EMP title	WELL DRILLING, HYDRAULIC FRACTURE STIMULATION AND WELL TESTING PROGRAM ENVIRONMENT MANAGEMENT PLAN EP 136 (SWP4-3)
Unique EMP ID	SWP4-3
EMP approval date	11 August 2022
AEPR period	10 August 2023 – 11 August 2024
Petroleum title number/s	EP 136

The information to be included in this template may be used by the Minister for Environment, Climate Change and Water Security to assess whether an interest holder is meeting the environmental outcomes, environmental performance standards and obligations and commitments made in an approved Environment Management Plan (EMP).

This form must be completed in accordance with the instruction and guidance provided in the Onshore Petroleum Annual Environmental Performance Reporting Guideline available on the <u>Onshore Gas website</u>.

Document title	Annual Environmental Performance Report
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Version Control (to be completed by interest holder)

Date	Rev	Reason for Amendment	Author	Checked	Approved
11/11/2024	0	Issued for approval	A Court	L Pugh	M Kernke

Declaration

A person with legal authority to sign on behalf of the interest holder, or all interest holders (if more than one), must sign the declaration.

I hereby declare that I:

- am authorised to make this declaration.
- confirm that, to the best of my knowledge all information provided addresses the relevant matters and is true, correct, complete, and does not contain misleading information.
- am aware that it is an offence under section 107 of the *Petroleum Act* 1984 to give an authorised person information that I know, or ought to reasonably know, to be false or misleading in a material manner particular.
- understand that all information supplied as part of this form, including attachments, may be disclosed publicly in accordance with section 62A of the *Petroleum Act 1984*, and consistent with the requirements of the Information Privacy Principles (IPPs) in the *Information Act 2002*.

Signature	
Name of person signing on behalf of interest holder/s	Matt Kernke
Position	Vice President Environment and Permit Approvals
Company	Sweetpea Petroleum Pty Ltd ABN 42 074 570 879 (a wholly owned subsidiary of Tamboran Resources Ltd, ABN 28 135 299 062)
Address	C/- Tower One, International Towers Suite 1, Level 39 100 Barangaroo Avenue Barangaroo NSW 2000

Acronyms / Terms	Definition
AEPR	Annual Environmental Performance Report
Code	Code of Practice: Onshore Petroleum Activities in the Northern Territory
DEPWS	Department of Environment, Parks and Water Security (NT)
DITT	Department of Industry, Tourism and Trade (NT)
EMP	Environment Management Plan
EP	Exploration Permit
Interest Holder	Means a person who holds a petroleum interest for a regulated activity.
Minister	Minister for Environment, Climate Change and Water Security
NT	Northern Territory
Operator	Means a person designated as operator under section 16(3)(g) of the <i>Petroleum Act</i> 1984
Regulations	Petroleum (Environment) Regulations 2016 (NT)

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1. Introduction

The Petroleum (Environment) Regulations 2016 (NT) (the Regulations) require an interest holder to provide a report to the Minister for Environment, Climate Change and Water Security (the Minister) on no less than an annual basis that outlines the environmental performance of the interest holder.¹ The report, termed the Annual Environmental 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) with reference to information required to be recorded, monitored or reported under the Regulations and any other law in force in the NT related to the conduct of the regulated activity.

Approved Environment Management Plan Details			
EMP title		Well Drilling, Hydraulic Fracture Stimulation and Well Testing Environment Management Plan EP 136 (SWP4-3)	
Unique EM	1P ID	SWP4-3	
EMP appro	oval date	11 August 2022	
AEPR perio	od	10 August 2023 – 11 August 2024	
Petroleum	title number/s	EP 136	
Regulation	22 Notices (insert mo	ore rows if needed)	
Date Ackn	nowledged N/A		
Regulation	23 Notices (insert mo	pre rows if needed)	
Date Ackn	nowledged N/A		
Location o	f Regulated Activity		
\boxtimes	Figure attached showing location of regulated activity (Figure 1)		
-	activities conducted of ws as required)	during the reporting period (list regulated activities conducted, add or	
1	 Maverick T436 A1-1 well site (Maverick 1): Management of drilling wastewater The use of the control monitoring bore (CMB) RN042730, including groundwater monitoring Routine and ongoing maintenance of infrastructure Any other minor works ancillary to the above-mentioned works. 		
	Gantt chart attached showing the period each regulated activity listed above was conducted (Figure 2)		

¹ Petroleum (Environment) Regulations 2016 (NT) sch 1, item 11.

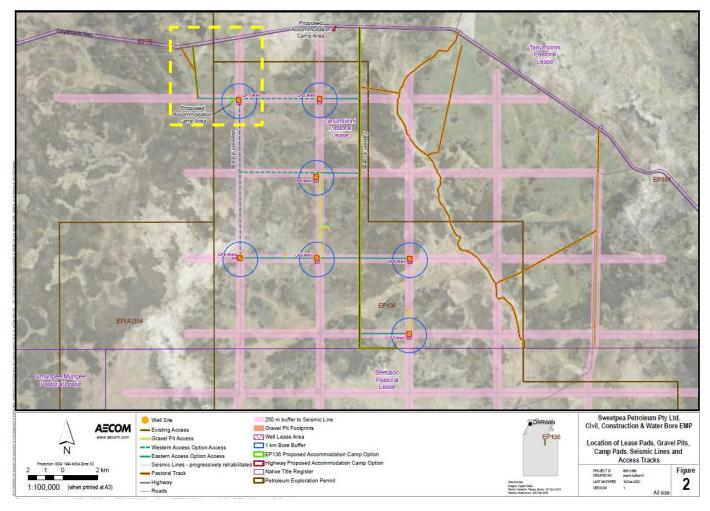


Figure 1 EP136 DST EMP site locations – Maverick 1 activity area - 10 August 2023 – 11 August 2024

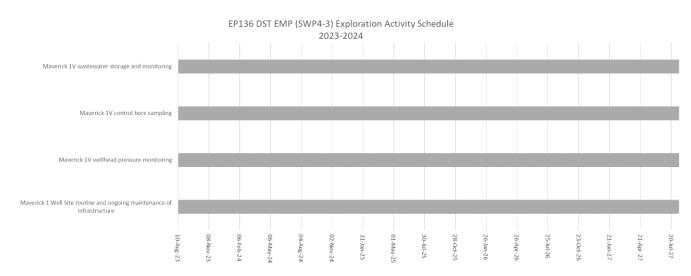


Figure 2 Exploration activities completed during the reporting period - Maverick 1 well site

1.1. Sources of information to inform performance

Information evaluated to inform compliance status (check applicable sources)			
\boxtimes	Compliance with Ministerial approval conditions		
	Compliance with each environmental outcome and environmental performance standard within the approved EMP		
\boxtimes	Compliance with reporting requirements in accordance with the Code and Regulations		
	Recordable and reportable incidents within the reporting period, including root cause analysis and related corrective actions to prevent re-occurrence		
\boxtimes	Findings of regulatory inspections and audits within the reporting period and related actions to address any findings		
Other			

1.2. Performance indicators

Table 1 shows the performance status indicators used in this AEPR.

Table 1: Performance descriptors

Performance Status	Description
Compliant	Compliant with requirement for entire 12 month reporting period
Not Compliant	Interest holder did not comply with the requirement fully or at all during the reporting period
Not Applicable	Requirement not applicable during the reporting period

1.3. Evidence used to assess performance

Please indicate which sources of evidence have been used to demonstrate compliance.

Evidence used to inform compliance status (check applicable evidence)			
\boxtimes	Interest holder self-assessments of compliance, through daily and weekly inspections, as committed to in the EMP		
	Interest holder self-assessments of compliance, through internal audits, as committed to in the EMP		
	Interest holder self-assessments of compliance, through external audits conducted by third parties		
\boxtimes	Outcomes of inspections and/or audits conducted by the regulator		
\boxtimes	Spill register entries		
	Monitoring or other reports provided to DEPWS, the Department of Industry, Tourism and Trade (DITT) and other government agencies as required by the EMP		
\boxtimes	Outcomes of monitoring programs		
\boxtimes	Measurement criteria identified in the approved EMP		
Other	Recordable and reportable incident reports submitted to DEPWS Petroleum Operations.		

2. Demonstration of performance

Table 2 demonstrates interest holder compliance with Ministerial EMP approval conditions.

Table 2: Compliance with Ministerial approval conditions

No	Ministerial Condition	Compliant	Evidence
1.	 Condition 1. The interest holder must submit to the Department of Environment, Parks and Water Security (DEPWS), via <u>Onshoregas.DEPWS@nt.gov.au</u> the following: i. Notification of the commencement of hydraulic fracturing activities prior to commencement. 	□ Yes □ No ⊠ N/A	The Maverick T436 A1-1 well on Maverick 1 well site has not undergone hydraulic fracturing.
2.	 Condition 1ii. An updated timetable for the regulated activity that is to be provided on the last day of each quarter (being 31 March, 30 June, 30 September and 31 December each year), that identifies activities completed in the current quarter; Regulated activities planned for the next quarter, including duration; Activities based on commitments in the EMP relevant to the stage of the activity planned for the next quarter, including duration; Due dates for satisfaction of Ministerial approval conditions in the next quarter; and Due dates for regulatory reporting in the next quarter. 	⊠ Yes □ No □ N/A	Monthly reports were provided to DEPWS on the following dates: 24 August 2023 22 September 2023 30 October 2023 23 November 2023 22 December 2023 30 January 2024 28 February 2024 28 March 2024 29 April 2024 31 May 2024 20 June 2024 31 July 2024 31 August 2024 Quarterly reports were provided to DEPWS on the following dates: Q3-2023 - 13 Oct 2023 Q4-2023 - 15 Dec 2024 Q1-2024 - 24 Apr 2024

No	Ministerial Condition	Compliant	Evidence
			 Q2-2024 - 15 Jul 2024 Q3-2024 - 15 Oct 2024
3.	 Condition 1iii. During drilling, daily on-site reports to be consolidated and provided weekly, indicating: status and progress of drilling at each location freeboard available in drill cutting pits (in cm); and the outcome of general site inspections relevant to drilling and waste, and corrective actions taken. 	□ Yes □ No ⊠ N/A	No drilling has occurred at the well site in this reporting period. Weekly fluids management reporting to DEPWS is ongoing across all its permits. Routine site inspections completed over the course of the reporting period with records maintained on Tamboran's risk and compliance system (TRACS).
4.	 Condition 1iv. During hydraulic fracturing and flowback, weekly reports indicating: Status and progress of hydraulic fracturing; Weekly measurements of stored volume (in ML) and freeboard (cm) of wastewater storage tanks, unless operated in the wet season, during which it must be measured daily; and The outcome of general site inspections relevant to hydraulic fracturing and waste and corrective actions taken. 	□ Yes □ No ⊠ N/A	The Maverick T436 A1-1 well on Maverick 1 well site has not undergone hydraulic fracturing.
5.	 Condition 1v. During the wet season, weekly reports indicating: The outcome of daily inspections of any secondary containment in use, and corrective actions taken; Any halt to the regulated activity due to wet season conditions; and Daily measurements of freeboard available in drill cutting pits and wastewater treatment tanks (in cm) whenever operational. 	⊠ Yes □ No □ N/A	 Refer reporting activities listed under Ministerial conditions 1i – 1iv. Weekly fluids management reporting is ongoing.

No	Ministerial Condition	Compliant	Evidence
6.	Condition 1vi. For avoidance of doubt, if wastewater is present in tanks or drill cutting pits contain waste drill fluids and cuttings, these are considered to be operational. Reports must continue to be provided as per parts iii, iv and v above, irrespective of whether there is manned activity occurring on site if the wastewater infrastructure is operational.	⊠ Yes □ No □ N/A	 Refer reporting activities listed under Ministerial conditions 1i – 1iv. Weekly fluids management reporting is ongoing.
7.	Condition 1vii. In the event that multiple regulated activities under the EMP are being conducted concurrently, the weekly submission of consolidated daily reports may be further consolidated to a single submission, but must clearly identify the locations and activities to which the information pertains, in relation to each item listed in conditions iii to vi above, inclusive.	□ Yes □ No ⊠ N/A	Activities were only undertaken on Maverick 1 well site during this reporting period. EP136 Well Pads 2 – 7 were not constructed during the reporting period.
8.	 Condition 2. The interest holder must provide an annual report to DEPWS, via <u>Onshoregas.DEPWS@nt.gov.au</u>, on its environmental performance, in accordance with item 11(1)(b) in schedule 1 of the Regulation, noting: The first report must cover the 12-month period from the date of the approval, and be provided within 3 calendar months of the end of the reporting period. Each report must align with the template and Guideline prepared by DEPWS for this purpose and be provided each year until such time a notification is made to the Minister under regulation 14 that the activity is complete, or until the EMP is revised and re-approved. 	⊠ Yes □ No □ N/A	The interest holder has prepared this AEPR for the reporting period 12 August 2022 – 11 August 2023, inclusive.
9.	Condition 3. In support of clause D.6.2 of the Code of Practice: Onshore Petroleum Activities in the Northern Territory, an emissions report must be provided to DEPWS	⊠ Yes □ No	The annual emissions report was submitted to DEPWS on 30 September 2024.

No	Ministerial Condition	Compliant	Evidence
	 by 30 September each year, via Onshoregas.DEPWS@nt.gov.au, which: i. documents actual annual greenhouse gas emissions from conduct of the regulated activity estimated and reported under the Commonwealth National Greenhouse and Energy Reporting Act 2007 (NGER Act) versus predicted emissions in the EMP; ii. demonstrates the actual emissions have been verified by an auditor registered under the Register of Greenhouse and Energy Auditors established under section 75A of the NGER Act; iii. includes a summary of all regulated activities conducted which have contributed to greenhouse gas emissions during the reporting period; and iv. accounts for differences between actual and predicted emissions with reference to all parts of the regulated activity with potential to create greenhouse gas emissions. 	□ N/A	
10.	 Condition 4. The interest holder must: i. comply with its Greenhouse Gas Abatement Plan prepared by The interest holder Petroleum Pty Ltd, dated 4 August 2022 as updated annually in accordance with condition (ii) below; ii. by 30 September each year, provide an updated Greenhouse Gas Abatement Plan to <u>Onshoregas.DEPWS@nt.gov.au</u>, which meets the Greenhouse Gas Abatement Plan content requirements of the Greenhouse Gas Emissions Management for New 	⊠ Yes □ No □ N/A	The annual emissions report was submitted to DEPWS on 30 September 2024 providing. No change to the Sweetpea GGAP was required.

No	Ministerial Condition	Compliant	Evidence
	and Expanding Large Emitters Policy version 1.1 dated 1 September 2021 and demonstrates: a) the actual scope 1 and scope 2 greenhouse gas		
	emissions produced, compared to the predicted scope 1 and scope 2 greenhouse gas emissions in the EMP		
	 b) the proposed method/s of offsetting residual cumulative scope 1 and scope 2 greenhouse gas emissions across all active EMPs for the preceding financial year; 		
	 c) any changes to predicted future cumulative scope 1 and scope 2 greenhouse gas emissions across all active EMPs; and 		
	 annual progress towards achieving net zero emissions by 2050; and 		
	iii. by 30 November each year, provide evidence of offsets obtained during the previous financial year to <u>onshore.DEPWS@nt.gov.au</u> .		
11.		🛛 Yes	During this reporting period no spills were reported on Maverick 1 well site.
	accidental releases of liquid contaminant or hazardous chemical must be immediately recorded in a site spill	🗆 No	wen site.
	register. The spill register and geospatial files specifying	□ N/A	Quarterly reportable reports were provided to DEPWS on the
	the location of the spill must be submitted to DEPWS via Onshoregas.DEPWS@nt.gov.au three months after the 12		following dates: • Q3-2023 - 13 Oct 2023
	month anniversary of the approval of the EMP each year		• Q4-2023 - 15 Dec 2024
	while the EMP is in force. The register must include:		 Q1-2024 - 24 Apr 2024 Q2-2024 - 15 Jul 2024
	i. the location, source and volume of the spill or leak;		• Q3-2024 - 15 Jul 2024 • Q3-2024 - 15 Oct 2024.
	ii. the volume of impacted soil removed for appropriate disposal and the depth of any associated excavation;		Refer to Attachment A which presents the spill register with NIL
			reported.

No	Ministerial Condition	Compliant	Evidence
	 iii. The corrective actions taken or proposed to be taken to prevent recurrence of an incident of a similar nature; and iv. GPS co-ordinates of the location of the spill. 		Records maintained on TRACs.
12.	 Condition 6: In support of clause B.4.17.2 of the Code, the interest holder must: Undertake quarterly groundwater monitoring at each control and impact monitoring bore for a minimum of three years after establishment, unless otherwise advised by DEPWS. provide to 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 to be determined by DEPWS. Provide to DEPWS, via Onshoregas.DEPWS@nt.gov.au, an interpretive report of groundwater quality based on the groundwater monitoring required to be conducted at the well site(s) in accordance with Table 6 of the Code. The interpretive report must be provided annually within 3 months of the anniversary of the approval date of the EMP and include: identification of any change to groundwater quality or level attributable to conduct of the regulated activity at the well site(s) and discussion of the significance and cause of any such observed change 	⊠ Yes □ No □ N/A	 Maverick 1 groundwater bore (RN042730) has undergone quarterly groundwater monitoring as follows: Groundwater was sampled from Maverick 1 CMB on 16 October 2023, 9 February 2024, 27 April 2024 and 2 September 2024. Quarterly groundwater monitoring results for Maverick 1 CMB were provided to DEPWS as part of the full compilation of water quality monitoring results across Tamboran's sites. No wells were drilled or stimulated on Maverick 1 during this reporting period. Groundwater sampling is considered baseline. The annual interpretive report indicates there were no reductions in groundwater quality or level attributable to the regulated activities undertaken under this EMP during the reporting period. Annual Groundwater Interpretive Report submitted on 11 November 2024.

No	Ministerial Condition	Compliant	Evidence
	 b) interpretation of any statistical outliers observed from baseline measured values for each of the analytes c) discussion of any trends observed d) a summary of the results including descriptive 		
	 statistics e) description of the layout of the groundwater monitoring bores and wells, indicative groundwater flow directions and levels in accordance with the Preliminary Guideline Groundwater Monitoring Bores for Exploration Petroleum Wells in the Beetaloo Sub-basin. iv. Develop site-specific performance standards for groundwater quality and interquartile ranges for analytes at each of the impact monitoring bores established, based on the first 3 years of groundwater monitoring, and provide to DEPWS, via <u>Onshoregas.DEPWS@nt.gov.au</u> within 6 months of the 3-year anniversary of approval of the EMP. 		
13.	Condition 7. In support of clause 16 of the Water Act 1992 (NT) and clause 8.4.2 of the Code, the interest holder must undertake groundwater level / pressure monitoring at each impact monitoring bore established, using a logger to record water level for 2 weeks prior to, during, and 4 weeks after completion of hydraulic fracturing operations at each well pad. Data logging should record at a minimum of every 4 minutes for the duration of the recording period. The logging data should be provided to DEPWS via <u>Onshoregas.DEPWS@nt.gov.au</u> within 2 weeks of	□ Yes □ No ⊠ N/A	The Maverick T436 A1-1 well has not undergone HFS.

No	Ministerial Condition	Compliant	Evidence
	completion of groundwater level monitoring in each impact monitoring bore.		
14.	 Condition 8. Within 30 days of each occasion a groundwater bore is installed under this plan, the interest holder must send to Onshoregas.DEPWS@nt.gov.au: the registered number (RN) of the groundwater bore; the name of the associated groundwater aquifer in which the bore is located and from which groundwater will be extracted or monitored; whether the purpose of the groundwater bore is for control monitoring, impact monitoring or water supply; whether the bore is proposed to be included on a groundwater extraction licence and the proposed total volume (ML) to be extracted per annum; and the GPS coordinates of the groundwater bore. 	□ Yes □ No ⊠ N/A	N/A. No groundwater bores were drilled under this EMP during the reporting period.
15.	Condition 9. The interest holder must provide to DEPWS within 6 weeks of completion of well flowback operations at each new exploration well established under the EMP a report on the risk assessment of flowback wastewater from the hydraulic fracturing phase, via Onshoregas.DEPWS@nt.gov.au. The risk assessment must be: i. prepared by a suitably qualified person ii. prepared in accordance with the monitoring wastewater analytes specified in section C.8 of the Code.	□ Yes □ No ⊠ N/A	The Maverick T436 A1-1 well has not undergone hydraulic fracturing.

Table 3 provides a systematic overview of interest holder performance against the environmental outcomes and environmental performance standards within the approved EMP.

Table 3: Compliance with environmental outcomes and environmental performance standards

No	Environmental Outcome	Environmental Performance Standard	Compliant	Evidence
GROUND	WATER MANAGEMENT			
1.	 Protect the quality and quantity of groundwater so that environmental values including ecological health, land uses, and the welfare and amenity of people and animals (i.e. stock and wildlife) are maintained. Protect Groundwater Dependent Ecosystems (i.e. Stygofauna). Detects changes in groundwater as a result of drilling and stimulation activities. 	SWP7.2-1 Regional aquifers isolated. SWP7.2-2 No long-term (>12 month) reduction in quality of an impact groundwater monitoring bore that is attributable to Sweetpea's activities. SWP7.2-3 No long term (>12 month) reduction in groundwater level observed in the impact monitoring bore that results in >1 m decline in groundwater water level. SWP7.2-4 Secondary liner of wastewater tanks remains intact	⊠ Yes □ No □ N/A	 Baseline data collection is ongoing, with no stimulation of the Maverick T436 A1-1 well. Groundwater data was provided to DEPWS on the following dates: Q3 2023 - 29 September 2023. Additional data were provided to DEPWS on 6 October 2023. Q4 2023 - 15 December 2024 Q1 2024 - 21 March 2024 Q2 2024 - 14 August 2024 Q3 2024 - 31 October 2024 No long-term reductions in groundwater quality or level attributable to the regulated activities undertaken under this EMP during the reporting period as indicated in the Annual Groundwater Interpretative Report submitted on 11 November 2024.

No	Environmental Outcome	Environmental Performance Standard	Compliant	Evidence
				3. Weekly fluids reporting for Maverick 1 well pad indicate that the liner on the wastewater tank remains intact.
LAND AND	SURFACE WATER MANAGEMEN	T		
2.	• No significant long-term impacts to the ecological function and productivity of soils at the exploration lease pads, gravel pits and	SWP7.3-1 The planned disturbance footprint are within the parameters established for the exploration lease pads, gravel pits and associated access tracks (refer to Table 3).	⊠ Yes □ No □ N/A	 Surveying of all disturbance completed. Spatial data confirming land clearing of the Maverick-1 well site was provided to DEPWS on 6 Jan 2023.
	 accommodation as result of The interest holder's exploration activities. Meet AAPA conditions as relates to Newcastle Creek Crossing at RWA2. 	SWP7.3-2 Erosion and sediment controls in place and working as designed.	⊠ Yes □ No □ N/A	• All ESCP were in place for the duration of the reporting period and working as designed.
		SWP7.3-3 No releases of contaminants chemicals, hydrocarbon, drilling wastewater or flowback wastewater) outside the interest holder's exploration areas.	⊠ Yes □ No □ N/A	 No recordable or reportable incidents relating to the release of any contaminants outside of the interest holder's exploration areas were recorded during the reporting period.
		SWP7.3-4 No reportable spill as result of wastewater tank/sump overtopping or tank failure.	⊠ Yes □ No □ N/A	 No incidents of wastewater tank / sump overtopping, or tank failure recorded.
		SWP7.3-5 No permanent damage to Newcastle Creek Crossing.	⊠ Yes □ No □ N/A	• There has been no reportable incidents that have resulted in permanent damage to Newcastle creek crossing

No	Environmental Outcome	Environmental Performance Standard	Compliant	Evidence
				were recorded in Tamboran's TRAC system during the reporting period.
		SWP7.3-6 Following conduct of the regulated activity, land not required for operational activities will progressively be returned to pre- disturbance conditions.	□ Yes □ No ⊠ N/A	 No rehabilitation activities were planned for this reporting period as the site is considered still active.
WEED MA	NAGEMENT			
3.	 No introduction of new or spread of existing Weeds of National Environmental Significance (WoNS) or weeds listed under NT legislation or locally significant weed species. 	SWP7.4-1 No introduction of new or spread of existing Weeds of National Environmental Significance, weeds listed under NT legislation or locally significant weed species.	⊠ Yes □ No □ N/A	 No recordable or reportable incidents were recorded during this activity that resulted in the introduction or spread of declared weeds within EP 136. Six-monthly weed inspections completed on all activity areas including camp area, access tracks and Maverick-1 lease pad. Weed survey was completed on 21 May 2024. A small population of annual mission grass was recorded (not declared) and was treated. A pre-wet season survey is scheduled for end of November 2024, after the first rain to survey for juvenile plants and apply immediate treatments. The survey will be undertaken with the DLPE Onshore Petroleum Weed Management Officer.

No	Environmental Outcome	Environmental Performance Standard	Compliant	Evidence
				 Weed declarations were provided for all vehicles, equipment and machinery moving to EP 136. Personnel inductions include specific requirements around weed hygiene.
BUSHFIRE	MANAGEMENT			
4.	• Bushfires are not started as a result of conduct of the regulated activity and exploration lease pads are protected from fires started outside of the work area.	SWP7.5-1 No uncontrolled fires occurring as a result of civil construction and water bore activities.	⊠ Yes □ No □ N/A	 No uncontrolled fires occurred or were reported during the reporting period. Annual fire frequency report submitted to DEPWS on 09 September 2024. According to the NAFI website, no fires were recorded in the vicinity of EP 136 between 2023 – 2024.
Waste and	wastewater management	·		
5.	• No long-term adverse impacts on soil, surface water, groundwater, sensitive habitats and air quality as result of Sweetpea's waste generation.	SWP7.6-1 Designated wastewater storage and handling delivered in accordance with this plan.	⊠ Yes □ No □ N/A	 Wastewater storage and handling were delivered in accordance with Sweetpea's EMP.
		SWP7.6-2 Freeboard in open-topped tanks and sump maintained.	ed ⊠ Yes □ No □ N/A	
		SWP7.6-3 No instance of loss of containment of wastewater.	⊠ Yes □ No □ N/A	• No recordable or reportable incidents related to loss of containment of wastewater were recorded in TRACS during the reporting period.

No	Environmental Outcome	Environmental Performance Standard	Compliant	Evidence
		SWP7.6-4 No release of wastewater (drilling fluids and flowback) off lease pad into surrounding vegetation.	⊠ Yes □ No □ N/A	• No recordable or reportable incidents related to the release of wastewater off the well pad were recorded in TRACS during the reporting period.
		SWP7.6-5 No overtopping of pits, flowback water or produced water tanks due to significant rainfall event.	⊠ Yes □ No □ N/A	 No recordable or reportable incidents related to overtopping of pits, flowback water or produced water tanks were recorded in TRACS during the reporting period.
		SWP7.6-6 >7 individual fauna deaths per week for 2 consecutive weeks caused by flowback water storage.	⊠ Yes □ No □ N/A	• No recordable or reportable incidents related to fauna deaths caused by flowback water storage were recorded in TRACS during the reporting period.
		SWP7.6-7 Irrigation of treated effluent does not adversely impact soil, surface water, groundwater, sensitive habitats and air quality.	□ Yes □ No ⊠ N/A	 No activities during this reporting period required the treatment of effluent. Records maintained in TRACS during the reporting period.
		SWP7.6-8 No releases of contaminants (wastes, chemicals or hydrocarbons) resulting in long-term contamination of the soil, surface water, groundwater, sensitive habitats and air quality.	⊠ Yes □ No □ N/A	 No incidents that have resulted in long term contamination of soil, surface water, groundwater, sensitive habitats and air quality recorded. Records maintained in TRACS during the reporting period.
NOISE, VIBR	RATION AND LIGHTING EMISS	IONS		
6.	Manage activities in accordance with	SWP7.7-1 No significant impact to rural acoustic, lighting, vibration and	□ Yes	• No DST activities have occurred during this reporting period.

No	Environmental Outcome	Environmental Performance Standard	Compliant	Evidence
	occupational health and safety guidelines for noise, vibration and light exposure and minimise nuisance noise and vibration impact on surrounding communities, including fauna and stock.	visual amenity environment as a result of the DST program.	□ No ⊠ N/A	
AIR QUALI	TY AND EMISSIONS			
7.	 Minimise environmental nuisance at sensitive receptors. Minimise greenhouse gas emissions. 	SWP7.8-1 No significant impact to air quality at sensitive receptors as a result of the DST program.	⊠ Yes □ No □ N/A	 No nuisance-related complaints were received during the regulated activity. Records maintained in TRACS during the reporting period.
		SWP7.8-2 Greenhouse gas emissions are minimised during the DST program.	⊠ Yes □ No □ N/A	The annual emissions report was submitted to DEPWS on 30 September 2024.
		SWP7.8-3 Venting to be eliminated as far as reasonably practicable.	□ Yes □ No ⊠ N/A	• No stimulation activities were completed during this reporting period.
		SWP7.8-4 Leaks to be detected and repaired in accordance with the Code.	⊠ Yes □ No □ N/A	 No wellhead leaks were detected during the reporting period. Records maintained in TRACS during the reporting period.

No	Environmental Outcome	Environmental Performance Standard	Compliant	Evidence
8.	• No significant impact to threatened fauna, their habitat and sites of conservation significance during the DST program.	SWP7.9-1 Injury to fauna and stock during the conduct of the activity will be minimised.	⊠ Yes □ No □ N/A	 No recordable or reportable incidents were recorded during this activity that indicated injury to fauna or livestock. Records maintained in TRACS during the reporting period.
		SWP7.9-2 All pest and feral animal records will be maintained.	⊠ Yes □ No □ N/A	 No recordable or reportable incidents were recorded during this activity that indicated the introduction of pest species. Records maintained in TRACS during the reporting period.
SOCIAL EN	VIRONMENT AND ACCESS MAN	AGEMENT		
9.	 No significant adverse impacts to community as a result of conduct of the regulated activity. 	SWP7.10-1 No complaints from identified stakeholders during conduct of the regulated activity.	⊠ Yes □ No □ N/A	 No recordable or reportable incidents related to injury to fauna or livestock during this reporting period. Records maintained in TRACS during the reporting period.
		SWP7.10-2 No complaints from the wider community in regard to traffic management during conduct of the regulated activity.	⊠ Yes □ No □ N/A	 No complaints received pertaining to traffic, visual amenity, noise or nuisance under this EMP. Records maintained in TRACS during the reporting period.
		SWP7.10-3 All contractors informed of regulatory obligations in relation to	⊠ Yes □ No	• Contractor obligations included in inductions and contracts as relevant.

No	Environmental Outcome	Environmental Performance Standard	Compliant	Evidence
		the regulated activity in tendering information.	□ N/A	
		SWP7.10-4 No complaints from the wider community in regard to visual amenity, noise or nuisance during conduct of the regulated activity.	□ Yes □ No ⊠ N/A	 No complaints received during reporting period Records maintained in TRACS during reporting period.
CULTURA	L HERITAGE AND SACRED SITE M	ANAGEMENT		
10.	 No significant impact to Indigenous and non- Indigenous artefacts, Aboriginal Sacred Sites, and non-Indigenous heritage sites. Protection of culture. 	SWP7.11-1 No unauthorised activities within or access to a Restricted Work Area or Sacred Site.	⊠ Yes □ No □ N/A	• No non-compliance with restricted work areas, sacred sites AAPA certificate conditions or impacts to known archaeological sites were
		SWP7.11-2 No unapproved impact to known archaeological sites.	⊠ Yes □ No □ N/A	 recorded. Records maintained in TRACS during the reporting period.

Table 4 demonstrates interest holder compliance with reporting requirements in the *Code of Practice: Onshore Petroleum Activities in the Northern Territory* (Code) and interest holder's compliance with reporting and monitoring requirements under the Petroleum (Environment) Regulations 2016 (NT) schedule 1, item 11(2), which requires the EMP to include all information required to be recorded, monitored or reported. Where relevant, Table 4 confirms that all records, monitoring or required reporting under the Petroleum (Environment) Regulations 2016 (NT),² or under a commitment made in the EMP, has been provided to DEPWS or the relevant NTG agency.

 Table 4: Compliance with mandatory monitoring and reporting requirements

No	Reference	Requirement	Compliant	Evidence
1.	Code cl A.3.5	Geospatial information depicting areas cleared is to be provided to the Minister.	⊠ Yes □ No □ N/A	 Geospatial data provided to DEPWS 6 January 2023. On 09 August 2024, DLPE requested clarification on clearing limits for gravel pit 1. Tamboran confirmed within clearing limits.
2.	Code cl A.3.6 (b)	Weed management plan developed as part of the EMP must provide for ongoing weed monitoring.	⊠ Yes □ No □ N/A	 Weed management plan developed, with 6 monthly weed monitoring completed, when site access became available. 2023-24 annual weed survey report to be submitted in November 2024. Overall, the weed management plan has continued to be implemented across all the site in accordance with the relevant conditions of the environmental approvals for the Beetaloo exploration program. A post wet season site visit in May 2024, indicated that the sites remains free of declared weeds. Weed declarations were provided for all vehicles, equipment and machinery moving to EP 136.

² Petroleum (Environment) Regulations 2016 (NT) sch 1, item 11(2).

No	Reference	Requirement	Compliant	Evidence
				 Personnel inductions include specific requirements around weed hygiene.
3.	Code cl A.3.7(a)vi	The fire management plan must provide for annual fire mapping.	⊠ Yes □ No □ N/A	 Fire management plan implemented. No uncontrolled fires occurred or were reported during the reporting period near Maverick 1 well site. Annual fire frequency report submitted to DEPWS on 09 September 2024. According to the NAFI website no fires in vicinity to EP136 between 2023 and 2024 (Attachment B).
4.	Code cl A.3.9(c) Code cl A.3.9(e)	The rehabilitation plan requires progressive rehabilitation of significantly 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.	□ Yes □ No ⊠ N/A	 A rehabilitation plan was submitted to DEPWS in accordance with EMP approval. No rehabilitation activities have occurred on the sites during the reporting period. The Maverick-1 site remains in care and maintenance pending further exploration activities. As such the auditable success criteria have not changed from those provided in the approved EMP.
5.	Code cl B.4.13.2(c)	 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): a) total volume of hydraulic fracturing fluid pumped, b) 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 	□ Yes □ No ⊠ N/A	The Maverick T436 A1-1 well has not undergone hydraulic fracturing.

No	Reference	Requirement	Compliant	Evidence
		c) typical and maximum concentrations of chemicals or other substances used.		
6.	Code cl 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.	□ Yes □ No ⊠ N/A	• The Maverick T436 A1-1 well has not undergone hydraulic fracturing.
7.	Code cl 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 DITT.	□ Yes □ No ⊠ N/A	• No further wells have been drilled on EP136 during this reporting period.
8.	Code cl 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.	□ Yes □ No ⊠ N/A	• No further wells have been drilled on EP136 during this reporting period
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.	⊠ Yes □ No □ N/A	 Groundwater monitoring has been completed in accordance with the Preliminary guidelines for groundwater monitoring bore for exploration petroleum wells in the Beetaloo sub-basin. Water extraction levels reported and submitted to DEPWS at least monthly via WALAPs.
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.	⊠ Yes □ No □ N/A	• The approved EMP includes a WWMP and SMP, which has been adhered to during the reporting period.

No	Reference	Requirement	Compliant	Evidence
				• No incidents of uncontrolled wastewater release or spills off well pad were recorded in TRACS during the reporting period.
11.	Code cl C.6.1(d)	Wastewater tracking documentation must be reported to the Minister at least annually in accordance with the framework (Spill Management Plan and Wastewater Management Plan) outlined in the EMP	⊠ Yes □ No □ N/A	 All wastewater tracking reported weekly to DEPWS. No wastewater has been transferred off site during the reporting period.
12.	Code cl 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.	⊠ Yes □ No □ N/A	• Waste management plan includes a monitoring program to detect impacts from wastewater storages on fauna and human receptors.
13.	Code cl D.5.9.2(c)	Emissions from exploration, well construction (including during flowback) and workovers must be measured, and reports submitted.	⊠ Yes □ No □ N/A	 Emission related data (including fuel usage and flaring data) have been measured. The Annual Emissions Management Report for the period 1 July 2023 to 30 June 2024 (referred to as FY 23), was submitted by 30 September 2024.
14.	Code cl 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.	□ Yes □ No ⊠ N/A	 No natural gas vented for flared during the reporting period.
15.	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.	⊠ Yes □ No □ N/A	• Emission reporting, as per section 5.6 was provided on the 30 September 2024.

No	Reference	Requirement	Compliant	Evidence
16.	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.	⊠ Yes □ No □ N/A	• The EMP is still in force and has approximately 2 years remaining before the next review.
17.	Reg 33	DEPWS must be 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.	□ Yes □ No ⊠ N/A	• No reportable incidents have been recorded at Maverick 1 during the reporting period.
18.	Reg 34	Reports on reportable incidents must be provided to DEPWS as soon as practicable and within 72 hours of the event occurring. A final report must be provided to DEPWS within 30 days after remediation/cleanup of the affected area.	□ Yes □ No ⊠ N/A	• No reportable incidents have been recorded at Maverick 1 during the reporting period.
19.	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).	⊠ Yes □ No □ N/A	 Quarterly recordable incident reports were provided to DEPWS by email as follows: Q3-2023 - 13 Oct 2023 Q4-2023 - 15 Dec 2024 Q1-2024 - 24 Apr 2024 Q2-2024 - 15 Jul 2024 Q3-2024 - 15 Oct 2024.

No	Reference	Requirement	Compliant	Evidence
20.	Reg 37A	A report about flowback fluid from hydraulic fracturing must be provided to the Minister within 6 months of the flowback occurring.	□ Yes □ No ⊠ N/A	 The Maverick T436 A1-1 well has not been hydraulically fractured.
21.	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.	□ Yes □ No ⊠ N/A	 The Maverick T436 A1-1 well has not undergone hydraulic fracturing.
22.	Schedule 1, item 9(2)	Interest holders are required to conduct future engagement with stakeholders, in accordance with the description in the EMP.	⊠ Yes □ No □ N/A	 Stakeholder engagement with immediately affected parties is ongoing, with the frequency of the engagement dependent on the level of activity being completed onsite at a given point of time. Land access agreements are in place covering all current and future activities.
23.	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 construction, ³ drilling, or seismic surveys.	□ Yes □ No ⊠ N/A	• No regulated activities were undertaken during the reporting period that required notification. Except for the rehabilitation survey in July 2024, which is not under this EMP.

³ Note, civil works are also considered 'construction' activities.

3. Overall performance

3.1. Overview of performance

Table 5 provides a summary of the results of the performance assessment.

Table 5: Performance summary

Performance Status	Number	Percentage
Compliant	45	100%ª
Not Compliant	0	0%
Not Applicable	23	N/A
^a Excludes regulatory requirements that are not applicable.		

3.2. Overview of non-compliant items

Table 6 describes:

- 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.

Table 6: Overview of non-compliance

Ov	Overview of non-compliance				
1.	1. Ministerial approval conditions				
1	□ Yes ⊠ No	Non-compliance with ministerial approval conditions recorded during this reporting period? If yes, complete the sections below. If more than one instance, copy the rows below for each condition not met. If no, proceed to 2. Environmental Outcomes			
2	Condition # and requirement	-			
3	Summary of non-compliance	-			
4	Evidence used to detect non- compliance	-			
5	□ Yes ⊠ No	Environmental harm arising from non-compliance If yes, complete section below. If no, proceed to row 7.			

Ov	erview of non-compliance						
6	If yes, describe nature and scale of impact and actions to remediate and rehabilitate	-					
7	If no, describe how determined no impact	-					
8	□ Yes	Administrative non-compliance					
9	If yes, describe nature of non-compliance	-					
10	Immediate corrective actions implemented	-					
11	Future corrective actions to prevent reoccurrence	-					
2.	2. Environmental outcomes						
12	□ Yes ⊠ No	Non-compliance with environmental outcome? If yes, complete the sections below. If more than one instance, copy the rows below for each outcome not complied with. If no, proceed to 3. Environmental Performance Standards					
13	Outcome	-					
14	Summary of non-compliance	-					
15	Evidence used to detect non- compliance	-					
16	□ Yes ⊠ No	Environmental harm arising from non-compliance If yes, complete section below.					
		If no, proceed to row 18.					
17	If yes, describe nature and scale of impact and actions to remediate and rehabilitate	-					
18	If no, describe how determined no impact	-					
19	⊠ Yes						
20	If yes, describe nature of non-compliance						
21	Immediate corrective actions implemented						
22	Future corrective actions to prevent reoccurrence						

Overview of non-compliance								
3.	3. Environmental performance standards							
23	□ Yes ⊠ No	Non-compliance with environmental performance standard? If yes, complete the sections below. If more than one instance, copy the rows below for each environmental performance standard not complied with. If no, proceed to 4. Regulatory Reporting or Record Keeping						
24	Environmental performance standard	-						
25	Summary of non-compliance							
26	Evidence used to detect non- compliance	-						
27	□ Yes ⊠ No	Environmental harm arising from non-compliance If yes, complete section below. If no, proceed to row 29.						
28	If yes, describe nature and scale of impact and actions to remediate and rehabilitate	-						
29	If no, describe how determined no impact	-						
30	□ Yes	Administrative non-compliance						
31	If yes, describe nature of non-compliance	-						
32	Immediate corrective actions implemented	-						
33	Future corrective actions to prevent reoccurrence	-						
4.	Regulatory reporting or record	keeping						
34	□ Yes ⊠ No	Non-compliance with regulatory reporting or record keeping? If yes, complete the sections below. If more than one instance, copy the rows below for each regulatory reporting or record keeping regulatory requirement not met. If no, proceed to 5. Monitoring						
35	Reporting or recording requirement							
36	Summary of non-compliance							

Ov	Overview of non-compliance							
37	Evidence used to detect non- compliance							
38	Corrective actions implemented to improve reporting and record keeping							
5. Monitoring								
39	□ Yes	Non-compliance with monitoring requirements?						
	⊠ No	If yes, complete the sections below. If more than one instance, copy the rows below for each monitoring requirement not met.						
40	Monitoring requirement	-						
41	Summary of non-compliance	-						
42	Evidence used to detect non- compliance	-						
43	Corrective actions implemented to ensure compliance with monitoring requirements	-						

ATTACHMENT A: Incidents for reporting period – 10 August 2023 to 11 August 2024

Incident Date	Incident Number	Actual Consequence	Potential Consequence	Consequences	Department Responsible	Location	Lat	Long	Summary	Source	Volume/Quantity Spilled/Leaked	Volume S Remove
NIL												

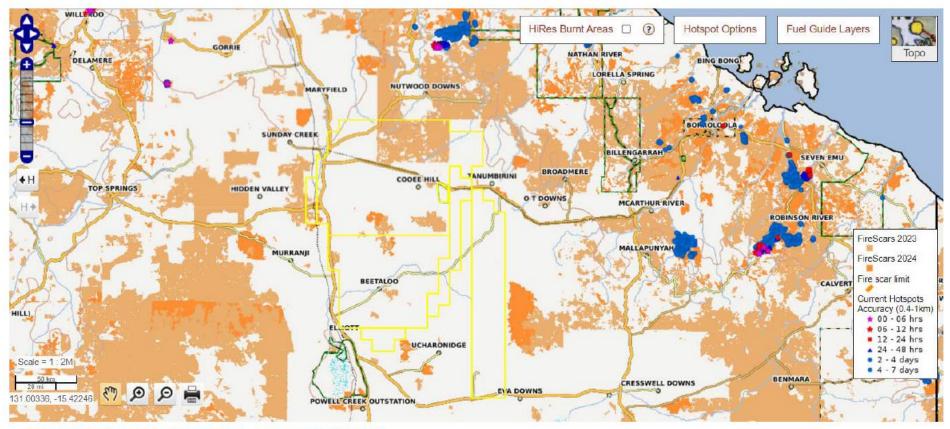
Annual Environmental Performance Report

ne Soil Action Taken Status

ATTACHMENT B: 2023 - 2024 NAFI fire scars in the vicinity of EMP well sites

Maverick 1 Well Site

Tamboran Permit Areas - Fire scars for 2023 and 2024



Sourced from NAFI Fire History - Fire Scars by Year

Last fire near Maverick 1 (LP1) well site was recorded in 2020

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