

11 August 2026

Director Petroleum Operations
Department of Lands, Planning and Environment
PO Box 3675
Darwin NT 0801

Attention: Ms Sally Strohmayer

Dear Ms Strohmayer

Re: Quarter 2 2026 – Groundwater Monitoring Results – Beetaloo Basin Drilling, Stimulation and Well Testing Program Environment Management Plan – Amungee NW (ORI10-3)

In accordance with the ministerial condition of approval 5 (ii) of the *Beetaloo Sub -Basin Multi-well Drilling, Stimulation and Well Testing Program Environment Management Plan* (ORI10-3) (Beetaloo Multi-well EMP), water quality results are provided to the Department of Lands, Planning and Environment (DLPE) 2 months after collection of the Quarter 2 2026 monitoring event.

While not a requirement of the conditions of approval for the Beetaloo Multi-well EMP, statistical summaries comprising the interquartile ranges for the groundwater quality parameters identified in the Code of Practice have been provided for the Amungee NW site (Table 1). The parameters for which the 75th percentile concentration in the impact monitoring bore exceeds the 75th percentile concentration in the control monitoring bore are highlighted.

Table 1: Quarter 2 2026 Groundwater quality monitoring result reporting summary

Data required	Tamboran response
The title of the current plan the relevant approval conditions the submission of quarterly groundwater data is intended to satisfy	<i>Beetaloo Sub -Basin Multi-well Drilling, Stimulation and Well Testing Environment Management Plan</i> (ORI10-3)
Details of the relevant approval condition the notification of any groundwater monitoring results above the interquartile range is intended to satisfy	Self-Reporting – noting: Condition 5: <i>In support of clause B.4.17.2 of the Code of Practice: Onshore Petroleum Activities in the Northern Territory, the interest holder must:</i> ii. provide DEPWS, via Onshoregas.DEPWS@nt.gov.au, the results of quarterly groundwater monitoring, as soon as practicable and no later than 2 months after collection, in a format determined by DEPWS.¹

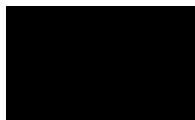
¹ Under the new Administration Arrangement Orders the following departmental name change has occurred - Department of Environment, Parks and Water Security (DEPWS) has been revised to Department of Lands Planning and Environment (DLPE). Email address – Onshoregas.DLPE@nt.gov.au

Data required	Tamboran response
Information to demonstrate that the reporting has occurred within the timeframe specified in the relevant condition	Groundwater monitoring results been collected during the reporting period and are submitted to DLPE post sampling event. The monitoring frequency of the groundwater program aligns with the Ministerial Condition 5i. which requires quarterly groundwater monitoring.
Statement on whether the analytical results are within or outside of natural variability of baseline groundwater quality	The analytical results from the Amungee NW Gum Ridge impact monitoring bore (RN043018) have recorded several results outside of the interquartile range of the control monitoring bore (RN040894).
Highlighting the data that are above the respective interquartile range for the relevant groundwater parameter/s	Seven (7) chemical parameters measured in the impact monitoring bore were identified to exceed the 75th percentile of background concentrations (Table 2). The results of the statistical analysis, identifying the analytes that exceed the 75th percentile, is provided separately to this summary.
A summary and an analysis of causes for elevated groundwater monitoring results and actions taken to ensure that protection of groundwater is maintained	The 75th percentile exceedances observed from the impact monitoring bore are: • within the natural variability based on the hydrogeological conceptualisation of the Cambrian limestone aquifers; including likelihood of rainfall recharge entering the aquifer from the 2024/2025 and 2025/2026 wet season. • the low absolute concentrations where exceedances occur are generally within laboratory error ranges. • Results of groundwater monitoring confirm no material deterioration in groundwater quality associated with Tamboran's activities.
The outcome of the risk review undertaken as a result of the notification, including an updated assessment of the occurrence likelihood and whether this changes the risk ranking.	The absolute concentrations where exceedances occur do not materially change the groundwater quality. There is no change to the risk ranking associated with the activity.

A full compilation of water quality monitoring results across Tamboran's sites has been provided with this report.

If you require any further information, please do not hesitate to email me.

Kind Regards



Senior Approvals Manager
Tamboran B2 Pty Ltd

Table 2: Amungee NW 1 Gum Ridge Formation Bore Comparison Results, April 2026

Table 2: Quarter 2 2026 Amungee NW1 Gum Ridge Formation Bore Comparison from April 2026

Analyte	RN040894 (BET-MB019) Count Samples	EQL	EQL Units	Output Unit	RN040894 (BET-MB019) 75th percentile	RN043018 (BET-MB027) Concentration as of Last Sample Date 21/1/2026	RN040894 (BET-MB019) to RN043018 (BET-MB027) Ratio	75th Percentile Exceedance	Comment
Acenaphthene	22	1	µg/L	µg/L	1	1	1	Complies	
Acenaphthylene	22	1	µg/L	µg/L	1	1	1	Complies	
Alkalinity (Bicarbonate as CaCO ₃)	22	1	mg/L	mg/L	416	388	0.93	Complies	
Alkalinity (Carbonate as CaCO ₃)	22	1	mg/L	mg/L	1	1	1	Complies	
Anthracene	22	1	µg/L	µg/L	1	1	1	Complies	
Arsenic	22	0.001	mg/L	mg/L	0.001	0.001	1	Complies	
Barium	22	0.001	mg/L	mg/L	0.067	0.058	0.87	Complies	
Benzene	22	1	µg/L	µg/L	1	1	1	Complies	
Benzo(a)anthracene	22	1	µg/L	µg/L	1	1	1	Complies	
Benzo(b+j)fluoranthene	22	0.001	mg/L	mg/L	0.001	0.001	1	Complies	
Benzo(g,h,i)perylene	22	1	µg/L	µg/L	1	1	1	Complies	
Benzo(k)fluoranthene	22	1	µg/L	µg/L	1	1	1	Complies	
Boron	22	0.05	mg/L	mg/L	0.1675	0.1	0.60	Complies	
Cadmium	22	0	mg/L	mg/L	0.0001	0.0001	1	Complies	
Chloride	22	1	mg/L	mg/L	106	121	1.14	Exceedance	Less than historical maximum, no discernible trend possible rising trend since October 2024
Chromium (III+VI)	22	0.001	mg/L	mg/L	0.001	0.001	1	Complies	
Chrysene	22	1	µg/L	µg/L	1	1	1	Complies	
Copper	22	0.001	mg/L	mg/L	0.001	0.001	1	Complies	
Dibenz(a,h)anthracene	22	1	µg/L	µg/L	1	1	1	Complies	
Electrical Conductivity (Lab)	21	1	µS/cm	µS/cm	1180	1190	1.01	Exceedance	Dynamic with no real trend - equal with historical maximums
Ethane	21	10	µg/L	µg/L	10	10	1	Complies	
Ethylbenzene	22	2	µg/L	µg/L	2	2	1	Complies	
Fluoranthene	22	1	µg/L	µg/L	1	1	1	Complies	
Fluorene	22	1	µg/L	µg/L	1	1	1	Complies	
Fluoride	22	0.1	mg/L	mg/L	0.5	0.5	1	Complies	
Indeno(1,2,3-c,d)pyrene	22	1	µg/L	µg/L	1	1	1	Complies	
Iron	22	0.05	mg/L	mg/L	1.395	6.08	4.36	Exceedance	Consistent with historical concentrations.
Lead	22	0.001	mg/L	mg/L	0.001	0.001	1	Complies	
Lithium	9	0.001	mg/L	mg/L	0.055	-	-	Complies	
Manganese	22	0.001	mg/L	mg/L	0.098	0.294	3	Exceedance	Broadly declining trend, and significantly lower than historical maximum
Mercury	22	0	mg/L	mg/L	0.0001	0.0001	1	Complies	
Methane	21	0.01	mg/L	mg/L	0.01	0.021	2.1	Exceedance	Trace level of methane detected. Within historical trends.
pH (Field)	36	0.01	pH units	pH units	6.8	6.94	1.02	Exceedance	Small exceedance within calibration and measurement error.

Analyte	RN040894 (BET-MB019) Count Samples	EQL	EQL Units	Output Unit	RN040894 (BET-MB019) 75th percentile	RN043018 (BET-MB027) Concentration as of Last Sample Date 21/1/2026	RN040894 (BET-MB019) to RN043018 (BET-MB027) Ratio	75th Percentile Exceedance	Comment
pH (Lab)	21	0.01	pH units	pH units	7.45	7.6	1.02	Exceedance	Small exceedance within calibration and measurement error.
Phenanthrene	22	1	µg/L	µg/L	1	1	1	Complies	
Propane	21	0.01	mg/L	mg/L	0.01	0.01	1	Complies	
Pyrene	22	1	µg/L	µg/L	1	1	1	Complies	
Selenium	2	0.004	mg/L	mg/L	0.004	0.004	1	Complies	
Selenium	20	0.01	mg/L	mg/L	0.01	0.01	1	Complies	
Silver	22	0.001	mg/L	mg/L	0.001	0.001	1	Complies	
Strontium	10	0.001	mg/L	mg/L	0.7055	0.681	0.97	Complies	
Temperature (Field)	35			°C	36.125	34.6	0.96	Complies	
Toluene	22	2	µg/L	µg/L	2	2	1	Complies	
Xylene (m & p)	22	2	µg/L	µg/L	2	2	1	Complies	
Xylene (o)	22	2	µg/L	µg/L	2	2	1	Complies	
Xylene Total	22	2	µg/L	µg/L	2	2	1	Complies	
Zinc	22	0.005	mg/L	mg/L	0.01675	0.016	0.96	Complies	