

Modification Notice - Regulation 22

If the modification to the regulated activity has already occurred, a regulation 22 modification notice is not applicable.

Interest Holder:	Central Petroleum Limited	EMP Title:	Palm Valley Development Wells - PV-14 / PV-15 - Environment Management Plan	Unique EMP ID No.	CTP10-2	Mod No.	3	Date	19/03/2026
Brief Description	<p>This modification seeks approval to replace the construction of lined “turkeys nest” water storage dams at each of the PV14 and PV15 well pads with temporary above-ground water storage tanks for the duration of the drilling campaign. The removal of turkey’s nest dams eliminates excavation, liner installation, and associated rehabilitation works, resulting in a material decrease in environmental disturbance. The water storage capacity of the turkeys nests (up to 0.8ML) originally proposed will be accommodated by a series of modular temporary water storage tanks.</p> <p>The second modification to the EMP seeks to remove the requirement for trenching around the mud tank to divert discharge to the sumps due to the hard rock present at each site and the requirement to box trench the mud sump liners . The digging of the trenches would compromise the integrity of the more important sump liners. To ensure the risk of fluid discharge onto the lease from the mud tanks or accidental dumping of muds, all valves facing onto the lease area will be locked out and tagged. The only dump valves remaining in use will all discharge directly into the lined drilling sumps.</p>								
Geospatial Files Included?	No – representative geospatial files will be supplied within 30 days upon completion of civils works for each well pad (as per EMP approval Condition 2)								

Does the proposed change result in a new, or increased, potential or actual environmental impact or risk?	If an INCREASE in an existing potential or actual environmental impact or risk, is the increase provided for in the approved EMP?	Does the proposed change require additional mitigation measures to ensure it is managed to ALARP and acceptable levels?	Has additional stakeholder engagement been conducted?	Does the proposed change require additional environmental performance standards or measurement criteria?	Does the proposed change affect compliance with Sacred Site Authority Certificates?	Does the proposed change affect any sub-plans to the EMP?	Will the environmental outcome continue to be achieved?
<i>Attach supporting information to support all answers to the above questions</i>							
Refer to completed responses below	N/A	Refer to completed responses below	Refer to completed responses below	Refer to completed responses below	Refer to completed responses below	Refer to completed responses below	Refer to completed responses below
Current EMP Text				Amended EMP Text			
<p>1.4 Scope</p> <ul style="list-style-type: none"> Construction of well site infrastructure including hardstand; engineered and high-density polyethylene (HDPE) lined turkey nests for water storage and drilling sump, lined (and hydrotested) flare pit, temporary worksite sheds and turnarounds 				<p>1.4 Scope</p> <ul style="list-style-type: none"> Construction of well site infrastructure including hardstand; temporary above-ground water storage tanks for operational water storage (maximum combined capacity of 0.8 ML per well pad); engineered and high-density polyethylene (HDPE) lined drilling sump; steel lined (and hydrotested) flare pit; temporary worksite sheds; and turnarounds. 			
<p>3.3.2 Well site construction and ancillary works</p> <ul style="list-style-type: none"> Construction of temporary 0.8 ML capacity, impervious HDPE-lined turkey nest for freshwater storage for drilling operations. Installation of temporary fencing at the well site work area, including drilling sump, flare pit and water storage. 				<p>3.3.2 Well site construction and ancillary works</p> <ul style="list-style-type: none"> Installation of temporary upto 0.8 ML capacity, above ground water tanks for freshwater storage for drilling operations. Installation of temporary fencing at the well site work area, including drilling sump and flare pit. Mud tanks: To prevent uncontrolled discharge, all mud tank dump valves will be fitted with lock-out devices and seal tags. Valves will remain locked 			

<ul style="list-style-type: none"> All drains/trenches will be constructed around the mud tanks to direct potential overflow to the flare pit, which has a capacity of 0.18 ML, enough to contain 180% of the volume of the mud tanks. 	<p>in the closed position unless discharge is required and authorised. Upon completion of discharge via the valve it will be locked and the tag seal replaced.</p>
<p>3.9.8.1 Air, Nitrogen and Aqueous Batch mixing of the fluid chemicals occurs within steel mud tanks, which will be placed within temporary HDPE inflatable bunds to ensure secondary containment of any spills. Chemicals will be added to the drilling mud (water) using the mixing hopper and returned to the mud tanks. As per Section 3.3.2, a lined drain/trench will also be constructed around the mud tanks to direct potential overflow to the clay-lined, hydrottested flare pit, which has a capacity of 0.18 ML, which is enough to contain 180% of the volume of the mud tanks.</p>	<p>3.9.8.1 Air, Nitrogen and Aqueous Batch mixing of the fluid chemicals occurs within steel mud tanks, which will be placed within temporary HDPE inflatable bunds to ensure secondary containment of any spills. Chemicals will be added to the drilling mud (water) using the mixing hopper and returned to the mud tanks. As per Section 3.3.2, a mud tank discharge valves will be locked and tagged to ensure there is no accidental or unauthorised discharge of muds into secondary containment.</p>

Submit this notice and supporting information to Onshoregas.depws@nt.gov.au

Completed Responses – Regulation 22 Modification

Geospatial Files Included?

No. The modification does not alter the approved disturbance footprint. Proposed tanks holding potable water will be placed within the approved well pad footprint shown in the EMP and their location will be documented in the geospatial files submitted upon completion of civil works as per EMP approval Condition 2.

No geospatial files are applicable for the switch to lock out and tags on mud tanks

Environmental Impact / Risk

The proposed change does not result in a new or increased environmental impact or risk. Instead, it reduces disturbance by removing the need for excavation synthetic liners and additional civils works to fill in turkeys nests during rehabilitation.

Given the mud tanks are housed within an HDPE inflatable bund acting as secondary containment, no additional risk is associated with the amendment to mud tank management.

Mitigation Measures

Temporary above-ground tanks holding potable water will be located within the approved well pad footprint, placed on stable ground, and removed at completion. Existing spill management controls apply.

All current mitigation measures relating to mud tank management remain the same.

Stakeholder Engagement

No additional stakeholder engagement is required as disturbance boundaries and sacred site compliance remain unchanged.

Environmental Performance Standards

No additional performance standards or measurement criteria are required.

Sacred Site Compliance

No impact to Sacred Site Authority Certificates.

Sub-Plans Affected

No. The change to temporary above ground water storage for potable water does not impact any of the original environmental sub-plans contained in the original EMP submission.

Environmental Outcome

Yes. Environmental outcomes will continue to be achieved, with reduced disturbance, reduced plastic liner usage, reduced rehabilitation requirements and lock outs / seal tags on mud tanks dump valves.