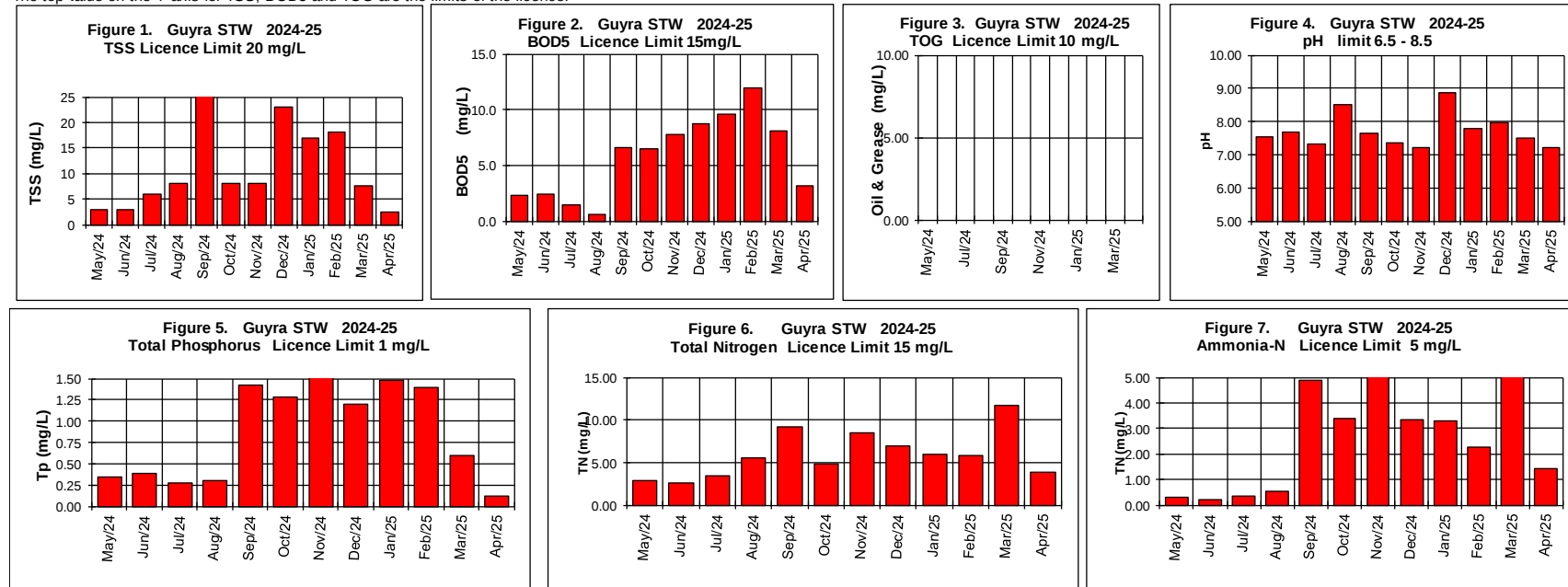


Guyra Waste Water Treatment Plant, 7776 Guyra Road, GUYRA NSW 2365, Licence No. 1671																		
Monitoring Point 1 - discharge to Laura Ck			Licence Period 01May 2024 to 30 April 2025															
Parameter/month	90th %ile	Units	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	Minimum	Average	Maximum	90th %ile
Sample date	Limits	date	31-May	26-Jun	31-Jul	30-Aug	30-Sep	31-Oct	29-Nov	30-Dec	30-Jan	28-Feb	28-Mar	30-Apr				
pH	6.5-8.5		7.54	7.68	7.31	8.50	7.65	7.35	7.22	8.85	7.78	7.98	7.5	7.22	7.22	7.72	8.85	8
EC	no limit	uS/cm	465	527	293	408	554	547	548	695	527	629	535	334	293	505	695	622
TSS	<20	mg/L	3	3	6	8	28	8	8	23	17	18	8	3	3	11	28	22.5
BOD5	<15	mg/L	2.3	2.4	1.50	0.60	6.60	6.50	7.80	8.70	9.6	11.9	8.1	3.2	1	5.8	12	9.51
Ammonia-N	<5	mg/L	0.32	0.20	0.33	0.53	4.90	3.40	5.70	3.34	3.30	2.25	7.98	1.44	0.20	2.8	7.98	5.6
TKN	no limit	mg/L	1.60	1.30	1.10	4.50	8.60	4.30	7.70	5.20	3.00	3.30	11.10	2.20	1.10	4.5	11.10	8.51
NOx-N	no limit	mg/L	1.27	1.27	2.29	0.98	0.64	0.53	0.76	1.78	2.87	2.55	0.59	1.73	0.53	1.44	2.87	2.52
Total N	<15	mg/L	2.90	2.60	3.40	5.50	9.20	4.80	8.50	7.00	5.90	5.80	11.70	3.90	2.60	5.93	11.70	9.13
SRP	no limit	mg/L	0.22	0.33	0.18	0.14	0.98	0.83	1.58	0.75	1.01	1.04	0.27	0.10	0.10	0.62	2	1.0
TP	<1	mg/L	0.35	0.38	0.28	0.30	1.42	1.28	1.90	1.20	1.48	1.40	0.60	0.12	0.12	0.89	1.90	1.5
TOG	<10	mg/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Weir FC	no limit	cfu/100 ml	224	360	640	240	480	84	344	104	320	280	1200	480	84	396	1200	624
Inflow FC	no limit	cfu/100 ml	1080	8000	5000	7000	2200	4200	5000	1600	880	3400	10000	2800	880	4263	10000	7900
Cumulative monthly discharge			ML	18.61	37.65	65.74	94.82	111.72	130.63	150.40	163.07	181.33	195.14	227.39	257.49	Allowable annual total = 218 ML		
Report Date			05-May	03-Jul	05-Aug	04-Sep	05-Oct	05-Oct	04-Dec	05-Jan	04-Feb	05-Mar	02-Apr	05-May				

Abbreviations: EC (electrical conductivity); TSS (total suspended solids); BOD5 (5-day biochemical oxygen demand); TKN (total Kjeldahl nitrogen); NOx-N (nitrate + nitrite as nitrogen); Total N (total nitrogen); SRP (orthophosphate); TP (total phosphorus); TOG (total oil & grease); FC (faecal coliforms)

The top value on the Y-axis for TSS, BOD5 and TOG are the limits of the licence.



Note: Exceedance of TSS 30SEP24,30DEC24; Exceedance of total phosphorus on 30SEP24, 31OCT24, 29NOV24, 30DEC24, 30JAN25, FEB25

Table 2. Water Quality Monitoring data for licence period