

GWYDIR SHIRE COUNCIL - BINGARA EPA L586 - Monthly sample results

Date - Sampled	Date Results obtained	Report No	Location	month	EPA Year	ph	Conductivity	BOD - 90% Limit 20mg/L	SS - 90% Limit 30mg/L	oil/grease - 90% limit <10mg/L, 100% - Nonvisible	Ammonia	Nitrite + Nitrate	Nitrite	Nitrate	K Nitroge	Nitrogen	Phosphorous	F coliforms	Comments / Exceedences
17/01/2018			Bingara	1	2018	8	0.58	12	12	5	0.1			1.3	4.1	5.3	6.35	15000	
14/02/2018			Bingara	2	2018	9	0.58	6	13	5	0.1			0.5	2.2	2.7	4.33	-300	
21/03/2018			Bingara	3	2018	8.2	0.59	3	8	5	0.1			0.8	1.7	2.5	5.85	200	
26/04/2018			Bingara	4	2018	8.3	0.64	6	12	5	0.05			0.04	2.5	2.5	2.17	12000	
24/05/2018			Bingara	5	2018	7.9	0.68	50	38	5	8.4			1.7	11.5	13.2	6.12	10000	
19/06/2018			Bingara	6	2018	7.9	0.68	10	6	5	3.3			6	4.4	10.4	5.21	-33	
17/07/2018			Bingara	7	2018	7.8	0.76	50	28	5	16.9			4.5	19.4	23.8	5.71	1700	
31/08/2018			Bingara	8	2018	7.9	0.74	21	30	5	23.5			1.4	26	27.4	8.49	3900	
20/09/2018			Bingara	9	2018	7.8	0.68	14	3	5	9.6			12	9.4	21.4	6.84	1800	
9/10/2018			Bingara	10	2018	7.9	0.71	20	13	5	13.4			5.4	17.9	23.2	7.64	70	
14/11/2018			Bingara	11	2019	9.4	0.59	13	27	5	3			2.6	7.2	9.7	4.73	1100	
12/12/2018			Bingara	12	2019	9.5	0.56	6	16	5	0.1			0.7	2.8	3.5	1.85	6	
22/01/2019			Bingara	1	2019	8.1	0.64	12	29	5	11.3			0.7	13.5	14.2	6.18	64000	
19/02/2019			Bingara	2	2019	9.3	0.56	10	24	5	1.9			0.9	6.3	7.2	3.77	180	
20/03/2019			Bingara	3	2019	7	0.877	10	52	5	2.16			0.32	7.2	7.5	4.28	60	
10/04/2019			Bingara	4	2019	8.9	0.624	13	24	5	2.08			1.46	2.5	4	2.27	4000	
22/05/2019			Bingara	5	2019	7.9	0.652	85	32	5	10.5			4.28	15.1	19.4	5.38	15000	
19/06/2019			Bingara	6	2019	7.9	0.605	9	5	5	4.5			6.2	6.3	12.5	4.53	2	
24/07/2019			Bingara	7	2019	7.8	0.63	28	4	5	10.1			4.5	12.3	16.8	5.44	130	
6/08/2019			Bingara	8	2019	7.8	0.652	16	22	5	5.9			9.6	7.2	16.8	6.23	2	
11/09/2019			Bingara	9	2019	7.9	0.74	18	23	7	11.7			3.8	12.7	16.5	6.01	110	
9/10/2019			Bingara	10	2019	7.9	0.743	24	8	5	6			2.7	9.8	12.6	7.28	980	
21/11/2019			Bingara	11	2020	7.9	0.76	24	52	5	15.1			0.3	20.9	21.2	9.6	3400	
17/12/2019	2/01/2020		Bingara	12	2020	8.9	0.698	20	62	5	4			0.9	9.3	10.2	6.62	580	
14/01/2020			Bingara	1	2020	9.7	0.693	8	52	5	0.1			0.5	8.1	8.6	2.53	15	
12/02/2020			Bingara	2	2020	9.8	0.607	7	48	5	0.1			0.2	3.6	3.8	1.96	26	
25/03/2020			Bingara	3	2020	10.1	0.571	7	17	5	0.1			0.4	2.6	2.9	1.17	2	
22/04/2020			Bingara	4	2020	9.8	0.581	6	20	5	0.1			0.3	3.2	3.5	1.57	4	
27/05/2020			Bingara	5	2020	9	0.57	16	30	5	0.2			3.5	3.8	7.4	3.85	82	
11/06/2020			Bingara	6	2020	9.4	0.578	35	43	5	1.9			4.2	7.2	11.5	3.82	540	
01/07/2020			Bingara	7	2020	8	0.65	26	16	6	5.3			2.4	10.3	12.7	5.95	6	
19/08/2020			Bingara	8	2020	8.8	0.63	51	66	5	5.6			2.8	14.8	17.6	6.94	740	
02/09/2020	17/09/2020	201691	Bingara	9	2020	8.2	0.64	41	35	5	4.6			3.2	10.2	13.4	6.5	60	
14/10/2020			Bingara	10	2020	8.3	0.65	35	25	5	5.2			1.58	12	13.6	4.72	140	
04/11/2020	13/11/2020	202107	Bingara	11	2021	7.8	0.66	23	24	<5	0.79			8.82	4.5	13.3	6.34	3600	
15/12/2020	24/12/2020	202396	Bingara	12	2021	8.7	0.65	4	24	5	0.04			1.78	3.3	5.1	5.01	80	
05/01/2021	15/01/2021	210034	Bingara	1	2021	9.6	0.52	3	8	<5	0.06			0.66	2.5	1.8	1.32	21	
09/02/2021	18/02/2021	210267	Bingara	2	2021	9.1	0.55	10	30	<5	1.79			0.72	4.6	5.3	3.21	600	Samples collected from point 3 - no discharge to river
24/03/2021	7/04/2021	210607	Bingara	3	2021	7.7	0.48	22	30	<5	8.67			1.9	10.4	12.3	3.38	65,000	Samples collected from point 3 - no discharge to river
07/04/2021	15/04/2021	210700	Bingara	4	2021	10.0	0.47	6	15	<5	0.09			0.67	2.0	2.7	1.09	12	
26/05/2021	3/06/2021	211043	Bingara	5	2021	9.6	0.55	17	39	<5	0.13			0.83	4.5	5.3	1.74	4	Samples collected from point 3 - no discharge to river
22/06/2021	1/07/2021	211211	Bingara	6	2021	8.3	0.61	22	15	<5	3.22			2.05	6.6	8.6	3.15	52	
20/07/2021	28/07/2021	211386	Bingara	7	2021	8.3	0.57	64	59	<5	2.11			3.25	9.8	13.0	4.94	14	No discharge to river - samples collected at Point 3 final tertiary pond
25/08/2021	9/09/2021	1621 & 2116	Bingara	8	2021	7.5	0.67	23	8	<5	5.30			1.6	7.8	9.5	4.87	8	
15/09/2021	23/09/2021	211768	Bingara	9	2021	7.8	0.65	12	19	<5	13.00			0.3	14.9	15.2	7.45	670	
13/10/2021	25/10/2021	211947	Bingara	10	2021	7.4	0.55	15	3	<5	2.60			2.27	4.5	6.8	4.06	*160	

16/11/2021	30/11/2021	212176	Bingara	11	2022	8.2	0.54	7	32	<5	0.14			2.08	6.1	6.1	4.74	800	Sample taken from Point 3 - no discharge into Gwydir River
15/12/2021	4/01/2022	212407	Bingara	12	2022	10.2	0.44	4	32	<5	0.02			0.02	2.8	2.8	1.26	<2	Sample taken from Point 3 - no discharge into Gwydir River
05/01/2022	17/01/2022	220037	Bingara	1	2022	9.4	0.53	10	33	<5	0.26			0.05	5.1	5.2	1.91	58	Sample taken from Point 3 - no discharge into Gwydir River
16/02/2022	24/02/2022	220308	Bingara	2	2022	8.7	0.62	<2	53	<5	8.07			1.55	13.2	14.8	6.41	84,000	Sample taken from Point 3 - no discharge into Gwydir River
08/03/2022	21/03/2022	220423	Bingara	3	2022	9.0	0.53	3	39	<5	3.60			1.25	7.1	8.4	4.88	2,900	Sample taken from Point 3 - no discharge into Gwydir River
06/04/2022	13/04/2022	220622	Bingara	4	2022	8.8	0.52	40	66	<5	1.64			1.45	5.5	8.3	6.25	500	Sample taken from Point 3 - no discharge into Gwydir River
18/05/2022	27/05/2022	220944	Bingara	5	2022	8.6	0.54	<2	34	<5	0.80			2.49	13.1	16.7	5.96	*600	Sample taken from Point 3 - no discharge into Gwydir River
15/06/2022	28/06/22	221251	Bingara	6	2022	8.8	0.55	33	110	6	1.6			5.08	14.6	20.2	5.47	270	Sample taken from Point 3 - no discharge into Gwydir River
06/07/2022	12/07/2022	221461	Bingara	7	2022	7.8	0.54	24	34	<5	1.5			2.2	6.3	8.4	3.75	*1,100	Sample taken from Point 3
10/08/2022	19/08/2022	221722	Bingara	8	2022	7.8	0.61	45	54	<5	12.6			2.36	19.8	22.2	6.11	*6,200	Sample taken from Point 3 - no discharge into Gwydir River
07/09/2022	16/09/2022	221904	Bingara	9	2022	7.6	0.5	35	41	<5	0.97			2.97	8.6	11.6	5.11	*20	Sample taken from Point 3 - no discharge into Gwydir River
11/10/2022	18/10/2022	222157	Bingara	10	2022	7.8	0.51	39	29	<5	6.6			1.31	10.8	12.8	5.29	*32	Sample taken from Point 3 - no discharge into Gwydir River
09/11/2022	16/11/2022	222396	Bingara	11	2023	7.7	0.46	21	20	<5	2.4			2.75	4.1	7.3	2.65	46	Sample taken from Point 3 - no discharge into Gwydir River
14/12/2022	3/01/2023	222643	Bingara	12	2023	8.6	0.73	31	50	12	3.7			0.19	10.8	11	6.33	4,800	Sample taken from Point 3 - no discharge into Gwydir River
11/01/2023	24/01/2023	230091	Bingara	1	2023	9.1	0.7	12	34	7	0.88			0.22	6	6.2	4.16	420	Sample taken from Point 3 - no discharge into Gwydir River
16/02/2023	27/02/2023	230325	Bingara	2	2023	8.5	0.57	53	99	<5	1.00			<0.10	8.7	8.7	6.17	580	Sample taken from Point 3 - no discharge into Gwydir River
21/03/2023	31/03/2023	230556	Bingara	3	2023	7.8	0.57	18	31	<5	0.20			<0.10	6.5	6.5	4.76	*100	Sample taken from Point 3 - no discharge into Gwydir River
19/04/2023	3/05/2023	230768	Bingara	4	2023	8.1	0.61	4	43	<5	2.70			<0.2	7.3	7.6	3.49	*1100	Sample taken from Point 3 - no discharge into Gwydir River
23/05/2023	2/06/2023	230963	Bingara	5	2023	8.5	0.67	12	15	<5	7.30			0.49	11.5	12.1	3.62	*900	
14/06/2023	26/06/2023	231110	Bingara	6	2023	8.2	0.69	71	98	<5	17			0.13	26.4	26.6	9.35	29,000	Sample taken from Point 3 - no discharge into Gwydir River
20/07/2023	27/07/2023	231362	Bingara	7	2023	7.8	0.75	24	15	<5	13.17			<0.10	33.6	33.6	9.96	4,600	Sample taken from Point 3 - no discharge into Gwydir River
17/08/2023	29/08/2023	231545	Bingara	8	2023	8.4	0.9	20	18	<5	23.54			<0.10	30.63	31	10.61	2,000	Sample taken from Point 3 - no discharge into Gwydir River
06/09/2023	13/09/2023	231680	Bingara	9	2023	8.4	0.87	34	69	<5	15.96			0.38	22.5	23.2	6.98	10,000	Sample taken from Point 3 - no discharge into Gwydir River
24/10/2023	1/11/2023	231952	Bingara	10	2023	8.4	0.7	19	19	<5	4.35	0.69	0.69	<0.5	8.3	9	8.67	*100	
08/11/2023	14/11/2023	232047	Bingara	11	2024	8.0	0.78	34	38	<5	15.82	0.73	0.38	0.35	31.8	32.5	16.78	3,500	Sample taken from Point 3 - no discharge into Gwydir River
13/12/2023	21/12/2023	232267	Bingara	12	2024	8.4	0.63	12	30	<5	6.17	<1.0	<1	<1	9.7	9.7	6.37	1,100	Sample taken from Point 3 - no discharge into Gwydir River
23/01/2024	02/02/2024	240146	Bingara	1	2024	8.6	0.57	27	96		1.7	1.19	0.85	0.34	8.2	9.4	6.36	4,500	Sample taken from Point 3 - no discharge into Gwydir River
14/02/2024	23/02/24	240268	Bingara	2	2024	7.7	0.67	46	244	<5	16.99	<0.10	<0.10	<0.10	51.0	51.0	10.95	2,800	Sample taken from Point 3 - no discharge into Gwydir River
13/03/2024	26/03/2024	240477	Bingara	3	2024	7.9	0.68	16	33	<5	17.39	0.7	0.25	0.46	22.5	23.2	6.54	27,500	Sample taken from Point 3 - no discharge into Gwydir River
08/04/2024	22/04/2024	240633	Bingara	4	2024	7.9	0.64	19	40	<5	10.85	2.33	1.58	0.75	11.9	14.2	6.68	NT	Sample taken from Point 3 - no discharge into Gwydir River
15/05/2024	28/05/2024	240900	Bingara	5	2024	8.1	0.60	18	23	<5	2.87	1.42	0.38	1.04	6.3	7.7	3.53	400	Sample taken from Point 3 - no discharge into Gwydir River

05/06/2024	18/06/2024	241145	Bingara	6	2024	8.1	0.60	18	12	<5	<1	1.39	<0.10	1.39	12	13.4	3.05	<100	Sample taken from Point 3 - no discharge into Gwydir River
16/07/2024	25/07/2024	241571	Bingara	7	2024	8.3	0.65	90	56	<5	10.44	1.51	<1	1.51	18.8	20.3	7.17	240	Sample taken from Point 3 - no discharge into Gwydir River
07/08/2024	16/08/2024	241730	Bingara	8	2024	8.2	0.62	4	7	<5	<0.10	5.28	<1	5.28	2.2	7.5	4.52	<10	Sample taken from Point 3 - no discharge into Gwydir River
18/09/2024	25/09/2024	242034	Bingara	9	2024	8.1	0.63	13	17	<5	<1	3.82	<.10	3.82	39.7	43.5	36.31	40	Sample taken from Point 3 - no discharge into Gwydir River
29/10/2024	6/11/2024	242360	Bingara	10	2024	8.2	0.64	8	16	<5	0.5	4.2	<0.1	4.2	2.1	6.4	6.26	600	Sample taken from Point 3 - no discharge into Gwydir River
07/11/2024	12/11/2024	242445	Bingara	11	2025	8.1	0.63	5	16	<5	<1	3.14	<0.10	3.14	1.3	4.5	5.23	230	Sample taken from Point 3 - no discharge into Gwydir River
17/12/2024	24/12/2024	242741	Bingara	12	2025	7.7	0.67	19	31	<5	11.04	<.10	<.10	<.10	12.9	12.9	7.12	830	Sample taken from Point 3 - no discharge into Gwydir River
08/01/2025	17/01/2025	250054	Bingara	1	2025	7.8	0.70	31	123	<5	16.64	<0.10	<0.10	<0.10	23.4	23.4	8.14	>2,000	Sample taken from Point 3 - no discharge into Gwydir River
10/02/2025	17/02/2025	250294	Bingara	2	2025	7.8	0.64	13	36	<5	16.35	<1	<1	<1	22	22	8.26	24000	Sample taken from Point 3 - no discharge into Gwydir River
11/03/2025	24/03/2025	250540	Bingara	3	2025	7.5	0.80	20	43	<5	10.36	<0.10	<0.10	<0.10	12.5	12.5	5.40	5,300	Sample taken from Point 3 - no discharge into Gwydir River
09/04/2025	15/04/2025	250807	Bingara	4	2025	8.1	0.54	10	15	<5	<1	3.93	<.10	3.93	2.1	6.1	4.80	500	Sample taken from Point 3 - no discharge into Gwydir River
14/05/2025	21/05/2025	251054	Bingara	5	2025	8.2	0.60	7	11	<5	<1	2.35	<1	2.35	1.6	4	2.61	*20	Sample taken from Point 3 - no discharge into Gwydir River
25/06/2025	4/07/2025	251394	Bingara	6	2025	7.9	0.87	27	41	<5	18.05	2.96	0.18	2.78	22.5	25.4	4.46	2400	Sample taken from Point 3 - no discharge into Gwydir River
16/07/2025	22/07/2025	251553	Bingara	7	2025	8.6	0.77	44	156	<5	8.1	2.08	0.26	1.82	15.3	17.4	3.54	3900	Sample taken from Point 3 - no discharge into Gwydir River
19/08/2025	26/08/2025	251805	Bingara	8	2025	7.8	0.6	24	53	<5	3.6	1.09	0.31	0.78	6.2	7.3	6.16	*30	Sample taken from Point 3 - no discharge into Gwydir River
17/09/2025	23/09/2025	252016	Bingara	9	2025	8	0.63	39	58	<5	8.3	1.92	0.63	1.29	16.3	18.2	10.09	230	Sample taken from Point 3 - no discharge into Gwydir River
14/10/2025	21/10/2025	252220	Bingara	10	2025	8	0.72	9	74	<5	8.7	0.45	0.22	0.23	12.4	12.8	7.66	*1700	Sample taken from Point 3 - no discharge into Gwydir River
6/11/2025	17/11/2025	252396	Bingara	10	2025	8	0.7	41	159	<5	3.44	2.15	0.88	1.27	8.9	11	3.91	220	Sample taken from Point 3 - no discharge into Gwydir River