



Surface Water Monitoring Results

2026 Monitoring Outcomes

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Event Date	19 May 2026	29 May 2026						
Discharge Point 1 (Settling pond on Northern Boundary)	Daily During Discharge	EPL Section P1.2 Section L2.4 Section M2.2	6.5	8.5	pH	pH	Result	7.1	7.9						
							Pass / Fail	Pass	Pass						
			-	50	mg/L	Suspended Solids	Result	36.7	40.0						
							Pass / Fail	Pass	Pass						
			-	10	mg/L	Oil and Grease	Result	<5	<5						
							Pass / Fail	Pass	Pass						
			-	15	mg/L	Biological Oxygen Demand	Result	<5	23.0						
							Pass / Fail	Pass	Fail						
			-	-	mg/L	Alkalinity (CO3)	Result	75.0	55.0						

2025 Monitoring Outcomes

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Event Date	16 Jan 2025	2 Apr 2025	28 May 2025	23 Jul 2025	22 Aug 2025
Discharge Point 1 (Settling pond on Northern Boundary)	Daily During Discharge	EPL Section P1.2 Section L2.4 Section M2.2	6.5	8.5	pH	pH	Result	7.4	7.5	8.0	8.4	8.3
							Pass / Fail	Pass	Pass	Pass	Pass	Pass
			-	50	mg/L	Suspended Solids	Result	41	10	40	61	40
							Pass / Fail	Pass	Pass	Pass	Fail	Pass
			-	10	mg/L	Oil and Grease	Result	<5	<5	<5	<5	<5
							Pass / Fail	Pass	Pass	Pass	Pass	Pass
			-	15	mg/L	Biological Oxygen Demand	Result	<5	<5	<5	7	<5
							Pass / Fail	Pass	Pass	Pass	Pass	Pass
			-	-	mg/L	Alkalinity (CO3)	Result	153	52	52	132	52

Rainfall Monitoring Results

Data Source Location		BOM Station 055325 (Tamworth Airport)												
Total Rainfall (YTD)											(mm)	169		
Year	2026	Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Frequency	Daily	Total Rainfall (mm)	87.4	24.2	11.0	0.0	46.4	-	-	-	-	-	-	-
Source	BOM Data	Rainy Days	9.0	4.0	5.0	0.0	3.0	-	-	-	-	-	-	-
Unit	mm	Av. Rainfall / Event (mm)	9.7	6.1	2.2	0.0	15.5	-	-	-	-	-	-	-

Data Source Location		BOM Station 055325 (Tamworth Airport)												
Total Rainfall (YTD)											(mm)	851		
Year	2025	Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Frequency	Daily	Total Rainfall (mm)	64.2	37.0	148.4	84.0	91.4	20.6	96.2	101.6	38.0	31.2	84.4	54.0
Source	BOM Data	Rainy Days	9.0	7.0	7.0	8.0	11.0	7.0	15.0	10.0	5.0	8.0	13.0	9.0
Unit	mm	Av. Rainfall / Event (mm)	7.1	5.3	21.2	10.5	8.3	2.9	6.4	10.2	7.6	3.9	6.5	6.0

Data Source Location		BOM Station 055325 (Tamworth Airport)												
Total Rainfall (YTD)											(mm)	781		
Year	2024	Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Frequency	Daily	Total Rainfall (mm)	55.6	56.0	119.6	122.0	29.6	99.4	57.2	62.8	60.8	63.6	42.6	11.4
Source	BOM Data	Rainy Days	5.0	12.0	9.0	8.0	7.0	12.0	8.0	13.0	7.0	13.0	10.0	3.0
Unit	mm	Av. Rainfall / Event (mm)	11.1	4.7	13.3	15.3	4.2	8.3	7.2	4.8	8.7	4.9	4.3	3.8

Data Source Location		BOM Station 055325 (Tamworth Airport)												
Total Rainfall (YTD)											(mm)	684		
Year	2023	Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Frequency	Daily	Total Rainfall (mm)	75.0	14.0	215.8	29.0	0.2	52.0	26.8	12.8	1.8	34.4	135.8	86.8
Source	BOM Data	Rainy Days	9.0	4.0	12.0	5.0	1.0	9.0	9.0	7.0	2.0	2.0	14.0	12.0
Unit	mm	Av. Rainfall / Event (mm)	8.3	3.5	18.0	5.8	0.2	5.8	3.0	1.8	0.9	17.2	9.7	7.2