Licence: 773  
 EPA Point 4 (Maturation Pond)

<i>DATE</i>	<i>Chlorophyll-a</i> <i>µg/L</i>	<i>Reviewed</i> <i>by</i>	<i>Entered</i> <i>by</i>
16-Feb-22	210.00		CK
16-Mar-22	3070		CK
13-Apr-22	737.00		CK
11-May-22	2540.00		CK
08-Jun-22	11.20		CK
06-Jul-22	1890.00		CK
03-Aug-22	22.5		CK
31-Aug-22	n/a		CK
28-Sep-22	1440.0		CK
02-Nov-22	4180.00		CK
23-Nov-22	3880.00		CK
21-Dec-22	2120.0		SC
23-Jan-23	1140.0		CK
Lowest	11.20		
Mean	1770.06		
Highest	4180.00		

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