

Annual Environmental Performance Report

EMP title	Simpson Desert Seismic EP93, EP97 & EP107
Unique EMP ID	BRS1-5
EMP approval date	9 th October 2023
AEPR period	9/10/2023 – 30/6/2024
Petroleum title number/s	EP93,EP97 & EP107

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 [Onshore Gas website](#).

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
30/09/2024	1		G. Hokin	D. Lloyd	D. Lloyd

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 publically 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	Geoffrey Hokin
Position	Geologist
Company	Simpson Energy
Address	121 Green Street Richmond Vic. 3121

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 1984</i>
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	Simpson Desert Seismic EP93, EP97 & EP107
Unique EMP ID	BRS1-5
EMP approval date	9/10/2023
AEPR period	9/10/2023 – 30/6/2024
Petroleum title number/s	EP93, EP97 & EP107
Regulation 22 Notices	
Date Acknowledged	Scope
Not Applicable	
Regulation 23 Notices	
Date Acknowledged	Scope
Not Applicable	
Location of Regulated Activity	
<input checked="" type="checkbox"/>	Figure attached showing location of regulated activity
Regulated activities conducted during the reporting period (list regulated activities conducted, add or remove rows as required)	
1	No regulated activity conducted through the period subject of this report
<input type="checkbox"/>	Gantt chart attached showing the period each regulated activity listed above was conducted

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

1.1. Sources of information to inform performance

Information evaluated to inform compliance status (check applicable sources)	
<input checked="" type="checkbox"/>	Compliance with Ministerial approval conditions
<input checked="" type="checkbox"/>	Compliance with each environmental outcome and environmental performance standard within the approved EMP
<input checked="" type="checkbox"/>	Compliance with reporting requirements in accordance with the Code and Regulations
<input type="checkbox"/>	Recordable and reportable incidents within the reporting period, including root cause analysis and related corrective actions to prevent re-occurrence
<input type="checkbox"/>	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)	
<input type="checkbox"/>	Interest holder self-assessments of compliance, through daily and weekly inspections, as committed to in the EMP
<input checked="" type="checkbox"/>	Interest holder self-assessments of compliance, through internal audits, as committed to in the EMP
<input type="checkbox"/>	Interest holder self-assessments of compliance, through external audits conducted by third parties
<input type="checkbox"/>	Outcomes of inspections and/or audits conducted by the regulator

<input checked="" type="checkbox"/>	Spill register entries
<input checked="" type="checkbox"/>	Monitoring or other reports provided to DEPWS, the Department of Industry, Tourism and Trade (DITT) and other government agencies as required by the EMP
<input type="checkbox"/>	Outcomes of monitoring programs
<input checked="" type="checkbox"/>	Measurement criteria identified in the approved EMP
Other	The area was not accessed and no regulated or other activity was conducted through the period subject of this report due to delays outside the control of Simpson Energy

2. Demonstration of performance

Table 2 demonstrates interest holder compliance with Ministerial EMP approval conditions. Table 2 has been populated to provide examples of information to be included.

Table 2: Compliance with Ministerial approval conditions

No	Ministerial Condition	Compliant	Evidence
1.	<p>During seismic activities (being seismic line preparation, seismic survey and rehabilitation of seismic lines and civil works (being earth moving and land clearing for establishment of access tracks and camps) the interest holder must submit to onshoregas.DEPWS@nt.gov.au a weekly activity report with the following information:</p> <p>a. the length of seismic lines completed and/or respread with vegetation, with reference to the seismic line number;</p> <p>b. any significant rainfall event occurring (greater than 25 mm in a 24-hour period) threatening the activity;</p> <p>c. the outcome of inspections of erosion and sediment control measures, and corrective actions taken; and</p> <p>d. all dates the regulated activity was stopped due to the we season events and the date and time that the regulated activity recommenced, or is proposed to recommence.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	The area has not been accessed and no regulated activity has been conducted through the period subject of this report.
2.	The interest holder must submit he weekly reports required by condition 1 by 5pm ACST each Monday for the preceding week or part thereof.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	No regulated activity conducted through the period subject of this report
3.	Within 30 days of completing seismic activities or any other land clearing, the interest holder must submit to	<input type="checkbox"/> Yes	No regulated activity conducted through the period subject of this report

No	Ministerial Condition	Compliant	Evidence
	<p>onshoregas.DEPWS@nt.gov.au geospatial files (as shapefiles consisting of polygons, not line or point data and inclusive of metadata), identifying the location of:</p> <ul style="list-style-type: none"> a. seismic lines b. camp locations; c. clearing undertaken for access; d. any buffers applied for the purpose of avoiding listed species or their habitat and cultural heritage sites during land clearing; and e. the location of stream crossings and claypan crossings 	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
4.	<p>Within three business days of 31 March, 30 June, 30 September and 31 December of each year, the interest holder must submit to onshoregas.DEPWS@nt.gov.au a report with the following information:</p> <ul style="list-style-type: none"> a. regulated activities completed in the previous quarter; b. regulated activities to be conducted in the next quarter, including estimated duration; c. the date of any condition of this approval were completed in the previous quarter; d. the date of any conditions of this approval are due for completion in the next quarter; and e. monitoring and compliance activities to be conducted in the next quarter based on commitments in the approved EMP, relevant to the stage of the regulated activity 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	First quarter condition 4 report [31 March] was late. All subsequent reports were submitted on time.
5.	<p>By 1 October of each year, the interest holder must submit to onshoregas.DEPWS@nt.gov.au a completed Annual Environment Performance Report Template for the preceding 12 month period of 1 July to 30 June. The Template must be</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	This report is the first report for the EMP BRS1-5 . this report complies with the condition 5 requirement.

No	Ministerial Condition	Compliant	Evidence
	completed in accordance with the <i>Onshore Petroleum Annual Environmental Performance Reporting Guideline (28 October 2021)</i>		
6.	<p>Within 90 days of the anniversary of the approval of the EMP, the interest holder must provide a rehabilitation report to DEPWS, via onshoregas.DEPWS@nt.gov.au; which must:</p> <p>a. provide the dates rehabilitation monitoring sites and analogue sites were surveyed during the preceding 12 month period;</p> <p>b. analyse and compare rehabilitation progress against analogue sites and the rehabilitation criteria in the EMP;</p> <p>c. include corrective actions identified for rehabilitated areas and the date those corrective actions were implemented, or the date they are proposed to be implemented; and</p> <p>d. be accompanied by geospatial files (as shapefiles as polygons and point data and inclusive of metadata) identifying the locations of monitoring sites and the areas considered rehabilitated during the previous 12 month period.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	The area has not been accessed and no regulated activity conducted during the period subject of this report
7.	<p>By 31 October 2024 and annually if the activity extends beyond this date, the interest holder must submit to onshoregas.DEPWS@nt.gov.au the emissions report required by clause D.6.2 of the <i>code of Practice: Onshore Petroleum Activities in the Northern Territory (2019)</i> (The code), which must:</p> <p>a. calculate emissions in accordance with the National Greenhouse and Energy Reporting (Measurement) Determination 2008;</p> <p>b. document actual annual greenhouse gas emission from conduct of the regulated activity estimated and reported under</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	The anniversary date has not been reached at the time of writing this report or for the period subject of this report.

No	Ministerial Condition	Compliant	Evidence
	<p>the <i>Commonwealth national Greenhouse and Energy Reporting Act 2007</i> (NGER Act) versus predicted emission in the EMP (BRS1-5);</p> <p>c. include a summary of all regulated activities conducted which have contributed to greenhouse gas emission during the reporting period; and</p> <p>d. account for differences between actual and predicted emissions with reference to all parts of the regulated activity with potential to create greenhouse gas emissions.</p>		
8.	<p>The Interest holder must record all accidental releases of liquid contaminant or hazardous chemicals in a site spill register, which records:</p> <p>a. the liquid contaminant or hazardous chemical spilled or leaked;</p> <p>b. the GPS co-ordinates of the location of the spill or leak;</p> <p>c. the source and volume of the spill or leak;</p> <p>d. the volume of impacted soil removed for disposal and the depth of any associated excavation; and</p> <p>e. the corrective actions taken or proposed to be taken to prevent recurrence of an incident of a similar nature.</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	No spills or accidental releases of liquid contaminant or hazardous chemical. the area has not been accessed and no regulated activity has been conducted.
9.	<p>No later 30 days prior to undertaking regulated activities the interest holder must submit to onshoregas.DEPWS@nt.gov.au a succinct table detailing all inspections and monitoring that will be completed under the EMP, that will form part of the approved EMP, and includes:</p> <p>a. each monitoring or inspection action;</p> <p>b. the frequency of the monitoring or inspection action;</p> <p>c. the party responsible for carrying out the monitoring or</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Table submitted 20/6/2024

No	Ministerial Condition	Compliant	Evidence
	inspection action; and d. the relevant environmental performance standard/s and measurement criteria related to the monitoring or inspection action.		

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
1.	Erosion and Sediment control	Records show that any potential sites of erosion are being monitored and appropriate action is being taken. No active erosion within 12 months of works completion	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	The area has not been accessed and no regulated activity has been conducted
2.	Pests	No further spread of declared weeds within the exploration area No introduction of weed species as result of exploration activities	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
3.	Bushfire	No uncontrolled fires occurring because of exploration activities	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
4.	Waste and waste water management	All waste volumes tracked whilst on-site Zero wastewater tank overtopping events Zero onsite wastewater spills	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
5.		All waste volumes tracked whilst on-site and in transport Waste transport certificates available for all waste generated	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
6.		No off-site release of wastewater or waste products	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

No	Environmental Outcome	Environmental Performance Standard	Compliant	Evidence
7.	Waste and waste water management	No off-site release of wastewater or waste products	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	The area has not been accessed and no regulated activity has been conducted
8.	Spill response	No accidental on-site release of chemicals or hydrocarbons 100% of spills cleaned up immediately on discovery	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
9.		No incidents or near misses No accidental on-site release of waste, chemicals, or hydrocarbons	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
10.	Stakeholder engagement	All complaints and subsequent actions are to be recorded	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
11.		Communications log maintained. All actions recorded.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Communications log maintained
12.	Air quality and emissions	No nuisance-related complaints regarding dust / air quality resulting from exploration activities All complaints responded to and, where appropriate, corrective action taken immediately	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	The area has not been accessed and no regulated activity has been conducted
13.		Emissions report lists activities which have caused emissions and reports differences between predicted and actual yearly	<input type="checkbox"/> Yes <input type="checkbox"/> No	

No	Environmental Outcome	Environmental Performance Standard	Compliant	Evidence
		emissions	<input checked="" type="checkbox"/> N/A	
14.	Flora and Fauna	No unauthorised clearing of vegetation within exploration area	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	The area has not been accessed and no regulated activity has been conducted
15.		No unauthorised activities within or access to a Restricted Work Area, Sacred Sites or buffer or no go zone No non-compliances with AAPA certificate conditions No impact to known archaeological sites No unauthorised clearing of vegetation	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
16.		No further spread of declared weeds within the exploration area. Wash/blow down vehicles when required. Vehicle and machinery weed certification register to be maintained	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
17.		No unauthorised clearing of vegetation within exploration area. No large tree removal.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
18.		No unauthorised clearing of vegetation within exploration area. No large tree removal. GPS tracking of land clearing machinery. Establish permanent photo monitoring points and analogue sites. Maintain non-compliance register .	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

No	Environmental Outcome	Environmental Performance Standard	Compliant	Evidence
19.	Flora and Fauna	and analogue sites Measurable attributes compared with analogue sites for: <input checked="" type="checkbox"/> Indication of seed germination and plant establishment rates. <input checked="" type="checkbox"/> Vegetation cover (dominant species and abundance). <input checked="" type="checkbox"/> Land condition (e.g. erosion, canopy cover, ground cover, habitat quality). <input checked="" type="checkbox"/> Weed presence/absence (species and density). <input checked="" type="checkbox"/> Disturbance (fire frequency and intensity, evidence of feral animal/cattle) Incidental observations from surrounding area. Monitoring including photos and reporting of all erosion occurrences No establishment of weed species declared under the Northern Territory Weeds Management Act. Indication of seed germination and plant establishment rates	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	The area has not been accessed and no regulated activity has been conducted.
20.		No damage to creek or drainage crossing flora condition. records show that potential sites of impact are being monitored and appropriate action to maintain/rehabilitate is being taken	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
21.		Establish permanent photo monitoring points and analogue sites Measurable attributes compared with	<input type="checkbox"/> Yes <input type="checkbox"/> No	

No	Environmental Outcome	Environmental Performance Standard	Compliant	Evidence
		analogue sites for: <input checked="" type="checkbox"/> Indication of seed germination and plant establishment rates. <input checked="" type="checkbox"/> Vegetation cover (dominant species and abundance). <input checked="" type="checkbox"/> Land condition (e.g. erosion, canopy cover, ground cover, habitat quality). <input checked="" type="checkbox"/> Weed presence/absence (species and density). <input checked="" type="checkbox"/> Disturbance (fire frequency and intensity, evidence of feral animal/cattle) Incidental observations from surrounding area. Monitoring including photos and reporting of all erosion occurrences No establishment of weed species declared under the Northern Territory Weeds Management Act. Indication of seed germination and plant establishment rates	<input checked="" type="checkbox"/> N/A	
22.	Weeds	No further spread of declared weeds within the exploration area. Wash/blow down vehicles when required. Register of vehicle and equipment inspections to be maintained	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	The area has not been accessed and no regulated activity has been conducted.
23.		All weed monitoring and survey activities will be recorded in accordance with the NT Weed Data Collection Guidelines Weed Officer to record control actions taken	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

No	Environmental Outcome	Environmental Performance Standard	Compliant	Evidence
		where needed		
24.	Rehabilitation monitoring	Establish permanent photo monitoring points and analogue sites Measurable attributes compared with analogue sites for: <input checked="" type="checkbox"/> Indication of seed germination and plant establishment rates. <input checked="" type="checkbox"/> Vegetation cover (dominant species and abundance). <input checked="" type="checkbox"/> Land condition (e.g. erosion, canopy cover, ground cover, habitat quality). <input checked="" type="checkbox"/> Weed presence/absence (species and density). <input checked="" type="checkbox"/> Disturbance (fire frequency and intensity, evidence of feral animal/cattle) Incidental observations from surrounding area. Monitoring including photos and reporting of all erosion occurrences No establishment of weed species declared under the Northern Territory Weeds Management Act. Indication of seed germination and plant establishment rates	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	The area has not been accessed and no regulated activity has been conducted.
25.	Groundwater usage	Record groundwater take using an approved flow meter.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
26.		Calibration of flow meter	<input type="checkbox"/> Yes	

No	Environmental Outcome	Environmental Performance Standard	Compliant	Evidence
		Records exist and are complete Ground water use does not exceed permitted quantity. Annual report submitted to DEPWS	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
27.	General monitoring	No unauthorised activities within or access to a Restricted Work Area or Sacred Sites No non-compliances with AAPA certificate conditions No unapproved impact to known archaeological sites Heritage register maintained	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	The area has not been accessed and no regulated activity has been conducted.
28.		Staff on-site will be provided with training on identification of Aboriginal objects and the undiscovered heritage sites procedure during induction No unapproved impact to known archaeological sites Any finds reported to NT Heritage Branch	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
29.		AAPA authority certificate(s) issued. Archaeological and sites of cultural significance identified. No unauthorised activities within or access to a Restricted Work Area or Sacred Sites No non-compliances with AAPA certificate conditions.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
30.		No uncontrolled fires occurring because of exploration activities.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

No	Environmental Outcome	Environmental Performance Standard	Compliant	Evidence
31.		No works or activity during or after 25mm of rain or 50mm or more of rain within 48 hours.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	The area has not been accessed and no regulated activity has been conducted.
32.		No impact or contamination of environment at camp sites	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
33.	General monitoring	No unapproved impact to known archaeological sites No unauthorised activities within or access to a Restricted Work Area or Sacred Sites No non-compliances with AAPA certificate conditions No unauthorised clearing of vegetation within exploration area	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
34.		Any non-conformance reported within 24 hours	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
35.	Post activity monitoring	Photo monitoring points and analogue sites demonstrate measurable attributes compared with analogue sites for: <input checked="" type="checkbox"/> Indication of seed germination and plant establishment rates. <input checked="" type="checkbox"/> Vegetation cover (dominant species and abundance). <input checked="" type="checkbox"/> Land condition (e.g. erosion, canopy cover, ground cover, habitat quality).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

No	Environmental Outcome	Environmental Performance Standard	Compliant	Evidence
		<input checked="" type="checkbox"/> Weed presence/absence (species and density). <input checked="" type="checkbox"/> Disturbance (fire frequency and intensity, evidence of feral animal/cattle) Incidental observations from surrounding area. Monitoring including photos and reporting of all erosion occurrences No establishment of weed species declared under the Northern Territory Weeds Management Act. Indication of seed germination and plant establishment rates		
36.	End of project	Report compiled and submitted with OFIs to DEPWS	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	The area has not been accessed and no regulated activity has been conducted.

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.	<input type="checkbox"/> Yes	The area has not been accessed and no regulated activity undertaken through the period subject of this report
	EMP Section 4.2	Geospatial data will be provided within 60 days of each land clearing activity being completed.	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
2.	Code cl A.3.6 (b)	Weed management plan developed as part of the EMP must provide for ongoing weed monitoring.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
	EMP section 4.3.4, 5.5.2, 7.6, Appendix G	No further spread of declared weeds within the exploration area. Wash/blow down vehicles when required Weed Officer to record control actions taken where needed . Annual environmental performance report. DEPWS regional weed officer notified within 48 hrs of discovery of new weed species in the seismic survey area		

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

No	Reference	Requirement	Compliant	Evidence
3.	Code cl A.3.7(a)vi EMP Section 7.7 Appendix H	The fire management plan must provide for annual fire mapping. Maintain a natural fire regime of the region Protection of public, private infrastructure, equipment and personnel	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Annual fire mapping was conducted June 2023. The results of the mapping were included in the fire management plan.
4.	Code cl A.3.9(c) Code cl A.3.9(e) EMP section 8.8 Appendix K	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.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Area has not been accessed and project not commenced as yet with no regulated activity conducted during the period subject of this report
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 c) typical and maximum concentrations of chemicals or other substances used.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Seismic program does not require hydraulic fracturing
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	<input type="checkbox"/> Yes <input type="checkbox"/> No	Seismic program does not require hydraulic fracturing

No	Reference	Requirement	Compliant	Evidence
		recovered gas must be recorded and included in the operator's annual report.	<input checked="" type="checkbox"/> N/A	
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.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Seismic program does not require hydraulic fracturing
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.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Seismic program does not require hydraulic fracturing
9.	Code cl C.6.1(d) EMP section 8.3 Appendix I Section 8.4 Appendix J	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	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Area has not been accessed and project not commenced as yet with no regulated activity conducted during the period subject of this report.
10.	Code cl C.7.1(d)ii Section 8.3 Appendix I	<p>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.</p> <p>All waste volumes tracked whilst on-site and in transport .</p> <p>No off-site release of wastewater or waste products</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Area has not been accessed and project not commenced as yet with no regulated activity conducted during the period subject of this report.

No	Reference	Requirement	Compliant	Evidence
11.	Code cl D.5.9.2(c) EMP Section 4.6	Emissions from exploration, well construction (including during flowback) and workovers must be measured and reports submitted. Reports on actual emissions will be provided on 31 October each year the EMP is in force.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Area has not been accessed and project not commenced as yet with no regulated activity conducted during the period subject of this report. No emissions to date.
12.	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.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Seismic program does not require hydraulic fracturing
13.	Reg 33 EMP Section 7.9, 8.4.2, Table 8-3	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.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Area has not been accessed and project not commenced as yet with no regulated activity conducted during the period subject of this report. No emissions to date.
14.	Reg 34 EMP Section 7.9, 8.4.2, Table 8-3	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.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Area has not been accessed and project not commenced as yet with no regulated activity conducted during the period subject of this report. No emissions to date.
15.	Reg 35 EMP Section 7.9, 8.4.2, Table 8-3	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).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

No	Reference	Requirement	Compliant	Evidence
16.	Reg 37A	A report about flowback fluid from hydraulic fracturing must be provided to the Minister within 6 months of the flowback occurring.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Seismic activity, no hydraulic fracturing
17.	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.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
18.	Schedule 1, item 12 EMP Section 6 Appendix N Table 3-1	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.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Area has not been accessed and project not commenced as yet with no regulated activity conducted during the period subject of this report. No emissions to date..
19.	Cop A.2. EMP Table 3-1 EMP 4.2 EMP 4.3.2	Site selection and planning Part A applies to all activities that cause disturbance to the surface of the land such as seismic surveys, access tracks and infrastructure	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Access follows existing pastoral access ways where possible. water course crossings have been minimised. new access and seismic lines have been selected to minimise cultural heritage environmental impact. AAPA authority certificate, DEPWS EMP approval, Pastoral land access agreement,
20.	COP A.3.3. EMP Table 3-1 EMP 7.10 EMP 8.3.1	Noise assessment, planning and management associated with petroleum activities shall comply with the Northern territory Noise Management framework Guidelines	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Area has not been accessed and project not commenced as yet with no regulated activity conducted during the period subject of this report.

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

No	Reference	Requirement	Compliant	Evidence
21.	COP A.3.4. EMP 4.3.5 EMP Table 4-6 EMP 7.5 Appendix F	An erosion and sediment control plan(ESCP) must be developed by a suitably qualified person	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Erosion and sediment control plan Appendix F approved DEPWS 9/10/23
22.	COP. A.3.4.	Land clearing guidelines as published by DEPWS must be complied with in relation to protection of natural waterways as a result of land disturbance	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Area not accessed work not commenced.
23.	Cop A. 3.5	Surface activities must be undertaken in a manner that avoids and minimises environmental risks and environmental impact to flora and fauna, critical habitat and important habitat to ALARP and acceptable in accordance the Land Clearing guidelines	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Area not accessed work not commenced.
24.	Cop A.3.8	Containment of contaminants: (a) Activities that involve wastewater or chemical storage must be carried out according to the wastewater management plan and spill management plan which are part of the EMP (which are further detailed in C.7 of this Code).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Area not accessed work not commenced.
25.	Cop A. 3.9. EMP Table 3-1 EMP 4.4.1, 4.7, 7.5 Appendix K	(a) A rehabilitation plan must be included as part of an EMP (b) Appropriate to scale and nature of activity	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Rehabilitation plan Appendix K approved DEPWS 9/10/2023

<p>26.</p>	<p>Cop A.3.9. EMP Table 3-1 EMP 4.4.1, 4.7, 7.5, 7.11 Appendix K</p>	<p>(c) Progressive rehabilitation of significantly disturbed land which is not required for the ongoing conduct of the petroleum activities or future activities, must commence as soon as practicable, but not longer than 12 months following the cessation of activities on the land</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A</p>	<p>Area not accessed work not commenced.</p>
<p>27.</p>		<p>(d) All significantly disturbed land must be reinstated to is pre-disturbed condition. For areas that previously contained native vegetation, native vegetation must be re-established such that the corridors become ecologically integrated into the surrounding landscape</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A</p>	
<p>28.</p>		<p>(e) Regular maintenance and at least yearly monitoring of rehabilitated areas must take place to measure compliance with the Rehabilitation Plan</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A</p>	
<p>29.</p>		<p>(f) If contamination is detected, remediation must commence immediately in accordance with the spill management plan and/or emergency contingency plan</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A</p>	
<p>30.</p>	<p>COP C.2.1 EMP 8.4, Appendix J Appendix L EMP 7.0 Appendix E EMP 8.12, 8.13 Appendix I Appendix E, section 7</p>	<p>Water and wastewater (b) “waste material” and material containing ‘contaminants’ as defined in S 117AAB of the Act; (c) wastewater meeting the definition of waste under the waste Management and Pollution Control Act (NT)</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A</p>	<p>Part C of the Code of Practice mainly applies to well site water management. However certain clauses within this apply to surface activities as relates to waste water management during seismic survey and ancillary activities such as camp operations. The area has not been accessed and no regulated activity has commenced</p>

26.	<p>Cop A.3.9. EMP Table 3-1 EMP 4.4.1, 4.7, 7.5, 7.11 Appendix K</p>	<p>(c) Progressive rehabilitation of significantly disturbed land which is not required for the ongoing conduct of the petroleum activities or future activities, must commence as soon as practicable, but not longer than 12 months following the cessation of activities on the land</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A</p>	<p>Area not accessed work not commenced.</p>
31.	<p>COP C.7.2.a EMP Table 3-1 Appendix E Appendix J</p>	<p>An EMP for a petroleum activity must include a Spill Management Plan (SMP). Monitor, manage and report in accordance with the WWMP and SMP</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A</p>	<p>The area has not been accessed and no regulated work activity conducted through the period subject of this report</p>

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	6	8.7
Not Compliant	1	1.4
Not Applicable	62	89.9

3.2. Overview of non-compliant items

Refer to Section 3.11.2 of the AEPR Guideline for further guidance.

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

Overview of non-compliance		
1. Ministerial approval conditions		
1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Non-compliance with ministerial approval conditions? 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	Ministerial condition 4 – Within three business days of 31 march the interest holder must submit to onshore.DEPWS@nt.gov.au a report with the following information: a. regulated activities completed in the previous quarter; b. regulated activities to be conducted in the next quarter, including estimated duration; c. the date any conditions of this approval were completed in the previous quarter; and d. monitoring and compliance activities to be conducted in the next quarter based on commitments in the approved EMP, relevant to the

		stage of a regulated activity.
3	Summary of non-compliance	The required report was delayed due to significant health impact to key person responsible for the development and issue of the report
4	Evidence used to detect non-compliance	Correspondence from A/Manager Petroleum Compliance Petroleum Operations / Environment Division Department of Environment, Parks and Water Security
5	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Environmental harm arising from non-compliance If yes, complete section below. If no, proceed to row 7.
6	If yes, describe nature and scale of impact and actions to remediate and rehabilitate	
7	If no, describe how determined no impact	No regulated work activity conducted through the period. area not accessed due to force majeure events
8	<input checked="" type="checkbox"/> Yes	Administrative non-compliance
9	If yes, describe nature of non-compliance	Failure to lodge report on time
10	Immediate corrective actions implemented	Authority issued to other personnel to compile, complete and issue report in absence of key person
11	Future corrective actions to prevent reoccurrence	Authority issued to other personnel to compile, complete and issue report in absence of key person
2. Environmental outcomes		
12	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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	<input type="checkbox"/> Yes <input type="checkbox"/> 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	<input type="checkbox"/> Yes	Administrative non-compliance
20	If yes, describe nature of non-compliance	
21	Immediate corrective actions implemented	
22	Future corrective actions to prevent reoccurrence	
3. Environmental performance standards		
23	<input type="checkbox"/> Yes <input type="checkbox"/> 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	<input type="checkbox"/> Yes <input type="checkbox"/> 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	<input type="checkbox"/> 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	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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	
37	Evidence used to detect non-compliance	
38	Corrective actions implemented to improve reporting and record keeping	
5. Monitoring		
39	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Non-compliance with monitoring requirements? 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	

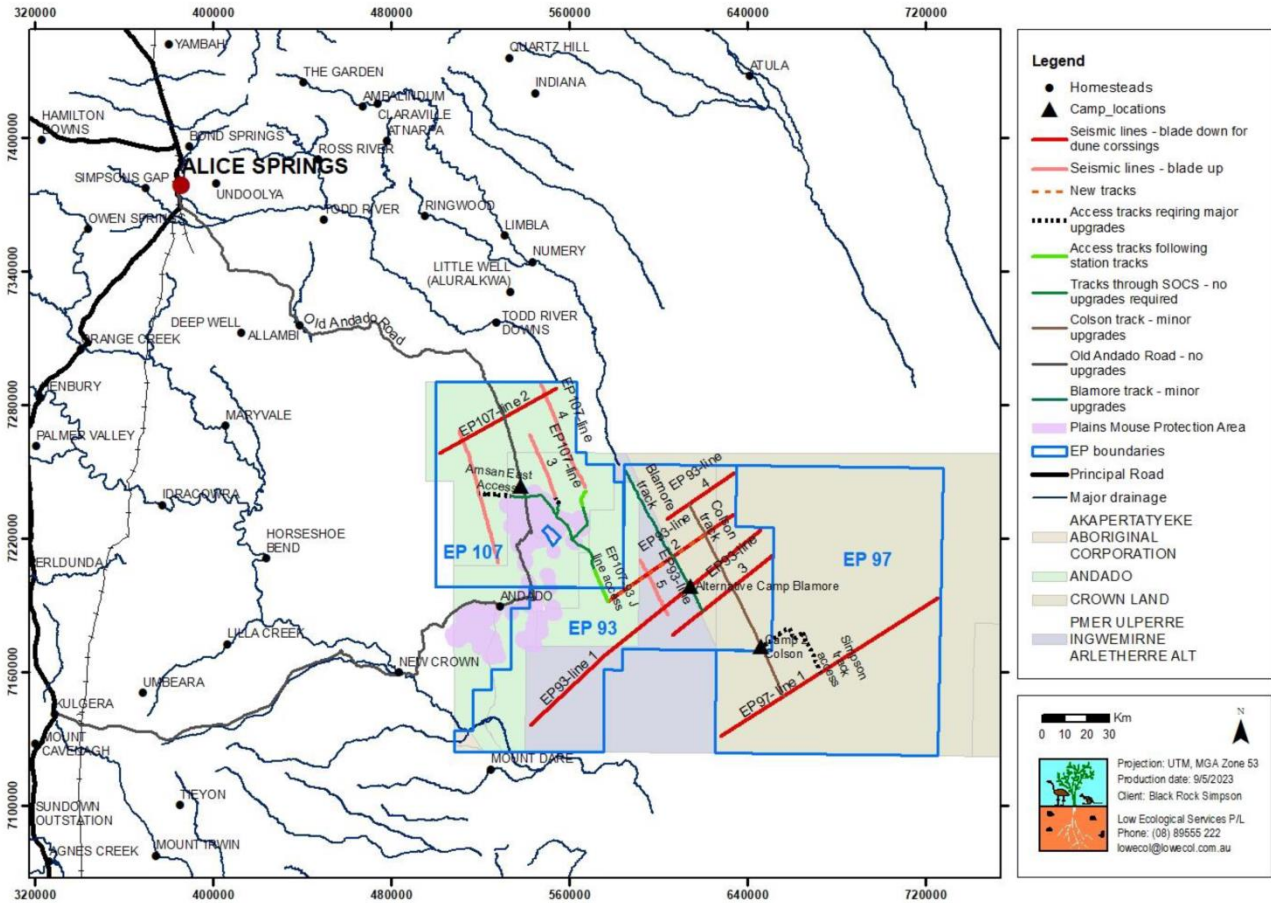


Figure 1-1. Location of proposed seismic activity