



Annual Environmental Performance Report

Dingo Gas Field and Surprise Oil Field
Field Environmental Management Plan (CTP2-2)

10 November 2023


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1	19 September 2023	Stuart Lyman	Annual submission
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Signature and Certification

We hereby declare that the information provided in this annual environment performance report and accompanying documents is to the best of our knowledge, true and correct.	
Signature	
Name	Cam Lambert
Position	Cam Lambert – Risk and HSE Manager
Date	10 November 2023

¹ Dingo and Surprise

² Dingo only

³ Dingo only

Glossary

Abbreviation / Acronyms	Definition
AAPA	Aboriginal Areas Protection Authority
AEPR	Annual Environment Performance Report
CLC	Central Land Council
CoP	Code of Practice
CP	Central Petroleum Limited
CTP	Central Treatment Plant
CLC	Central Land Council
DEPWS	Department of Environment, Parks, and Water Security
DITT	Department Industry, Tourism and Trade
DGF	Dingo Gas Field
EMP	Environmental Management Plan
EPA	Environment Protection Authority
EPS	Environmental Performance Standard
ESS	Eastern Satellite Station
FEMP	Field Environment Management Plan
GIS	Geographic Information System
HSE	Health, Safety and Environment
NEMP	National Environment Management Plan
NORMS	Naturally Occurring Radioactive Materials
NPI	National Pollution Inventory
NT	Northern Territory
L6	Operating Licence Six
L7	Operating Licence Seven
PL2	Pipeline Licence Two
SOF	Surprise Oil Field
TO	Traditional Owner

Note: throughout the document references to the:

- Department of Environment and Natural Resources (DENR) have been replaced with the Department of Environment, Parks, and Water Security (DEPWS)
- Department of Primary Industries and Resources ((DPIR) have been replaced with the Department of Industry, Trade and Tourism (DITT)

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1.0 Introduction

This Annual Environment Performance Report (AEPR), as required under the *Petroleum (Environment) Regulations 2016* (NT), is presented to demonstrate the environmental performance of Central Petroleum (CP) as the operator of the Dingo Gas Field (DGF) and Surprise Oil Field (SOF) in respect of achieving the environmental outcomes and performance standards, and monitoring, recording, and reporting requirements.

The report includes sufficient information to allow the Minister to assess CP's compliance with the obligations described within the DGF/SOF Field Environmental Management Plan (FEMP) approved 3 July 2020 and any other law in force in the Northern Territory related to conduct of the regulated activity.

The AEPR covers the period from 3 July 2022 to 2 July 2023. Activity was undertaken at the Dingo Gas Field (DGF) continuously during the reporting period. The Surprise Oil Field (SOF) remained suspended for the duration of the reporting period.

1.1 Background

The regulated activities⁴ conducted under the FEMP that have been assessed against performance are as follows:

Dingo

- Civil maintenance including road, tracks, well lease pads, gas flowline right of ways and lease maintenance.
- Well management including shutdown and operational maintenance, function testing, workover, suspension, and decommissioning.
- Storage, handling and transportation of chemicals, dangerous goods, hazardous materials, and substances.
- Waste management.
- Environmental monitoring.
- Weed management and control.
- Rehabilitation activities.

Surprise

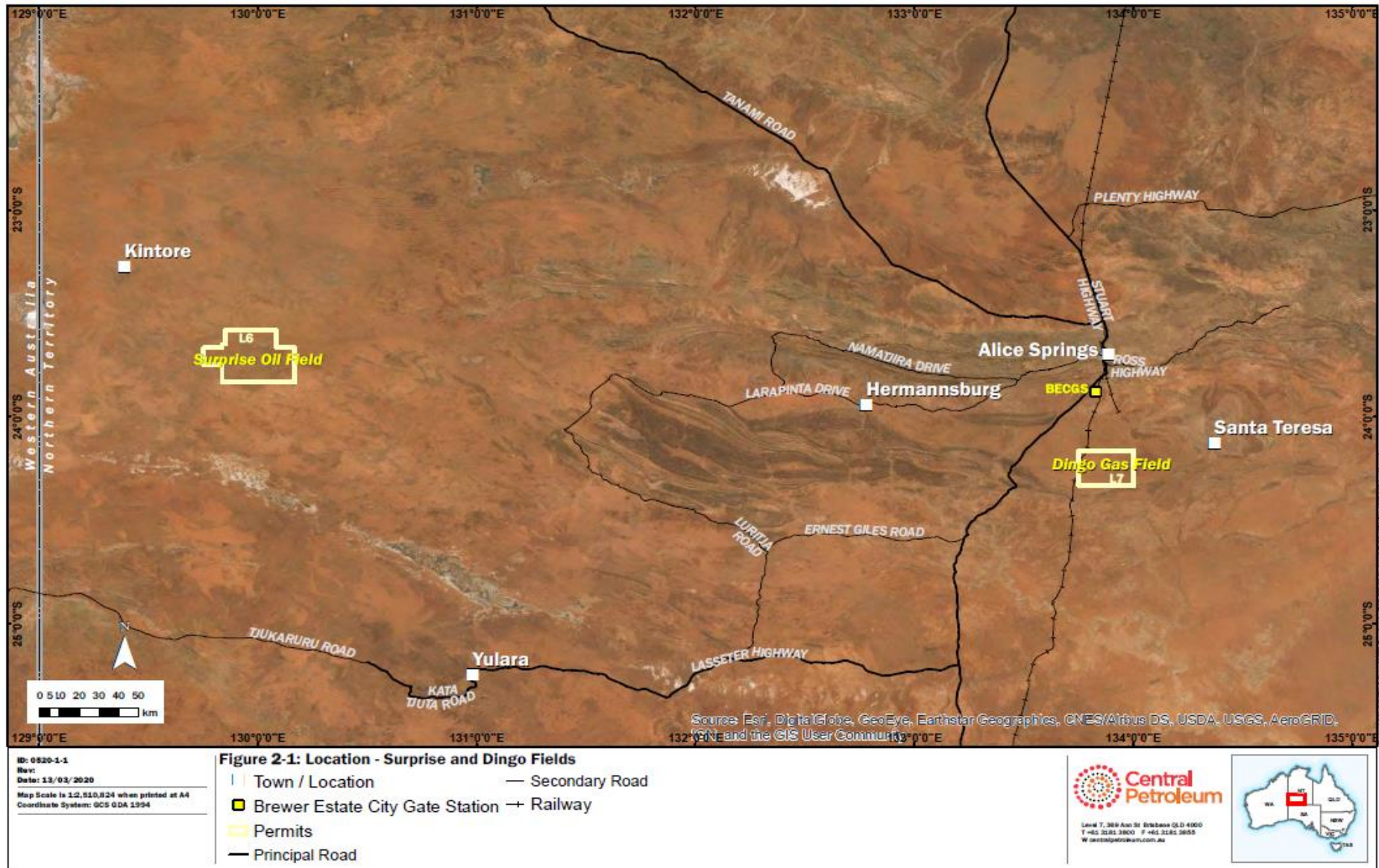
- Civil maintenance including road, tracks, well lease pads, gas flowline right of ways and lease maintenance.
- Well management including shutdown and operational maintenance, function testing, decommissioning.
- Storage, handling and transportation of chemicals, dangerous goods, hazardous materials, and substances.
- Groundwater extraction
- Waste management
- Environmental monitoring
- Weed management and control.
- Rehabilitation activities.

Drilling, hydraulic fracturing, seismic or clearing activities are out-of-scope of the FEMP and were not conducted under this FEMP during the reporting period.

The location of both the Dingo and Surprise fields is shown in Figure 1:.

⁴ As detailed in Scope section of the approved Dingo Gas Field and Surprise Oil Field, Field Environmental Management Plan

Figure 1: Dingo Gas Field and Surprise Oil Field Locations



1.2 Contents of Performance Report

This AEPR describes the environmental performance of CP by evaluating the following:

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

1.3 Assessment of Compliance

Table 1 shows the compliance status indicators used in the AEPR.

Table 1: Compliance Descriptors

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

1.4 Evidence of Compliance

The following sources of evidence are used to demonstrate compliance:

1. Internal tracking of compliance by CP through:
 - Inspections, as committed to in the FEMP.
 - Incident management system records
 - Quarterly environmental inspections (Dingo)
 - 30 September and 23 December 2022, as well as 20 March and 19 June 2023
 - Quarterly maintenance inspections of Surprise
 - 26 May and 8 August 2022, as well as 17 April and 30 June 2023.
 - Area and lease inspection reports
 - Work management and maintenance system records
 - Daily production reports
 - Daily pre-start and toolbox meetings
 - Toolbox meetings are held daily for site personnel at DGF. Any issues surrounding both DGF and SOF are discussed at these meetings. The outcomes of these meetings are shared with Brisbane operational staff during a subsequent daily pre-start meeting.
 - Various registers in place including:
 - animal control, waste, hazardous goods, chemical, weed control.
2. Reports provided under the *National Greenhouse and Energy Reporting Act 2007*
3. Outcome from regulatory inspections conducted by the Department of Environment, Parks, and Water Security (DEPWS), Petroleum Operations
4. Recordable and reportable incident reports submitted to DEPWS Petroleum Operations
5. Reports provided to DITT, the Department of Industry, Trade and Tourism (DITT) and other government agencies.

2.0 Demonstration of Compliance

2.1 Ministerial Approval Conditions

The FEMP was approved by the Minister for Environment and Natural Resources on 3 July 2020 with conditions, which are assessed for compliance in Table 2.

Table 2: Compliance with Ministerial EMP Approval Conditions

No	Ministerial Condition	Compliance Status	Evidence
1	The Interest Holder must submit to DEPWS, an updated timetable for the regulated activities prior to the commencement of the activity and provide an updated timetable to DEPWS each quarter thereafter. The timetable must include dates for the implementation of commitments and associated hold points, and progressive rehabilitation activities, including proposed dates for commencement of rehabilitation at both the DGF and the SOF.	Compliant	Quarterly Regulated Activity Reports showing actual activities for the quarter and planned work for the forthcoming quarter have been provided for: <ul style="list-style-type: none"> ▪ July to September 22 ▪ October to December 22 ▪ January to March 23 ▪ April to June 23
2	The Interest Holder must submit to DEPWS within three calendar months of the date of this approval, a site-specific Erosion and Sediment Control Plan for each of Dingo Gas Field and Surprise Oil Field, to guide civil maintenance activities and detail corrective actions.	Compliant	Site-specific Erosion and Sediment Control Plans for both the DGF and SOF were developed and submitted. DEPWS subsequently issued a letter confirming that the assessed plans meet the requirements of the ministerial condition.
3	The Interest Holder must submit to DEPWS within one month of the date of this approval a groundwater monitoring plan to demonstrate there is no change in groundwater quality as a result of activities at Dingo Gas Field and Surprise Oil Field. The groundwater monitoring plan must include: <ol style="list-style-type: none"> i. a location map (and associated spatial files) for proposed monitoring bores relative to the respective field ii. a commitment to commence groundwater monitoring within six months of the date of EMP approval. iii. a commitment to monitor for the range of analytes specified in clause B.4.17.1 Table 6 of the Code iv. development of site-specific performance standards for groundwater quality v. a commitment to provide groundwater monitoring reports and data to DEPWS annually. 	Compliant	Site-specific groundwater plans for both the DGF and SOF were developed and submitted to DEPWS. The final plans included: <ul style="list-style-type: none"> ▪ location map of the monitoring bores relative to the respective field ▪ a commitment to commence and undertake groundwater monitoring. ▪ monitoring in accordance with the CoP ▪ a commitment to develop site-specific performance standards for groundwater quality once baseline water quality data was determined. ▪ a commitment to provide groundwater monitoring reports and data to DEPWS annually.

No	Ministerial Condition	Compliance Status	Evidence
4	The Interest Holder must provide an annual report to DEPWS on its environmental performance, in accordance with item 11(1)(b) in Schedule 1 of the Regulations. The first report must cover the 12-month period from the date of this approval and be provided within three calendar months of the end of the reporting period. The annual environmental performance report must align with the template prepared by DEPWS for this purpose and must include a signed declaration by the Interest Holder.	Compliant	This document fulfils the requirement of the Annual Environmental Performance Report (AEPR).
5	The Interest Holder must not undertake vegetation clearing outside of the current disturbed footprint and any proposed clearing activities outside of the current disturbance footprint must be presented with geospatial data, at least one month prior to proposed commencement, to DEPWS Petroleum Operations for consideration under the Regulations.	Not Applicable	No clearing was undertaken during the reporting period.

2.2 Environmental Outcomes and Environmental Performance Standards

Table 3 provides a systematic overview of CP’s compliance with the environmental outcomes and environmental performance standards within the approved FEMP. The environmental outcomes for the FEMP (as listed in Table 2 below) are sourced from the environmental performance standards sourced from ‘environmental outcomes’ in Tables 8-2 to 8-7 of the FEMP.

Table 3: Compliance with Environmental Outcomes / Environmental Performance Standards

No	Environmental Outcome	Environmental Performance Standard	Compliance Status	Evidence
1	CP’s activities do not impact on the viability of local conservation significant fauna / flora populations	Driving only to occur within infrastructure areas	Compliant	Incident management system did not identify any instances of driving outside of infrastructure areas during the reporting period.
		Avoid driving on access tracks within the DGF or SOF after sunset or before sunrise without approval by CP Management	Compliant	Incident management system did not identify any instances of unauthorised dawn or dusk driving. Also, Journey Management System (JMS) records didn’t identify any non-approved non-daylight hours driving.
		Speed limited on access tracks within the DGF and SOF to 60km/hr	Compliant	Incident management system did not identify any instances of vehicles speeding. Speed limits are posted and included in site traffic management plans.

No	Environmental Outcome	Environmental Performance Standard	Compliance Status	Evidence
		All personnel attending the DGF, and SOF will be inducted on speed limits and times to avoid driving	Compliant	Site induction records identified that all employees and contractors were inducted prior to or upon arrival at site. Incident management system records did not identify any employees and contractors who were not inducted. Induction materials outline speed limits and times to avoid driving.
		All vehicles, equipment, and machinery from known weed infested areas are to be cleaned and inspected for weeds prior to attending either the DGF or SOF	Not Applicable	No equipment was mobilised to sites from known weed infested areas, therefore the Environmental Performance Standard (EPS) was not triggered.
		Clearing for maintenance activities is only to occur in previously disturbed areas or areas that do not contain significant flora or is habitat for significant fauna	Not Applicable	No clearing was undertaken during the reporting period; therefore, the EPS was not triggered.
		Weed Management Plan implemented	Compliant	The weed management plan has been implemented, through periodic lease area reviews and annual surveys (Feb 2023). Also proactive weed spraying / removal, as well as training and induction of personnel also took place throughout the year as required.
		Evaporation pond is located within the fenced compound	Compliant	Annual inspections confirmed that the fencing around the evaporation pond at the DGF. There is not evaporation pond at SOF.
2	CP's activities: <ul style="list-style-type: none"> ▪ Avoid and control soil erosion / sedimentation. ▪ Maintain the viability of soil through preventing contamination 	Requirement for erosion and sediment control devices (e.g. berms, sediment fences) is determined during site audits. Where determined from the audit that they are necessary they will be in line with best practice guidelines by DEPWS and IECA	Compliant	Area and environmental inspection records confirmed that erosion and sedimentation control devices were in place and compliant with DEPWS and IECA best practice guidelines. Incident management system records did identify some instances of erosion which were remediated and closed out in our maintenance system.
		Avoid driving on access tracks for 24 hours following significant rainfall events (i.e. >10mm in 24 hours)	Compliant	Daily toolbox meeting records across the year captured rain events and instructions to all personnel regarding driving conditions and roads and tracks to avoid.

No	Environmental Outcome	Environmental Performance Standard	Compliance Status	Evidence
		Site inspections to be undertaken quarterly and within 5 business days of a significant rainfall event to assess erosion / sedimentation issues	Compliant	Quarterly environmental and weekly ⁵ operator inspections and were undertaken and any instances of erosion and sedimentation issues were captured. For any identified remediation necessary work orders were raised and completed in the maintenance system.
		Conduct Job Hazard Analysis for any new task or new use of equipment to ensure appropriate control measures are identified	Compliant	Maintenance and permit to work records identified that all new tasks were supported by a job hazard analysis undertaken in planning the job. The analysis includes details of the controls to be implemented to perform the job safely.
		Driving only to occur within infrastructure areas.	Compliant	Incident management system did not identify any instances of driving outside of infrastructure areas during the reporting period.
		Portable spill containment equipment (e.g. spill trays) to be available at each of the sites	Compliant	Quarterly inspections confirmed that spill containment equipment (e.g. spill trays) was available.
		Minimal volumes of fuels, oils, and other chemicals to be stored on site while the site is not operational	Compliant	Quarterly environmental inspections confirmed that only minimal volumes of fuels, oils and other chemicals were being stored at DGF. No fuels or chemicals are stored at SOF.
		Ensure appropriate measures are in place (e.g. lining, bunding) to prevent fluids or other waste chemical and/or hydrocarbon fluids from contaminating land	Compliant	Quarterly DGF inspections confirmed that all chemical and hazardous substances stored on site were in accordance with safety data sheet guidance to avoid any potential land contamination. No hazardous fuels or chemicals are stored at SOF.
		Weekly inspections to be undertaken of facilities and equipment for leaks/spills. Where leaks and spills are identified, corrective actions are raised, and repairs are undertaken in a timeframe commensurate with the risk of environmental harm escalating if not repaired	Compliant	Weekly area inspections were undertaken at DGF of all facilities and equipment. With quarterly inspections undertaken at SOF as the facility is not operational. If any remediation was identified work orders were raised and completed.
		Implement fuel and chemical handling and storage procedure	Compliant	Quarterly environmental inspections and confirmed that only minimal volumes of fuels and other chemicals were being stored at DGF. However, for those stored, procedures are in place. No fuels are stored at SOF.

⁵ DGF only

No	Environmental Outcome	Environmental Performance Standard	Compliance Status	Evidence
		Risk assessment of road conditions for heavy vehicle transport will be conducted prior to mobilisation on unsealed roads using detailed weather forecasting	Not Applicable	No heavy vehicles / equipment mobilised to site, therefore the EPS was not triggered.
		Provide spill response kits appropriate for the types of spills possible at each facility	Compliant	Quarterly inspections at DGF confirmed that spill containment equipment (e.g. spill trays/spill kits) were available. Spill response kits are kept at Surprise despite being non-operational.
		Follow the appropriate Australian Standards and Code of Practice for the fuel / chemical being stored and used at the facility	Compliant	Quarterly inspections confirmed that all chemical and hazardous substances stored on site were in accordance with Australian standards and guidance provided in safety data sheets at DGF. No chemicals or fuels are being stored at Surprise.
		On-site SDS and handling procedures for fuel / chemicals to be available at each facility	Compliant	Quarterly inspections confirmed that all chemical and hazardous substances stored on site had safety data sheet available at DGF. No chemicals or fuels are being stored at Surprise.
		Pumps, tanks, and transfer lines are to be located within suitably bunded areas (not applicable to temporary infrastructure)	Compliant	Environmental / area inspection and incident management system records did not identify any pumps, tanks, and transfer lines, etc outside of bunded areas.
		Minimum 500mm freeboard to be available within the evaporation pond	Compliant	Daily production reports confirmed freeboard remained greater than the minimum 500mm requirement during the reporting period.
		Pond level to be inspected each quarter and after significant rainfall event. Where the freeboard is less than 500mm, it is to be reduced by offsite transportation and disposal by a licensed waste transporter	Compliant	Daily inspections confirmed that there was a minimum 500mm freeboard maintained in the evaporation ponds. There was no need to remove excess water during the year. As freeboard is checked daily significant rain events freeboard levels were inadvertently checked post event.
		Wastes stored in secured containers, with liquid wastes stored in a bunded area	Compliant	Quarterly environmental / area inspections as well as incident management system records did not identify any waste being stored in unsecured containers or non-bunded areas.
		All personnel attending the DGF, and SOF will be inducted on speed limits, times to avoid driving, correct waste storage, segregation, and disposal	Compliant	Site induction records identified that all employees and contractors were inducted prior to or upon arrival at site. Incident management system records did not identify any employees and contractors who were not inducted. Induction materials outline speed limits and times to avoid driving.

No	Environmental Outcome	Environmental Performance Standard	Compliance Status	Evidence
		Removal of listed wastes for off-site disposal to be via an NT EPA approved contractor	Compliant	All waste removed from site and disposed of was recorded in the waste register. There were no instances identified of listed waste being disposed not in accordance with the NT EPA requirements.
3	Avoid the discharge of sediment or contaminated surface water into waterways.	Requirement for erosion and sediment control devices (e.g. berms, sediment fences) is determined during site audits. Where determined from the audit that they are necessary they will be in line with best practice guidelines by DEPWS and IECA	Compliant	Area and environmental inspection records confirmed that erosion and sedimentation control devices were in place and compliant with DEPWS and IECA best practice guidelines. Incident management system records did identify some instances of erosion which were remediated and closed out in our maintenance system.
		Conduct Job Hazard Analysis for any new task or new use of equipment to ensure appropriate control measures are identified	Compliant	Maintenance and permit to work records identified that all new tasks were supported by a job hazard analysis undertaken in planning the job. The analysis includes details of the controls to be implemented to perform the job safely.
		Site inspections to be undertaken quarterly and within 5 business days of a significant rainfall event to assess erosion / sedimentation issues	Compliant	Quarterly and weekly ⁶ operator inspections were undertaken, and any instances of erosions and sedimentation issues were captured. For any identified remediation necessary work orders were raised and completed in the maintenance system.
		Final constructed surface of infrastructure is above 1 in 100-year flooding events	Not Applicable	No new infrastructure was constructed during the reporting period. Therefore, the EPS was not triggered.
		If water is required from a local groundwater bore approvals will be obtained	Not Applicable	No water was taken from local groundwater bores, therefore the EPS was not triggered.
		Ensure appropriate measures are in place (e.g. lining, bunding) to prevent fluids or other waste chemical and/or hydrocarbon fluids from contaminating water	Compliant	Quarterly inspections at DGF confirmed that all chemical and hazardous substances stored on site were in accordance with safety data sheet guidance to avoid any potential water contamination. All tanks previously containing chemical or hydrocarbons at SOF are located in bunded areas.
		Weekly inspections to be undertaken of facilities and equipment for leaks/spills. Where leaks and spills are identified, corrective actions are raised, and repairs are undertaken in a timeframe	Compliant	Weekly area inspections were undertaken at DGF of all facilities and equipment. With quarterly inspections undertaken at SOF as the facility is not operational. If any remediation was identified work orders were raised and completed.

⁶ DGF only

No	Environmental Outcome	Environmental Performance Standard	Compliance Status	Evidence
		commensurate with the risk of environmental harm escalating if not repaired		
		Monitor facility pressure for quick identification of any source of leak or rupture	Compliant	Wellhead and pipeline pressures were monitored in real time through our production management system. In addition, regular lease reviews were undertaken. These reviews are scheduled, and the outcome recorded in our maintenance management system. Well head pressure is monitored quarterly at SOF.
		Well inspections to include tubing and annulus pressures checks and evidence of communication	Compliant	Well inspections undertaken on a risk basis during the reporting period include tubing and annulus pressures checks to identify any evidence of potential communication. Area inspection records did not identify any evidence of communication.
		Install, maintain, and routinely test BOPs and related well control equipment on all workover rigs	Not Applicable	No workovers were undertaken during the year, therefore the EPS was not triggered.
		Well to be managed in accordance with a Well Operation Management Plan (WOMP)	Compliant	All wells are being managed in accordance with the current well management plans. Updated WOMPs have been submitted to DITT however are yet to be approved.
		Wastes stored in secured containers, with liquid wastes stored in a bunded area	Compliant	Quarterly environmental / area inspections as well as incident management system records did not identify any waste being stored in unsecured containers or non-bunded areas. Wastes are not stored at SOF
		Waste storage bunded area not located in a flood prone area	Compliant	Waste storage areas are not located in areas which were potentially flood prone. This was confirmed during environmental assessment undertaken during EMP development.
		Provide spill response kits appropriate for the types of spills possible at each facility	Compliant	Quarterly inspections confirmed that spill containment equipment (e.g. spill trays) were available at each site.
		Follow the appropriate Australian Standards and Code of Practice for the fuel / chemical being stored and used at the facility	Compliant	Quarterly inspections confirmed that all chemical and hazardous substances stored on site were in accordance with Australian standards and guidance provided in safety data sheets.
		Minimum 500mm freeboard to be available within the evaporation pond	Compliant	Daily inspections captured in production reports confirmed that there was a minimum 500mm freeboard maintained in the evaporation ponds.

No	Environmental Outcome	Environmental Performance Standard	Compliance Status	Evidence
		Pond level to be inspected each quarter and after significant rainfall event. Where the freeboard is less than 500mm, it is to be reduced by offsite transportation and disposal by a licensed waste transporter	Compliant	Daily inspections captured in production reports confirmed that there was a minimum 500mm freeboard maintained in the evaporation ponds. There was no need to remove excess water during the year.
		Minimal volumes of fuels, oils, and other chemicals to be stored on site while the site is not operational	Compliant	Quarterly inspections confirmed that only minimal volumes of fuels, oils and other chemicals were being stored.
		Wastes stored in secured containers, with liquid wastes stored in a bunded area	Compliant	Quarterly environmental / area inspections as well as incident management system records did not identify any waste being stored in unsecured containers or non-bunded areas.
		Pumps, tanks, and transfer lines are to be located within suitably bunded areas (not applicable to temporary infrastructure)	Compliant	Quarterly environmental / area inspections and incident management system records did not identify any pumps, tanks, and transfer lines, etc outside of bunded areas.
4	CP's activities do not create a measurable decrease in air quality at sensitive receptors through: <ul style="list-style-type: none"> ▪ Dust generation ▪ Emissions (gas leaks) 	Implement dust control measures where appropriate including water trucks	Not Applicable	No instances during the reporting period where dust control measures were needed. Therefore, the EPS was not triggered.
		Vegetation in no-use area to be left undisturbed	Compliant	No activities were undertaken outside of disturbed areas, hence vegetation was left undisturbed.
		Outside of firebreak areas, Low ground cover (<10cm) to be maintained on low traffic areas and around well heads to maintain fire safety while minimising dust.	Compliant	Area inspections records confirmed that fire breaks were maintained to keep at least 4m clear around all infrastructure. If any remediation was identified work orders were raised and completed.
		Speed limited on access tracks within the DGF and SOF to 60km/hr	Compliant	Incident management system did not identify any instances of vehicles speeding. Speed limits are posted and included in site traffic management plans.
		Use of non-intrinsically safe material only allowed inside the facilities if accompanied by a gas detector and the appropriate permit	Compliant	Maintenance and permit to work records identified that only intrinsically safe material was used in the facilities. All work was supported by a job hazard analysis undertaken when planning the job. The analysis included details of the controls to be implemented to perform the job safely in these cases it included the use of gas detectors.

No	Environmental Outcome	Environmental Performance Standard	Compliance Status	Evidence
		Monitor facility pressure for quick identification of any source of leak or rupture	Compliant	Wellhead and pipeline pressures were monitored in real time through our production management system. In addition, regular lease reviews (weekly for DGF and quarterly for SOF) were undertaken. These reviews are scheduled, and the outcome recorded in our maintenance management system.
		Well inspections to include tubing and annulus pressures checks and evidence of communication	Compliant	Well inspections undertaken on a risk basis during the reporting period include tubing and annulus pressures checks to identify any evidence of potential communication. Area inspection records did not identify any evidence of communication.
		Install, maintain, and routinely test BOPs and related well control equipment on all workover rigs	Not Applicable	No workovers were undertaken during the year, therefore the EPS was not triggered.
		Well to be managed in accordance with a Well Operation Management Plan	Compliant	All wells are being managed in accordance with the current well management plans. Updated WOMPs have been submitted to DITT however are yet to be approved.
		Weekly inspections to be undertaken of facilities and equipment for leaks/spills. Where leaks and spills are identified, corrective actions are raised, and repairs undertaken in a timeframe commensurate with the risk of environmental harm escalating if not repaired	Compliant	Weekly area inspections were undertaken at Dingo of all facilities and equipment. With quarterly inspections undertaken at Surprise as the facility is not operational. If any remediation was identified work orders were raised and completed.
5	CP's activities are not the cause of fires in the region	4m fire breaks maintained around fixed surface assets.	Compliant	Area inspections records confirmed that fire breaks were maintained to keep at least 4m clear around all infrastructure. If any remediation was identified work orders were raised and completed.
		Only diesel is to be stored onsite	Compliant	Quarterly inspections confirmed that only diesel was being stored onsite. No diesel is stored at DGF
		Smoking is only permitted in designated smoking areas.	Compliant	Incident management system records did not identify any instances of smoking outside of designated areas.
		Conduct Job Hazard Analysis for any new task or new use of equipment to ensure appropriate control measures are identified and to take account of variation in fire danger ratings	Compliant	Maintenance and permit to work records identified that all new tasks were supported by a job hazard analysis undertaken in planning the job. The analysis includes details of the controls to be implemented to perform the job safely.

No	Environmental Outcome	Environmental Performance Standard	Compliance Status	Evidence
		When attending a site conduct daily toolbox meetings with on-site personnel regarding current fire danger, presence of fire in the area and current vegetation condition	Compliant	Fire awareness and preparedness is covered as part of toolbox meetings and as part of the induction. Vegetation condition is noted as part of quarterly inspections.
		Inductions to include information on the designated smoking areas, fire extinguisher locations and emergency response plan.	Compliant	Induction provides information to support the emergency response plan, including fire safety.
		Fire extinguisher to be available in any vehicle which visits the DGF or SOF	Compliant	Fire extinguishers are standard safety equipment in all CP vehicles. Prestart checklists require fire extinguishers to be present and checked before each journey.
		Hazardous zones for each well determined in accordance with the relevant Australian Standard	Compliant	Area / lease inspections records confirmed that all hazardous areas were clearly identified using signage and require specific conditions prior to entry. All hazardous areas are aligned with Australian standards.
		Only equipment authorised within the hazardous zone is used whilst on site	Compliant	Job hazard analysis and permit to work orders have been reviewed to ensure only authorised equipment is used in hazardous areas.
6	CP's activities avoid disturbance to or damage heritage artefacts, sacred sites, or non-indigenous heritage sites	All activities undertaken in accordance with the conditions of the relevant AAPA certificate.	Compliant	A review of AAPA certificate conditions identified that there were no activities undertaken outside of the agree scope of works.
		Site inductions to include information on location of known cultural and heritage sites and process for unexpected finds	Compliant	Site induction records identified that all employees and contractors were inducted prior to or upon arrival at site. Incident management system records did not identify any employees and contractors who were not inducted. Induction materials include information on cultural and heritage sites and process for unexpected finds.
		Where known cultural heritage sites are within 50m of maintenance earthworks, the site will be delineated with bunting or similar	Not Applicable	No maintenance works were undertaken within 50m of a cultural heritage site. There the EPS was not triggered.
		No earthworks to be conducted after sunset or before sunrise	Not Applicable	A review of the permit to work records did not identify any civil works undertaken outside of daylight hours. Therefore, the EPS was not triggered.

No	Environmental Outcome	Environmental Performance Standard	Compliance Status	Evidence
		Journey management plan approved by CP	Compliant	Journey management records for the period confirmed that all applicable journeys were planned and approved prior to commencement.
		Personnel access to the facility and any site/area by permit approved by the CLC and CP	Compliant	A review of site access records confirmed all personnel attending site were included under the CLC permit. Site induction records identified that all employees and contractors were inducted prior to or upon arrival at site. Incident management system records did not identify any employees and contractors who were not inducted.
7	CP's activities do not negatively impact on: <ul style="list-style-type: none"> Capacity of road infrastructure up to and within the DGF / SOF Community relationships Safety risks to the community 	All personnel and site visitors to have appropriate CLC approval and complete the appropriate inductions.	Compliant	A review of site access records confirmed all personnel attending site were included under the CP's CLC permit. Site induction records identified that all employees and contractors were inducted prior to or upon arrival at site. Incident management system records did not identify any employees and contractors who were not inducted.
		A full stakeholder consultation log will be maintained by CP	Compliant	CP conducted annual engagement with stakeholders during the reporting period with the details and outcomes recorded in the stakeholder communications log.
		Early and ongoing community consultation and engagement approach	Compliant	CP conducted annual engagement with stakeholders during the reporting period with the details and outcomes recorded in the stakeholder communications log.
		Local communities and stakeholders advised of CP contact number through multiple channels	Compliant	CP contact details (phone, fax email) are available on our website. Also prior to any major works notices / flyers are provided to identified stakeholders.
		Consult with surrounding stakeholders when major operations will occur	Compliant	Stakeholder communications log records indicated CP's continued engagement with identified stakeholders. Meeting records did not identify any comments related to operations which needed to be assessed or corrective actions implemented.
		CP approved Traffic Management Plan in place	Compliant	Traffic management plans are in place and operational for all CP sites.
		Transportation of over-width or over-dimension loads under approved Department of Transport permit	Not Applicable	No heavy vehicles / equipment mobilised to site, therefore the EPS was not triggered.
		No unauthorised third-party access to infrastructure	Compliant	Incident management system records did not identify any instances of unauthorised access to site.

No	Environmental Outcome	Environmental Performance Standard	Compliance Status	Evidence
		Routine alcohol and/or drugs testing for anyone attending the sites	Compliant	Random drug and alcohol testing was undertaken periodically during the reporting period. A review of incident management system and testing records did not identify any incidents or positive tests.
		Personnel are appropriately licensed to perform works	Compliant	All CP personnel are appropriately licenced to perform works. CP pre-qualifies contractors who undertake work on site. All personnel are inducted prior to / or upon arrival at site.
		Journey management plan approved by CP	Compliant	Journey management records for the period confirmed that all applicable journeys were planned and approved prior to commencement.

2.3 Mandatory Reporting Requirements

Table 4 demonstrates CP’s compliance with the reporting requirements under the *Petroleum (Environment) Regulations 2016* (NT) Schedule 1, item 11(2), which requires all information required to be recorded, monitored, or reported, to be provided. Where relevant, CP also confirms that all records, monitoring or required reporting under the *Petroleum (Environment) Regulations 2016* (NT) has been provided to DEPWS or the relevant NTG agency except for the elements highlighted in Table 2-3.

Table 4: Compliance with Mandatory Reporting Requirements

No	Reference	Requirement	Compliance Status	Evidence
1	Code cl A.3.5	Geospatial information depicting areas cleared is to be provided to the Minister.	Not Applicable	No areas were cleared during the reporting period.
2	Code cl A.3.6 (b)	Weed management plan developed as part of the EMP must provide for ongoing weed monitoring.	Compliant	The weed management plan was implemented, and monitoring and management was conducted during the reporting period.
3	Code cl A.3.7(a)vi	The fire management plan developed as part of the EMP must provide for annual fire mapping to monitor changes to fire frequency in the relevant areas.	Compliant	The fire management plan includes annual review of the fire mapping. The review was undertaken the risk was reviewed. The risks and mitigations, environmental outcomes, and environmental performance standards in the EMP remain appropriate.
4	Code cl A.3.9(c) Code cl A.3.9(e)	The rehabilitation plan requires progressive rehabilitation of significantly disturbed land 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.	Compliant	Rehabilitation activities were undertaken within the SOF as per the requirement for progressive rehabilitation under the Code. Refer to 2023 Rehabilitation Report.

No	Reference	Requirement	Compliance Status	Evidence
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.	Not Applicable	No hydraulic fracture stimulation and flowback operations conducted.
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.	Not Applicable	No venting occurs at either DGF or SOF.
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 DPIR.	Compliant	Well barrier reports were submitted to DITT for all DGF wells in March 2023. SOF WBIVs are planned to be submitted in December 2023 as per the timeline discussed and agreed with DITT.
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.	Not Applicable	No decommissioning of wells in reporting period.
9	Code cl B.4.17.2(d)	Any guidelines published by the Northern Territory Government from time to time relating to reporting and data submission, and groundwater monitoring data standards must be followed.	Compliant	Groundwater Management Plan submitted to DEPWS was aligned with guideline requirements despite guidance being for the Beetaloo. Groundwater monitoring undertaken in accordance with the guideline. Review of groundwater requirements is conducted as part of the document review process during groundwater monitoring events.
10	Code cl C.3(e)	The components of the wastewater management framework, include monitor, manage, and report in accordance with the Wastewater Management Plan and Spill Management Plan.	Not Applicable	Wastewater from the DGF is managed at the BECGS Facility and is not covered under the approved FEMP. No wastewater is being produced at the SOF as its currently suspended.

No	Reference	Requirement	Compliance Status	Evidence
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	Not applicable	Wastewater from the DGF is managed at the BECGS Facility and is not covered under the approved FEMP. No wastewater is being produced at the SOF.
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.	Not applicable	A wastewater management plan is not required as wastewater as defined under the code is not managed under the approved FEMP.
13	Code cl D.4.3.2(f)	A written report detailing the levels of methane measured, the duration of the unusual readings and the results of the investigation must be submitted within one month of the significantly higher-level methane event being detected.	Not Applicable	The scope of Section D of the Code of Practice is focused on the onshore shale gas activities, not conventional gas activities. Nevertheless, mandated reporting has been conducted where applicable as part of wider reporting programs.
14	Code cl D.5.9.2(c)	Emissions from exploration, well construction (including during flowback) and workovers must be measured, and reports submitted.	Not applicable	The scope of Section D of the Code of Practice is focused on the onshore shale gas activities, not conventional gas activities. Nevertheless, mandated reporting has been conducted where applicable as part of wider reporting programs.
15	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.	Not Applicable	The scope of Section D of the Code of Practice is focused on the onshore shale gas activities, not conventional gas activities. Nevertheless, mandated reporting has been conducted where applicable as part of wider reporting programs.
16	Code cl D.6.1	All mandated government reporting is complied with; and all detectable leaks and emissions are reported on an annual basis.	Not Applicable	The scope of Section D of the Code of Practice is focused on the onshore shale gas activities, not conventional gas activities. Nevertheless, mandated reporting has been conducted where applicable as part of wider reporting programs. Leak detection program conducted. Any leaks are reported and managed through incident management system.
17	Code cl D.6.2(a)	Reports of baseline assessments must be submitted at the conclusion of each field campaign.	Not Applicable	The scope of Section D of the Code of Practice is focused on the onshore shale gas activities, not conventional gas activities. Nevertheless, mandated reporting has been conducted where applicable as part of wider reporting programs

No	Reference	Requirement	Compliance Status	Evidence
18	Code cl D.6.2(b)	Emissions reporting must be in accordance with Section D.5.6. Emissions associated with venting and flaring as described in Section D.5.9 must be provided separately to the Northern Territory Government in accordance with this Code.	Not Applicable	The scope of Section D of the Code of Practice is focused on the onshore shale gas activities, not conventional gas activities. Nevertheless, mandated reporting has been conducted where applicable as part of wider reporting programs. No venting or flaring is conducted at the DGF or SOF.
19	PER 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.	Not Applicable	FEMP is currently in force. No notification has been made to the Minister that the activity is no longer being carried out.
20	PER Reg 37A	A report about flowback fluid from hydraulic fracturing must be provided to the Minister within 6 months of the flowback occurring.	Not Applicable	The regulated activity did not include hydraulic fracturing.
21	PER Reg 37B	A report about produced water from hydraulic fracturing must be provided to the Minister within 6 months of the produced water being extracted.	Not Applicable	The regulated activity did not include hydraulic fracturing.
22	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, drilling, or seismic surveys.	Not Applicable	No construction, drilling or seismic survey activities were conducted, therefore no notification necessary.
23	PER Reg 33	DEPWS is notified of reportable incidents within 2 hours of the interest holder becoming aware of the incident, or within 2 hours of the incident occurring. A written report must be provided within 24 hours if the initial report was made orally.	Not Applicable	CP did not have any reportable incidents resulting from activities outlined in the FEMP.

No	Reference	Requirement	Compliance Status	Evidence
24	PER Reg 34	Reports on reportable incidents are to 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/clean-up of the affected area.	Not Applicable	CP did not have any reportable incidents resulting from activities outlined in the FEMP.
25	PER 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.	Compliant	All recordable incidents reports were submitted as required for the approved EMP from commencement of approval as follows: <ul style="list-style-type: none"> July to September 22 October to December 22 January to March 23 April to June 23
26	Schedule 1, item 11(2)	Environmental report to be submitted to DITT / DEPWS annually	Compliant	This is the annual environmental performance report for the DGF and SOF FEMP.
27	NPI Measure 1998 (Cth) s 9 / Waste Management and Pollution Control Act 2003 (NT)	The occupier of each reporting facility is to be required to provide information to the NPI if a reporting threshold for a substance is exceeded	Not Applicable	No reporting necessary as CP did not have any substances where thresholds were exceeded.
28	National Greenhouse and Energy Reporting Act 2007 s 19	A registered corporation must provide a report to the Greenhouse and Energy Data Officer relating to the greenhouse gas emissions, energy production and energy consumption from the operation of facilities under the operational control of the corporation and entities that are members of the corporation's group, during that financial year	Compliant	Reporting greenhouse gas emissions for the DGF and SOF was undertaken in accordance with the <i>National Greenhouse and Energy Reporting Act 2007</i> and is pending submission to the Clean Energy Regulator for the FY22 NGERs reporting period.
29	PER Schedule 1 Item 9(2)	Interest holders are required to conduct future engagement with stakeholders, in accordance with the description in the EMP.	Compliant	CP conducted annual engagement with stakeholders during the reporting period with the details and outcomes recorded in the stakeholder communications log.

3.0 Summary of Compliance

3.1 Overview of Compliance

Table 5 provides a summary of the results of the compliance assessment against the 118 total compliance items.

Table 5: Compliance Summary

Compliance Indicator	Number	Percentage
Compliant	86	73%
Non-Compliant	0	0%
Not Applicable	32	27%

3.2 Overview of Items Found Not Compliant or Partially Compliant

The following sections describe:

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

3.2.1 Environmental Performance Standards

No non-compliant environmental performance standards were identified during the review of annual environmental performance.

3.2.2 Regulatory Reporting

No reporting requirements were found to be non-compliant or partially compliant.

3.3 Application of Lessons Learned Across CP Onshore Interests

CP continues to refine processes and procedure to ensure compliance with the Code of Practice and the obligations of the FEMP. Ongoing communication is occurring across the organisation to raise awareness of the requirements of the FEMP and the environmental performance standards.