

**BEETALOO BASIN GROUNDWATER MONITORING  
BORE INSTALLATION PROGRAM EP 98, 2018**  
Annual Environment Performance Report (AEPR)

**Tamboran B2 Pty Ltd**


## Document Details

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<b>Permit area</b>	EP 98
<b>Interest holder details</b>	Tamboran B2 Pty Ltd ABN 42 105 431 525
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<b>Approved by</b>	Matt Kernke: Environment and Approvals Manager
<b>Date approved</b>	22 November 2023

## Version History

Rev	Date	Reason for issue	Reviewer	Approver
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## Signature and certification

I hereby declare that the information provided in this annual environment performance report and accompanying documents is to the best of my/our knowledge, true and correct.	
<b>Signature</b>	
<b>Name</b>	(per) Matt Kernke
<b>Position</b>	Environment and Approvals Manager
<b>Date</b>	22 November 2023

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## 1. INTRODUCTION

The Northern Territory (NT) Petroleum (Environment) Regulations 2016 (the Regulations) include a requirement<sup>1</sup> for the interest holder to provide a report to the Minister on an annual basis that outlines the environmental performance of regulated activities. The Annual Environment Performance Report (AEPR) must include sufficient information to allow the Minister to assess whether the interest holder has met the environmental outcomes and environmental performance standards included in the approved Environment Management Plan (EMP). The report is to consider information required to be recorded, monitored or reported under the Regulations and any other law in force in the NT related to conduct of the regulated activity.

This AEPR covers the regulated activities approved under the *Beetaloo Basin Groundwater Monitoring Bore Installation Program EMP EP 98*, approved by the Minister on 22 November 2018.

The AEPR covers the following reporting periods 23 November 2022 – 22 November 2023 and concludes the 5 year reporting against this EMP.

### 1.1 Acronyms and abbreviations

**Table 1 Summary of acronyms and abbreviations**

Acronym	Definition
AAPA	Aboriginal Areas Protection Authority
AEPR	Annual Environment Performance Report
Code	Code of Practice: Onshore Petroleum Activities in the Northern Territory
DEPWS	Department of Environment, Parks and Water Security
DITT	Department of Industry, Tourism and Trade
EMP	Environment management plan
ha	hectare
NT	Northern Territory
Regulations	Petroleum (Environment) Regulations 2016

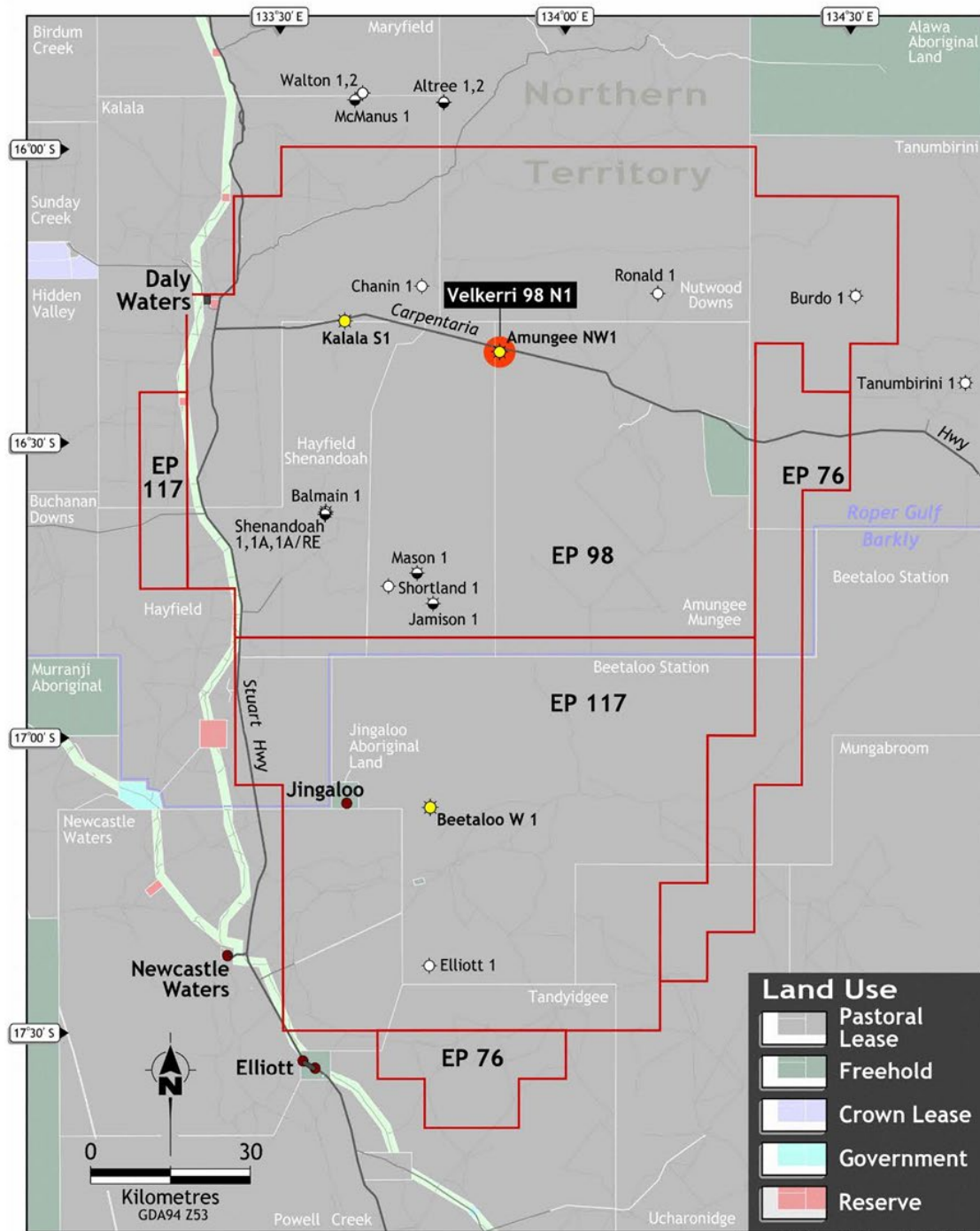
<sup>1</sup> Petroleum (Environment) Regulations 2016 (NT) sch 1, item 11.

## 1.2 Background

Except for quarterly groundwater monitoring, there were no other regulated activities undertaken at the site during the reporting period under this EMP.

A Regulation 14 notification has been submitted to DEPWS to close-out the regulated activities under this EMP associated with drilling the control monitoring bore (CMB) RN040894. Groundwater extraction and compliance will continue under WEL GRF 10285. Ongoing monitoring, maintenance and rehabilitation of RN040894 has been subsumed under the *Beetaloo Sub-basin Multi-well Drilling, Stimulation and Well Testing Program EMP (ORI10-3.3)*.

The location of the regulated activities is provided in Figure 1.



**Legend**

- |                  |                      |                                               |
|------------------|----------------------|-----------------------------------------------|
| Beetaloo permits | Town                 | Historic petroleum well                       |
| Road             | Aboriginal community | Existing Tamboran exploration well            |
| Unsealed track   | Local Govt. area     | Proposed groundwater monitoring bore location |

Figure 1: Beetaloo Sub-basin groundwater monitoring bore installation program EP 98

### 1.3 Contents of performance report

This AEPR describes the environmental performance of the interest holder by evaluation of the following:

1. Compliance with Ministerial approval conditions, for the EMP.
2. Compliance with each environmental outcome and environmental performance standard within the approved EMP.
3. Compliance with reporting requirements in accordance with the Code and Regulations.
4. All recordable and reportable incidents, including root cause analysis and related corrective actions to prevent re-occurrence.
5. Findings of all regulatory inspections and audits and related actions to address any findings.

### 1.4 Assessment of compliance

Table 2 shows the compliance status indicators used in this AEPR which have been defined by the Department of Environment, Parks and Water Security (DEPWS).

**Table 2: Compliance descriptors**

Indicator	Description
Compliant	Compliant with requirement for entire 12-month reporting period
Not Compliant	Interest holder did not comply with the requirement during the reporting period
Not Applicable	Requirement not applicable during the reporting period

### 1.5 Evidence of compliance

The following sources of evidence are used to demonstrate compliance:

1. Internal monitoring of compliance by the interest holder, including:
  - Routine inspections as committed in the EMP, including post we-season weed survey completed in late May 2023 and pre-wet season weed survey completed in late October 2023.
  - Routine site inspections with maintenance actioned as required.
2. Outcomes from regulatory inspection(s) conducted by the DEPWS, Petroleum Operations.
3. Recordable and reportable incident reports submitted to DEPWS Petroleum Operations.
4. Reports provided to DEPWS, DITT and other government agencies.

## 2. DEMONSTRATION OF COMPLIANCE

### 2.1 Ministerial condition compliance

Table 3 demonstrates Tamboran’s compliance with Ministerial EMP approval conditions.

**Table 3: Ministerial condition summary table**

No	Ministerial condition	Compliance Status	Evidence
2a	Water monitoring bores will be drilled and constructed by a water bore driller licensed under the Water Act and in accordance with the current version of the Minimum Construction Requirements for Water bores in Australia	Compliant	Water bores drilled by Allwell (NT) Pty Ltd, with licenced driller DL0157. Drilling of bore RN040894 was completed on 4 December 2018. A <a href="#">statement of bore</a> was submitted to the NT Water Resources division of DEPWS by Allwell drilling upon completion of the bore, received by Water Resource on 8 January 2019.
2b	The groundwater bore installation must be completed within 12 months from the date of this approval.	Compliant	A statement of bore was submitted to the NT Water Resources division of DEPWS by Allwell drilling upon completion of the bore. The statement of bore demonstrates the drilling of the bore was completed within the required timeframe.



## 2.2 Environmental outcomes and performance standards

Table 4 provides a systematic overview of compliance with the environmental outcomes and environmental performance standards described in the approved EMP. Table 4 also identifies those environmental outcomes and environmental performance standards now covered by ongoing regulated activities under *Beetaloo Sub-basin Multi-well Drilling, Stimulation and Well Testing Program EMP (ORI10-3)*, approved by the Minister on 19 May 2022.

**Table 4: Environmental outcome and performance standard compliance summary**

#	Environmental outcomes	Environmental Performance Standard (EPS)	Compliance	Evidence
1	<ul style="list-style-type: none"> <li>Minimise disturbance to land and land use (including soils and terrain, flora and fauna).</li> <li>Protection of waterways.</li> <li>Avoid site contamination and remediate land areas disturbed by water bore drilling activities, including contaminated land.</li> <li>Optimise (in order of most to least preferable) waste avoidance, reduction, reuse, recycling, treatment and disposal and remove and disposal of regulated waste as soon as practicable to a licensed waste disposal facility or recycling facility.</li> </ul>	<ul style="list-style-type: none"> <li>Land disturbance restricted to approved, scouted area</li> </ul>	Compliant	<ul style="list-style-type: none"> <li>No additional clearing undertaken during reporting period.</li> <li>Approved clearance area of 0.31 ha, with site inspection confirming approximate aerial extent complied with limits.</li> <li>The disturbance area was within the scouted area covered by the land condition assessment and within the AAPA approved area. This was confirmed through site inspections.</li> <li>Management of soils will be undertaken as part of the regulated activities under approved EMP ORI10-3 (refer environmental performance standards S-1 – S-5).</li> </ul>
2		<ul style="list-style-type: none"> <li>Areas left uncontaminated, safe, stable and non-polluting</li> </ul>	Compliant	<ul style="list-style-type: none"> <li>The location of the bore was left stable and non-polluting and has since been subsumed into the existing lease pad as part of ongoing regulated activities under approved EMP ORI10-3.</li> <li>Management, monitoring, maintenance and rehabilitation of the bore will continue under EMP ORI10-3.</li> </ul>
3	<ul style="list-style-type: none"> <li>Minimise impacts to groundwater and maintain surface and groundwater values. Minimise erosion and</li> </ul>	<ul style="list-style-type: none"> <li>No unacceptable risk or long-lasting change to surface</li> </ul>	Compliant	<ul style="list-style-type: none"> <li>No regulated activities were undertaken under this EMP, during the reporting period.</li> </ul>

#	Environmental outcomes	Environmental Performance Standard (EPS)	Compliance	Evidence
	sedimentation of waters as a result of water bore drilling activities.	and/or groundwater resources (quantity and quality).		<ul style="list-style-type: none"> <li>Groundwater monitoring results collected from monitoring bores and submitted to DEPWS 6 monthly. Monitoring bore results confirm the water quality is consistent with the expected Gum Ridge Formation water quality.</li> <li>Water take is submitted to DEPWS via WALAPs at least monthly.</li> <li>Management of surface water and/or groundwater will be undertaken as part of the regulated activities under approved EMP ORI10-3 (refer environmental performance standards SW-1 – SW-4 and GW-1 – GW-6).</li> </ul>
4		<ul style="list-style-type: none"> <li>No release of site stormwater or wastewater exceeding baseline surface water quality</li> </ul>	Compliant	<ul style="list-style-type: none"> <li>Site was stabilised, with erosion and sediment controls enacted, these are primarily earthen berms, use of fallen vegetation to dampen water velocity and natural vegetation of the site. Stormwater retained onsite as the monitoring bore lease is surrounded by topsoil stockpiles minimising stormwater release.</li> <li>No incidents relating to releases of contaminants to surface water recorded under this EMP during the reporting period.</li> <li>No wastewater stored onsite under this EMP.</li> <li>Management of surface water and/or groundwater will be undertaken as part of the regulated activities under approved EMP ORI10-3 (refer environmental performance standards SW-1 – SW-4 and GW-1 – GW-6).</li> </ul>

#	Environmental outcomes	Environmental Performance Standard (EPS)	Compliance	Evidence
5		<ul style="list-style-type: none"> <li>No long-lasting change in soil and surface water quality from base line conditions.</li> </ul>	Compliant	<ul style="list-style-type: none"> <li>The bore location has since been subsumed into the existing lease pad as part of ongoing activities under approved EMP ORI10-3.</li> <li>Management of soils will be undertaken as part of the regulated activities under approved EMP ORI10-3 (refer environmental performance standards S-1 – S-5).</li> </ul>
6		<ul style="list-style-type: none"> <li>Stream and creek crossings disturbance minimised.</li> </ul>	Not applicable	<ul style="list-style-type: none"> <li>No clearing has occurred during the reporting period under this EMP.</li> <li>Management of surface water will be undertaken as part of the regulated activities under approved EMP ORI10-3 (refer environmental performance standards SW-1 – SW-4).</li> </ul>
7	<ul style="list-style-type: none"> <li>Minimise disturbance to flora and fauna.</li> <li>Minimise disturbance to sensitive areas.</li> </ul>	<ul style="list-style-type: none"> <li>Monitoring bore lease located to minimise impacts to fauna habitat and sensitive vegetation.</li> </ul>	Compliant	<ul style="list-style-type: none"> <li>The bore location and operation has since been subsumed into the existing lease pad as part of ongoing activities under approved EMP ORI10-3.</li> <li>Management of fauna habitat and sensitive vegetation will be undertaken as part of the regulated activities under approved EMP ORI10-3 (refer environmental performance standards EC-1 – EC-8).</li> </ul>
8		<ul style="list-style-type: none"> <li>No native fauna impacts (injury or fatality) reported in OCIS during civil and water bore drilling related activities</li> </ul>	Not applicable	<ul style="list-style-type: none"> <li>No civil construction or water bore drilling activities undertaken during the reporting period under this EMP.</li> <li>Management of fauna habitat and sensitive vegetation will be undertaken as part of the regulated activities under approved EMP</li> </ul>

#	Environmental outcomes	Environmental Performance Standard (EPS)	Compliance	Evidence
				ORI10-3 (refer environmental performance standards EC-1 – EC-8).
9		<ul style="list-style-type: none"> <li>Security bond maintained until such time DITT is satisfied remediation of site.</li> </ul>	Compliant	<ul style="list-style-type: none"> <li>Security bond submitted to DITT and approved on 19/11/2018.</li> <li>Tamboran is not seeking reimbursement of this bond.</li> </ul>
10		<ul style="list-style-type: none"> <li>No loss of sensitive vegetation resulting from Tamboran’s activities.</li> </ul>	Not applicable	<ul style="list-style-type: none"> <li>No clearing in waterways has occurred. Disturbance located in approved area subsumed by the existing lease pad.</li> <li>Management of fauna habitat and sensitive vegetation will be undertaken as part of the regulated activities under approved EMP ORI10-3 (refer environmental performance standards EC-1 – EC-8).</li> </ul>
11	<ul style="list-style-type: none"> <li>Avoid the introduction of weeds</li> <li>Avoid the spread of existing weeds</li> </ul>	<ul style="list-style-type: none"> <li>No introduction or spread of declared weeds resulting from Tamboran’s activities.</li> </ul>	Compliant	<ul style="list-style-type: none"> <li>Routine site inspections completed with chemical weed controls implemented.</li> <li>Annual weed report submitted to DEPWS 17 November 2022.</li> <li>Routine weed inspection of EP 98 was completed with DEPWS on 24 May 2023 and 23 October 2023: <ul style="list-style-type: none"> <li>Hyptis (<i>Hyptis suaveolens</i>) was present outside of the lease pad between the first and second gate, and within the pastoral fence to the west of the lease pad. These incursions were chemically controlled on 26 May 2023.</li> <li>Gamba grass (<i>Andropogon gayanus</i>) was recorded near the camp area – 1 plant.</li> </ul> </li> </ul>

#	Environmental outcomes	Environmental Performance Standard (EPS)	Compliance	Evidence
				<p>Chemical control of the plant was completed on 26 May 2023.</p> <ul style="list-style-type: none"> <li>The 2023 annual weed report is currently in prep and will be submitted in due course.</li> <li>Weed management will be undertaken as part of the approved regulated activities under approved EMP ORI10-3 (refer environmental performance standards EC-7 – EC-8).</li> </ul>
12	<ul style="list-style-type: none"> <li>To minimise impacts on soil, surface water, groundwater, sensitive habitat and air quality.</li> </ul>	<ul style="list-style-type: none"> <li>Waste registers maintained for the duration of the project.</li> </ul>	Not applicable	<ul style="list-style-type: none"> <li>No waste generated under this EMP during the reporting period.</li> <li>Management of soils, surface water, groundwater, sensitive habitat and air quality will be undertaken as part of the approved regulated activities under approved EMP ORI10-3 (refer environmental performance standards S-1 – S-5; SW-1 – SW-4; AQ-1 – AQ-5; EC-1 – EC-8).</li> </ul>
13	<ul style="list-style-type: none"> <li>To minimise creation of food sources or habitat for pest species.</li> </ul>	<ul style="list-style-type: none"> <li>Pest species not encouraged to the site.</li> </ul>	Not applicable	<ul style="list-style-type: none"> <li>No regulated activities were performed during the reporting period under this EMP.</li> <li>Protection of habitat from pest species will be undertaken as part of the approved regulated activities under approved EMP ORI10-3 (refer environmental performance standards S-1; EC-6 – EC-8; SW-4).</li> </ul>
14	<ul style="list-style-type: none"> <li>To minimise waste generation through reduce, reuse, recycle programs.</li> </ul>	<ul style="list-style-type: none"> <li>The absence of wastes remaining on site at completion of operations (i.e., general rubbish, waste chemicals,</li> </ul>	Not applicable	<ul style="list-style-type: none"> <li>No regulated activities were performed during the reporting period under this EMP.</li> <li>Protection of habitat from impacts arising from waste management will be undertaken as part of the approved regulated activities</li> </ul>

#	Environmental outcomes	Environmental Performance Standard (EPS)	Compliance	Evidence
		<ul style="list-style-type: none"> <li>workshop wastes including oily rags, containers etc.).</li> <li>Waste registers maintained for the duration of the project.</li> </ul>		<ul style="list-style-type: none"> <li>under approved EMP ORI10-3 (refer environmental performance standards S-1 – S-5; EC-1; S-1 – S-5; SW-1, SW-3).</li> </ul>
15	<ul style="list-style-type: none"> <li>Minimise environmental nuisance due to dust for sensitive receptors resulting from Tamboran’s activities.</li> <li>Minimise greenhouse gas emissions.</li> </ul>	<ul style="list-style-type: none"> <li>Minimal complaints regarding dust/air quality.</li> </ul>	Not applicable	<ul style="list-style-type: none"> <li>No regulated activities were performed during the reporting period under this EMP.</li> </ul>
16		<ul style="list-style-type: none"> <li>Amicable resolution of complaints</li> </ul>	Not applicable	<ul style="list-style-type: none"> <li>No regulated activities were performed during the reporting period under this EMP.</li> </ul>
17	<ul style="list-style-type: none"> <li>Minimise the environmental nuisance for sensitive receivers as a result of civil and water bore activities, including Tourist visual amenity.</li> </ul>	<ul style="list-style-type: none"> <li>Minimal nuisance-related complaints received from sensitive receptors, including landowners</li> </ul>	Not applicable	<ul style="list-style-type: none"> <li>No regulated activities were performed during the reporting period under this EMP.</li> <li>Sensitive receptors will be managed as part of the ongoing activities under the approved EMP ORI10-3 (refer environmental performance standard CO-1).</li> </ul>
18		<ul style="list-style-type: none"> <li>Amicable resolution of complaints.</li> </ul>	Not applicable	
19	<ul style="list-style-type: none"> <li>Minimise the risk of causing bushfires from Tamboran’s activities.</li> <li>To minimise impacts on environmental habitat and fauna, soil erosion, impacts on stakeholders, impacts on culturally significant sites, public infrastructure and community lands.</li> <li>To ensure proper health and safety plan for activities.</li> <li>To prevent accidental fire risk and ensure safe storage of chemicals to prevent fire damage</li> </ul>	<ul style="list-style-type: none"> <li>Successful fire management will be indicated by having no uncontrolled fires occurring as a result of civil works and water bore drilling activities.</li> </ul>	Compliant	<ul style="list-style-type: none"> <li>An annual fire frequency report using the NAFI database was submitted to DEPWS on 27 September 2023.</li> <li>Fire management will be undertaken as part of ongoing activities under approved EMP ORI10-3 (refer environmental performance standard EC-6).</li> </ul>
20	<ul style="list-style-type: none"> <li>To avoid disturbance of or damage to Aboriginal or cultural heritage artefacts or Sacred Sites.</li> <li>To minimise impacts upon or disruption to activities of Indigenous stakeholders in culturally significant areas.</li> </ul>	<ul style="list-style-type: none"> <li>No incidences of disturbance of archaeological sites or sites of cultural significance, or if disturbance is required, an application to disturb is</li> </ul>	Not applicable	<ul style="list-style-type: none"> <li>No regulated activities were performed during the reporting period under this EMP.</li> <li>Management of culturally sensitive sites will be undertaken as part of the ongoing activities under the approved EMP ORI10-3</li> </ul>

#	Environmental outcomes	Environmental Performance Standard (EPS)	Compliance	Evidence
	<ul style="list-style-type: none"> <li>To ensure adequate background information and training is provided to employees and contractors working in culturally significant areas.</li> <li>To ensure that the health and safety of exploration workers and the community is not compromised through management of cultural and environmental awareness.</li> </ul>	submitted and approved prior to disturbance		(refer environmental performance standard CH1 – CH-3).
21	<ul style="list-style-type: none"> <li>Minimise impacts upon environmental values of the local community.</li> <li>Minimise impacts on cultural heritage.</li> <li>Minimise safety risks to the public and other third parties.</li> <li>Maintain and enhance partnerships with the local community, including using local contractors.</li> </ul>	<ul style="list-style-type: none"> <li>No unresolved reasonable complaints. An overall social and economic benefit as compared to perceived adverse impacts as derived from consultations with community advisory groups</li> </ul>	Compliant	<ul style="list-style-type: none"> <li>No complaints received from the traditional owners recorded during the reporting period.</li> <li>Cultural heritage management will be undertaken as part of the ongoing activities under the approved EMP ORI10-3 (refer environmental performance standard CH-1 – CH-3).</li> </ul>
22		<ul style="list-style-type: none"> <li>High level of satisfaction with complaint outcomes and complaint resolution processes.</li> </ul>	Not applicable	<ul style="list-style-type: none"> <li>Cultural heritage management will be undertaken as part of the ongoing activities under the approved EMP ORI10-3 (refer environmental performance standard CH-1 – CH-3).</li> </ul>
23		<ul style="list-style-type: none"> <li>Where suitable, include Aboriginal employment in the proposed program.</li> </ul>	Compliant	<ul style="list-style-type: none"> <li>Aboriginal contractors used for ongoing site inspections and maintenance.</li> <li>Cultural heritage management will be undertaken as part of the ongoing activities under the approved EMP ORI10-3 (refer environmental performance standard CH-1 – CH-3).</li> </ul>

## 2.3 Mandatory reporting requirements

Table 5 demonstrates compliance with reporting requirements in the Code and interest holder’s compliance with reporting requirements under the Regulations, schedule 1, item 11(2) – i.e. that all information to be recorded, monitored or reported has been provided. Where relevant, Tamboran has also confirmed that all records, monitoring or required reporting under the Regulations<sup>2</sup> has been provided to DEPWS or the relevant NTG agency.

**Table 5: Summary of mandatory reporting requirements**

#	Reference	Requirement	Compliance Status	Evidence
1	Code A.3.5	Geospatial information depicting areas cleared is to be provided to the Minister.	Not applicable	<ul style="list-style-type: none"> <li>GIS data of disturbance submitted to DEPWS in accordance with EMP approval.</li> <li>No activities have occurred on the site under this EMP during the reporting period.</li> </ul>
2	Code A.3.6 (b)	Weed management plan developed as part of the EMP must provide for ongoing weed monitoring.	Not applicable	<ul style="list-style-type: none"> <li>Weed management plan developed, with 6 monthly weed monitoring completed, when site access is available.</li> <li>Weed monitoring completed late May 2023 and late October 2023. The 2022 – 23 annual weed survey report is currently in preparation and will be submitted in due course. Overall, the weed management plan has continued to be implemented across all sites in accordance with the relevant conditions of the environmental approvals for the Beetaloo exploration program.</li> <li>A pre wet season site visit on 23 October 2023, indicates that the site remains free of declared weeds.</li> </ul>
3	Code A.3.7(a)vi	The fire management plan developed as part of the EMP must provide for annual fire mapping to monitor changes to fire frequency in the relevant areas.	Not applicable	<ul style="list-style-type: none"> <li>Fire management plan implemented.</li> <li>Annual fire frequency mapping has been provided to DEPWS on 27 September 2023.</li> </ul>
4	Code A.3.9(c) Code A.3.9(e)	The rehabilitation plan developed as part of the EMP requires progressive rehabilitation of significantly	Not applicable	<ul style="list-style-type: none"> <li>Rehabilitation plans were submitted to DEPWS in accordance</li> </ul>

<sup>2</sup> Petroleum (Environment) Regulations 2016 (NT) sch 1, item 11(2).



#	Reference	Requirement	Compliance Status	Evidence
		disturbed land which is required to commence no longer than 12 months following the cessation of activities on the land. It also requires regular maintenance and annual monitoring of rehabilitated areas.		<ul style="list-style-type: none"> <li>with EMP approval.</li> <li>The bore location and operation has since been subsumed into the existing lease pad as part of ongoing activities under approved EMP ORI10-3.</li> </ul>
5	Code B.4.13.2(c)	<p>As a minimum, the following must be recorded and reported for each stage (where a stage in this context means all fluids pumped at a particular depth interval):</p> <ul style="list-style-type: none"> <li>total volume of hydraulic fracturing fluid pumped,</li> <li>quality of water used (tested for analytes in section C.8 of this Code. Analyses do not need to be repeated if the same water source is used for multiple stages) and typical and maximum concentrations of chemicals or other substances used.</li> </ul>	Not applicable	<ul style="list-style-type: none"> <li>No exploration well drilling or hydraulic fracture stimulation activities approved or completed under this EMP.</li> </ul>
6	Code B.4.13.2(k)iv	Where venting is the only technically feasible option for managing produced gas, the technical considerations preventing the use of the recovered gas must be recorded and included in the operator's annual report.	Not applicable	<ul style="list-style-type: none"> <li>No exploration well drilling or hydraulic fracture stimulation activities approved or completed under this EMP.</li> </ul>
7	Code B.4.14.2(c)	All new barriers or new well operating envelopes must be verified and clearly documented and reported by submission of an updated well barrier integrity validation (WBIV) report to DPIR.	Not applicable	<ul style="list-style-type: none"> <li>No exploration well drilling or hydraulic fracture stimulation activities approved or completed under this EMP.</li> </ul>
8	Code B.4.15.2(j)	Complete and accurate records of the entire decommissioning procedure must be kept, with these records submitted as part of the legislative reporting requirements for the decommissioning of petroleum wells.	Not applicable	<ul style="list-style-type: none"> <li>No exploration well drilling or hydraulic fracture stimulation activities approved or completed under this EMP.</li> </ul>

#	Reference	Requirement	Compliance Status	Evidence
9	Code B.4.17.2(d)	Any guidelines published by the Northern Territory Government from time to time relating to reporting and data submission, and groundwater monitoring data standards must be followed.	Compliant	<ul style="list-style-type: none"> <li>All water monitoring bore completion reports have been submitted to DEPWS, including initial water quality data post completion.</li> <li>Groundwater extraction is reported monthly to DEPWS via the WALAPS website.</li> <li>Annual groundwater interpretive report for the Amungee site submitted to DEPWS on 18 August 2023.</li> <li>Quarterly groundwater monitoring is reported under the <i>Beetaloo Sub-basin Multi-well Drilling, Stimulation and Well Testing Program EMP (ORI10-3)</i>.</li> </ul>
10	Code C.3(e)	The components of the wastewater management framework, include: Monitor, manage and report in accordance with the Wastewater Management Plan and Spill Management Plan.	Not applicable	<ul style="list-style-type: none"> <li>No wastewater from exploration well drilling or hydraulic fracture stimulation activities produced.</li> </ul>
11	Code C.6.1(d)	Wastewater tracking documentation must be reported to the Minister at least annually in accordance with the framework provided in the EMP.	Not applicable	<ul style="list-style-type: none"> <li>No wastewater from exploration well drilling or hydraulic fracture stimulation activities produced.</li> </ul>
12	Code C.7.1(d)ii	Wastewater Management Plan must include a program for monitoring and reporting against the effectiveness of the measures for the mitigation of interaction with wildlife, stock and human receptors with wastewater.	Not applicable	<ul style="list-style-type: none"> <li>No wastewater from exploration well drilling or hydraulic fracture stimulation activities produced.</li> </ul>
13	Code D.4.3.2(f)	A written report detailing the levels of methane measured, the duration of the unusual readings and the results of the investigation (including remedial actions) must be submitted within one month of the significantly higher-level methane event being detected.	Not applicable	<ul style="list-style-type: none"> <li>Not applicable to the scope of this EMP.</li> </ul>

#	Reference	Requirement	Compliance Status	Evidence
14	Code D.5.9.2(c)	Emissions from exploration, well construction (including during flowback) and workovers must be measured and reports submitted.	Not applicable	<ul style="list-style-type: none"> <li>No exploration well drilling or hydraulic fracture stimulation activities approved or completed under this EMP.</li> </ul>
15	Code D.5.9.3(a)	Where natural gas is vented or flared at a gas processing or other downstream facility, emissions must be estimated and reported.	Not applicable	<ul style="list-style-type: none"> <li>No exploration well drilling or hydraulic fracture stimulation activities approved or completed under this EMP.</li> </ul>
16	Code D.6.2(a)	Reports of baseline assessments must be submitted at the conclusion of each field campaign.	Not applicable	<ul style="list-style-type: none"> <li>CSIRO completed baseline assessments through DITT.</li> </ul>
17	Code D.6.2(b)	Emissions reporting must be in accordance with Section D.5.6. Emissions associated with venting and flaring as described in Section D.5.9 must be provided separately to the Northern Territory Government in accordance with this Code.	Not applicable	<ul style="list-style-type: none"> <li>No exploration well drilling or hydraulic fracture stimulation activities approved or completed under this EMP.</li> </ul>
18	Regulations Reg 14	A current EMP remains in force until the interest holder notifies the Minister the activity is no longer being carried out and all of the environmental outcomes and obligations under the plan have been met, and the Minister advises the interest holder the notice is accepted and the plan ceases to be in force.	Compliant	<ul style="list-style-type: none"> <li>The EMP was in force until 22 November 2023.</li> <li>A Regulation 14 notice has been submitted to the Minister to close-out the EMP.</li> <li>All activities associated with the monitoring bore RN040894 will be undertaken as part of the ongoing activities under the approved EMP ORI10-3.</li> </ul>
19	Regulations Reg 33	DEPWS is notified of reportable incidents within 2 hours of the interest holder becoming aware of the incident, or within 2 hours of the incident occurring. A written report must be provided within 24 hours if the initial report was made orally.	Not applicable	<ul style="list-style-type: none"> <li>No reportable incidents have been recorded.</li> </ul>
20	Regulations Reg 34	Reports on reportable incidents are to be provided to DEPWS as soon as practicable and within 72 hours of the event occurring.	Not applicable	<ul style="list-style-type: none"> <li>No reportable incidents have been recorded.</li> </ul>

#	Reference	Requirement	Compliance Status	Evidence
		A final report must be provided to DEPWS within 30 days after remediation/clean-up of the affected area.		
21	Regulations Reg 35	A written report of all recordable incidents must be provided to DEPWS not later than 15 days after the 90-day reporting period (unless otherwise agreed).	Compliant	<ul style="list-style-type: none"> <li>Quarterly recordable incidents reports were provided as follows:               <ul style="list-style-type: none"> <li>Q4 2022 report provided 16/01/2023</li> <li>Q1 2023 report provided 13/04/2023</li> <li>Q2 2023 report provided 14/07/2023</li> <li>Q3 2023 report provided 13/10/2023</li> <li>There were no recordable incidents reported under this EMP up to 22 November 2023.</li> </ul> </li> </ul>
22	Regulations Reg 37A	A report about flowback fluid from hydraulic fracturing must be provided to the Minister within 6 months of the flowback occurring.	Not applicable	<ul style="list-style-type: none"> <li>No exploration well drilling or hydraulic fracture stimulation activities approved or completed under this EMP.</li> </ul>
23	Regulations Reg 37B	A report about produced water from hydraulic fracturing must be provided to the Minister within 6 months of the produced water being extracted.	Not applicable	<ul style="list-style-type: none"> <li>No exploration well drilling or hydraulic fracture stimulation activities approved or completed under this EMP.</li> </ul>
24	Regulations Schedule 1, item 9(2)	Interest holders are required to conduct future engagement with stakeholders, in accordance with the description in the EMP.	Compliant	<ul style="list-style-type: none"> <li>Land access agreements are in place covering all current and future activities.</li> <li>Engagement with each stakeholder is undertaken monthly, or at a higher/lower frequency depending on the level of activity being completed onsite.</li> </ul>
25	Regulations Schedule 1, item 12	Interest holder must notify the Minister, occupier of the land and owner of the land on which the activity is to be carried out before commencement of activity.	Not applicable	<ul style="list-style-type: none"> <li>No regulated activities were undertaken under this EMP, during the reporting period.</li> </ul>
26	Environment Protection Act 2019 (NT) div 8	Duty to notify the NT EPA as soon as practicable but within 24 hours of any incident which occurs which	Compliant	<ul style="list-style-type: none"> <li>No incidents which could cause or threaten to cause material or significant environmental harm occurred during reporting period.</li> </ul>

#	Reference	Requirement	Compliance Status	Evidence
		causes or threatens to cause material or significant environmental harm.		
27	Waste Management and Pollution Control Act 1998 (NT) s 14	Duty to notify the NT EPA as soon as practicable but within 24 hours of any incident which occurs which causes or threatens to cause pollution resulting in material or significant environmental harm.	Compliant	<ul style="list-style-type: none"> <li>No incidents which could cause or threaten to cause material or significant environmental harm occurred during reporting period.</li> </ul>

### 3. SUMMARY OF COMPLIANCE

#### 3.1 Overview of compliance

Table 6 provides a summary of the results of the compliance assessment against the EMP.

**Table 6: Beetaloo Basin Groundwater Monitoring Bore Installation Program EMP EP 98 compliance summary**

Compliance Indicator	Number	Percentage
Compliant	19	100%
Not compliant	0	0%
Not applicable*	33	NA

Indicators identified as “not applicable” are excluded from the compliance percentages

#### 3.2 Overview of items found not compliant

The following sections describe:

- the specific compliance requirements not met for the reporting period
- an analysis of the possible potential environmental harm or impact to environmental values resulting from non-compliance, using multiple lines of evidence
- a summary of the corrective actions already implemented, and further actions still required, as applicable, to ensure compliance is fully achieved in the future.

##### 3.2.1 Ministerial approval conditions

###### 3.2.1.1 Description

No non-compliance with Ministerial conditions were observed during the reporting period.

##### 3.2.2 Environmental performance standards

###### 3.2.2.1 Description

No non-compliance with an environmental performance standard was recorded during the reporting period.

##### 3.2.3 Regulatory reporting

###### 3.2.3.1 Description

No non-compliance with regulatory reporting requirements were recorded during the period.

### 3.3 Application of Lessons Learned Across Tamboran’s Onshore Interests

Due to the limited nature of activities under this EMP, no lessons learnt have arisen.