

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	EMP Title	Mereenie Development Field EMP	Unique EMP ID No.	CTP6-4	Mod No.	3	Date	10/7/2025
<p>Brief Description</p>	<p>This Regulation 22 modification is seeking to amend the Mereenie Field EMP to include a change in the technique of dust suppression as well as addition of the required dust suppression chemicals. This modification also seeks to remove all references to Brewer Estate Crude Oil Terminal Yard as the asset has been sold.</p> <p><u>Dust Suppression</u></p> <p>In the EMP (CTP6-4) currently dust suppression is limited to the use of treated water and bore water and there are no provisions for dust suppression chemicals to be used.</p> <p>Dust generation is a significant environmental concern in oil and gas fields, particularly during drilling, excavation and transportation activities. High levels of dust can degrade air quality, pose health risks to workers and local communities, and impact surrounding ecosystems. The use of dust suppression chemicals provides an effective solution to mitigate airborne particulate matter. These chemicals help to reduce dust dispersion by binding particles, ensuring that they settle quickly to the ground and preventing them from becoming airborne again due to wind or operational activities.</p> <p>By incorporating dust suppression chemicals, oil and gas operators can minimise the environmental impact of their operations, enhance worker safety, comply with regulatory standards and reduce the potential for respiratory issues and visibility impairment. Furthermore, effective dust management helps in maintaining the integrity of surrounding vegetation and habitats, contributing to overall environmental sustainability.</p> <p>In oil and gas fields, roadways are often subjected to heavy vehicle traffic, especially in remote or undeveloped areas. These roads can generate significant amounts of dust, which not only affects air quality but also poses multiple challenges for both workers and the surrounding environment. Dust on roads can impair visibility, create unsafe driving conditions and contribute to respiratory issues for workers and nearby communities.</p> <p>The use of dust suppression chemicals on these roads is essential to mitigate these risks. These chemicals help to bind dust particles together, preventing them from becoming airborne due to vehicle movement or wind. By applying dust control agents, operators can reduce the amount of particulate matter in the air, which in turn improves visibility, lowers the risk of health problems and ensures safer driving conditions for all personnel on-site.</p> <p>Moreover, controlling dust on roads also helps protect the integrity of surrounding ecosystems by minimising soil erosion, preventing dust deposition on vegetation and reducing potential contamination of water sources. Using dust suppression chemicals also cuts down on unsustainable long-term water use.</p> <p>The chemicals will be stored in a bunded chemical storage area adjacent to the Mereenie stores facility. The chemicals will be stored in 1000L (IBC) containers.</p>								



	<p>The outcome of this modification and attached risk assessment (Attachment 1) is that there is no effecting change in environmental risk due to the control measures in place to manage loss of containment.</p> <p><u>Brewer Estate Crude Oil Terminal Yard</u></p> <p>Central Petroleum sold Brewer Estate Crude Oil Terminal Yard on 17 April 2025. Subsequently we require an administrative change to the EMP to remove all references to Brewer Estate Crude Oil Terminal Yard. See Amended EMP Text (below) and Attachment 2.</p>
Geospatial Files Included?	No

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>							
No	N/A	No additional mitigation measures are considered necessary. Both the environmental risk and the impact is minor.	No. The updated chemicals list does not impact any stakeholders and adequate stakeholder engagement has been conducted previously. If anything, it will assist in visibility on access roads for all users.	No additional environmental performance standards and measurement criteria are required. A review of the existing standards and criteria in the EMP identified that all elements will be able to be met, and the proposed works will not impact compliance.	No. The proposed modification scope does not impact any Sacred Sites or current Authority Certificates.	Yes, the spill management plan requires the Spill Scenarios and Management to be updated (see below).	Yes

DUST SUPPRESSION					
Current EMP Text			Amended EMP Text		
3.9.2 Chemical Storage and use			3.9.2 Chemical Storage and use		
Table Error! No text of specified style in document. -1 Typical chemicals used during operations and workovers			Table Error! No text of specified style in document. -2 Typical chemicals used during operations and workovers		
Substance	Hazardous material	Dangerous goods	Substance	Hazardous material	Dangerous Goods
Anti-corrosives	Yes	Yes	Triple 7 Dust Suppression Plus	No	No
Adhesives/glues	Yes	No	Triple 7 Dust Suppression Nova	No	No
Acetone	Yes	Yes	Polycom Compaction & Stabilisation Aid	No	No
Thinners	Yes	Yes	Titan Liquid Polymer Pavement Stabiliser	No	No
Acetylene	Yes	Yes			
Biocides	No	No			
Truck wash	Yes	No			
Priming fluids	Yes	Yes			
Diesel	Yes	Yes			
Pipe cement	Yes	Yes			
Degreaser	Yes	Yes			
Paint	Yes	Yes			
Soaps	No	No			
Sealant	No	No			
Herbicide	Yes	No			
Coolant	Yes	No			
Engine oil	No	No			
Compressor oil	No	No			

Hydraulic oil	No	No	
Grease	No	No	
Nitrogen	Yes	Yes	
Oxygen	Yes	Yes	
Propane	Yes	Yes	
Methanol/ethylene glycol	Yes	Yes	
Helium	Yes	Yes	
* Quantities in stock will vary depending on the activities occurring at points in time.			

<p>7.7 Spill Management Plan</p> <p>No changes to the Spill Scenarios and Management for Operations and only the addition of the dust suppression activity.</p>	<p>Addition of the following activity under Operations (see below)</p>
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SPILL SCENARIOS AND MANAGEMENT							
Type	Activity	Activity duration	Mechanism	Location	Quality	Approximate Quantity	Key Management Control
Operations	Dust suppression on roads	Operations: ongoing	Incorrect application	Access Roads	As per SDS	1000L	<ul style="list-style-type: none"> • Handling by a competent person • Visual assessment during suppression

Brewer Estate Crude Oil Terminal Yard	
Current EMP Text	Amended EMP Text
<p>3.1.1 Brewer Estate Crude Oil Terminal Yard</p> <p>The Brewer Estate Crude Oil Terminal Yard is located within the Brewer Estate area, approximately 19km south of Alice Springs. The facility covers an area of approximately 50ha. The yard was developed in the mid-1980s and received crude oil via the MASP until 2009 when the MASP was subsequently suspended. Crude oil was transferred via the MASP to a number of bunded oil storage tanks prior to loadout via rail for export to refineries interstate.</p> <p>The yard consists of:</p> <ul style="list-style-type: none"> ▪ Oil storage tanks (decommissioned) ▪ Rail loadout infrastructure and siding connecting to the adjacent rail line ▪ Buildings including administration, workshops and storage areas ▪ Laydown areas ▪ Associated infrastructure including water, electricity and fire water systems. <p>The yard has been under a care and maintenance regime since the MASP was suspended and is used as a temporary laydown and storage area for materials prior to transfer to the operator's facilities.</p>	<p><i>(Removal of 3.11)</i></p>

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

Attachment 1 - Dust Suppression Chemicals Risk Assessment

Table 1: Dust Suppression Chemicals Risk Assessment

Modification	Currently approved option	Proposed option	Differences / Comments
Additional chemicals	The list of chemicals included in the original EMP were provided as an expected inventory at the time of submission.	The additional chemicals are not declared hazardous substances and not declared dangerous goods. The chemicals are classified as not hazardous for acute and chronic aquatic exposure	There is no effective change in the risk associated with the updated chemicals list as they will be stored in similar quantities as other chemicals and within bunded storage areas to ensure any leaks are captured within secondary containment. The chemicals are registered for use in the manner intended in this modification. Chemicals will be used in accordance with the label.

Attachment 2 Addendum

Appendix 7. Addendum

All references to the Brewer Estate Crude Oil Terminal Yard are to be removed from EMP (CTP6-4)