Mid-Coast Council

PO Box 482
Taree NSW 2430

Hawks Nest Sewage Treatment Plant
Mungo Brush Rd
Hawks Nest NSW 2324

Environmental Protection licence number: 5909

Licence anniversary date **30th June**

Abbreviations-
TSS: Total Suspended Solids
BOD: Biochemical Oxygen Demand

EPA Monitoring Point 1,

Effluent Quality Monitoring

Effluent Quality Monitoring Results

Monitoring frequency:
Nitrogen ammonia, Nitrate, Nitrogen Total, Total Phosphorus, BOD, Faecal Coliforms, TSS, Oil and Grease- Monthly monightoring.

Date sampled	Date obtained	pH	TSS (mg/L)	BOD (mg/L)	Faecal Coliforms (cfu/100ml)	Nitrogen ammonia (mg/L)	Nitrate (mg/L)	Nitrogen Total (mg/L)	Total Phosphorus (mg/L)	Oil & Grease (mg/L)		Compliance
6/07/2021	16/07/2021	7.1	3	2	4	0.78	2.68	4.36	0.13	3		yes
20/07/2021	29/07/2021	7.1	2	2	1					3		yes
3/08/2021	16/08/2021	7.2	2	3	15	0.58	1.67	3.44	0.2	3		yes
17/08/2021	31/08/2021	7.2	2	3	11					3		yes
31/08/2021	9/09/2021	7.6	2	2	1	0.52	2.2	4.19	0.38	5		yes
14/09/2021	27/09/2021	7.5	2	3	1					3		yes
28/09/2021	7/10/2021	7.3	2	2	1	0.33	2.4	3.87	0.2			yes
12/10/2021	21/10/2021	7.3	4	3	2					3		yes
26/10/2021	4/11/2021	7	2	2	<1	0.36	1.82	3.65	0.04	3		yes
9/11/2021	19/11/2021	7.1	<2	3	14					<3		yes
23/11/2021	23/12/2021	7.2	3	2	<1	0.69	4.07	6.16	0.53	<3		yes
7/12/2021	21/12/2021	7.3	<2	3	<1	1.16	3.3	6.06	1.0	<3		yes
05/01/2022	20/01/2022	6.8	12	4	2	1.29	7.09	10.3	0.73	<3		yes
1/02/2022	14/02/2022	7	2	2	1	0.48	5.13	6.91	0.42	<5		yes
1/03/2022	15/03/2022	7.1	4	<2	18	0.65	2.66	4.41	0.23	<5		yes
5/04/2022	14/04/2022	7	2	<2	<1	0.52	2.91	4.03	0.22	<3		yes
3/05/2022	16/05/2022	7.1	<2	<2	<1	0.34	4.52	5.85	0.65	<3		yes
7/06/2022	16/06/2022	7.1	<2	<2	<1	0.41	4.69	6.03	0.32	<3		yes
	90%ile	6.5-8.5	15	10	150	2		10	1	5		
	100%ile		30	20								
						Annual summary						
	minimum	6.8	2	2	1	0.33	1.67	3.44	0.043	<5		
	average	7.17	3.14	2.57	5.92	0.62	3.47	5.33	0.39	<5		
	maximum	7.6	12	4	18	1.29	7.09	10.3	1.03	<5		
	90 percentile	7.4	4.0	3.0	14.9	1.1	5.0	6.8	0.7			

Monthly Volume Monitoring Summary

Monitoring frequency: daily
Discharge limit: 10000kL a day

	No of readings	Min kL/day	Average (kL/day)	Max (kL/day)	Compliance
Jul-21	31	197	1029	2407	yes
Aug-21	31	0	372	1114	yes
Sep-21	30	0	513	1215	yes
Oct-21	31	0	746	1094	yes
Nov-21	30	0	534	1214	yes
Dec-21	31	0	491	1519	yes
Jan-22	31	34	770	1417	yes
Feb-22	28	0	566	1307	yes
Mar-22	31	20	1093	2433	yes
Apr-22	30	180	1251	2355	yes
May-22	31	712	1000	1575	yes
Jun-22	30				

Non-compliance comments:

28/09/2021 Oil and Grease was sampled and sent to Sydney Water lab. Covid restrictions and courier strike resulted with sample arrive outside time and preservation requirements. Sample not analysed