

**Snowy Monaro Regional Council**  
**Monthly Effluent Discharge Test Results**  
 Nimmitabel STP - EPA Licence: 1392  
 EPA Point 1

<i>DATE</i>	<i>TSS</i> (mg/l)	<i>Oil &amp; Grease</i> (mg/l)	<i>BOD</i> (mg/l)	<i>pH</i> pH unit	<i>Ammonia</i> (mg/l) N	<i>Total N</i> Oxidised N(mg/l)	<i>Total P</i> (mg/l) P	<i>chlorophyll-a</i> µg/L	<i>Faecal Coliforms</i> CFU/100mL	<i>Reviewed</i> by	<i>Entered</i> by
21-Dec-22	37.00	0.50	44.00	9.05	0.60	7.64	1.39	734.00	n/a	CK	SC
24-Jan-23	29.00	0.50	12.00	9.12	0.20	3.01	1.14	291.00	82.00		CK
22-Feb-23	25.00	0.50	8.00	8.31	0.80	3.16	1.46	266.00	184.00		CK
22-Mar-23	9.00	0.50	5.00	8.13	3.20	6.08	1.18	78.60	417.00		CK
19-Apr-23	6.00	0.50	3.00	8.10	3.90	6.07	1.20	13.30	95.00		CK
17-May-23	11.00	0.50	3.00	8.04	3.40	7.16	0.07	1.99	98.00		CK
14-Jun-23	4.00	0.50	1.00	7.91	2.60	6.77	1.78	0.58	50.00		CK
12-Jul-23	1.00	0.50	1.00	8.03	0.80	8.44	1.63	1.09	24.00		CK
8-Aug-23	5.00	0.50	1.00	8.12	1.90	7.60	1.19	2.61	6.00		CK
06-Sep-23	3.00	0.50	1.00	8.15	1.00	4.73	1.74	1.17	4.00		CK
04-Oct-23	3.00	0.50	1.00	8.10	0.20	3.00	1.37	6.37	16.00		CK
01-Nov-23	3.00	0.50	1.00	8.09	0.30	2.90	1.46	12.20	1.00		CK
Lowest	1.00	0.50	1.00	7.91	0.20	2.90	0.07	0.58			
Mean	11.33	0.50	6.75	8.26	1.58	5.55	1.30	117.41			
Highest	37.00	0.50	44.00	9.12	3.90	8.44	1.78	734.00			
90%ile	28.6	0.5	11.6	8.976	3.38	7.636	1.729		184		
100%ile	37	0.5	44	9.12	3.9	8.44	1.78				
Licence Target											
90%	30	2	10	6.5-8.5	3	10	2	n/a	300		
100%	15	10	20		5	15	3	n/a			
Summary of Exceedances											
<b>Date</b>	<b>Summary</b>										
21/12/2022	The maturation pond has been experiencing duck weed preventing the ability for UV to filter through and is increasing the TSS, BOD & pH results for the final effluent discharge.										

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 EPA Point 2 - Upstream

<i>DATE</i>	<i>TSS</i> <i>(mg/l)</i>	<i>Oil &amp; Grease</i> <i>(mg/l)</i>	<i>BOD</i> <i>(mg/l)</i>	<i>pH</i> <i>pH unit</i>	<i>Ammonia</i> <i>(mg/l) N</i>	<i>Total N</i> <i>idised N(m</i>	<i>Total P</i> <i>(mg/l) P</i>	<i>Faecal Coliforms</i> <i>CFU/100mL</i>	<i>Reviewed</i> <i>by</i>	<i>Entered</i> <i>by</i>
1-Nov-23	14.00	0.50	1.00	8.16	0.05	0.32	0.02	2.00		CK
Lowest	14.00	0.50	1.00	8.16	0.05	0.32	0.02			
Mean	14.00	0.50	1.00	8.16	0.05	0.32	0.02			
Highest	14.00	0.50	1.00	8.16	0.05	0.32	0.02			

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 EPA Point 3 - Downstream

<i>DATE</i>	<i>TSS (mg/l)</i>	<i>Oil &amp; Grease (mg/l)</i>	<i>BOD (mg/l)</i>	<i>pH pH unit</i>	<i>Ammonia (mg/l) N</i>	<i>Total N Total N(mg/l)</i>	<i>Total P (mg/l) P</i>	<i>Faecal Coliforms CFU/100mL</i>	<i>Reviewed by</i>	<i>Entered by</i>
1-Nov-23	6.00	0.50	1.00	8.25	0.05	0.36	0.08	1.00		CK
Lowest	6.00	0.50	1.00	8.25	0.05	0.36	0.08			
Mean	6.00	0.50	1.00	8.25	0.05	0.36	0.08			
Highest	6.00	0.50	1.00	8.25	0.05	0.36	0.08			

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 Decant

<i>DATE</i>	<i>TSS (mg/l)</i>	<i>Reviewed by</i>	<i>Entered by</i>
21-Dec-22	7.0		SC
24-Jan-23	8.0		CK
22-Feb-23	14.0		CK
22-Mar-23	35.0		CK
19-Apr-23	35.0		CK
17-May-23	12.0		CK
14-Jun-23	n/a		CK
12-Jul-23	25.0		CK
6-Sep-23	12.0		CK
Lowest	7.00		
Mean	18.50		
Highest	35.00		