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 Oil and Gas Field Environment Management Plan**	**Unique EMP ID No.**	CTP6-4	**Mod No.**	9	**Date**	24 March 2026
Brief Description	This Regulation 22 modification is seeking to update Table 3-4 of the EMP to include a new chemical – Actisorb 310. As per our recent Regulation 17 for increased flaring of condensate/oil, Central Petroleum (CTP) is trialling alternative methods of disposal including using adsorbents to remove the arsenic from the oil/condensate so that is able to be sold to refineries. The use of Actisorb 310 at Mereenie Field, CTP will be able to undertake up to two 6-12 month trials to test its effectiveness in removing the arsenic from Mereenie Field's oil/condensate. The trial(s) will involve diverting the condensate/oil (up to 50L per day) through a stream of Actisorb 310 and CTP will check the arsenic levels following this process. The material will be drained of free liquids, contained in sealed bulk bags, and temporarily stored in a bunded area. Disposal will be carried out by a licensed waste contractor in accordance with applicable environmental regulations, with final disposal at an approved facility. Total volume is 22 l per trial. Each trial will last around 6 to 12 months. Up to two trials are anticipated. This substance is very toxic to aquatic life with long-lasting effects. Release of this chemical to waterways will be prevented by containing the skid within a bund. Additionally, the condensate/oil will flow into an IBC and be continuously monitored. The outcome of this modification and attached risk assessment is that there is no effecting change in environmental risk due to the control measures in place to manage loss of containment.								

NORTHERN TERRITORY GOVERNMENT

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?
Attach supporting information to support all answers to the above questions							
No. The additional chemical is being included as a pilot trial to see if it will remove arsenic from condensate/crude oil.	N/A	No additional mitigation measures are considered necessary. The additional chemicals are being included to provide well integrity verification and preservation.	No. The updated chemicals list does not impact any stakeholders and adequate stakeholder engagement has been conducted previously.	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. All works are conducted on existing operational areas and aligned with existing approvals.	No.	Yes (refer to Risk Assessment in Attachment 1).

Current EMP Text

Table 3-1 Typical chemicals used during operations and workovers

Substance	Hazardous material	Dangerous good	Typical quantity*
Anti-corrosives	Yes	Yes	200L
Adhesives/glues	Yes	No	500L
Acetone	Yes	Yes	100L
Thinners	Yes	Yes	200L
Acetylene	Yes	Yes	100L
Biocides	No	No	200L
Truck wash	Yes	No	100L
Priming fluids	Yes	Yes	200L
Diesel	Yes	Yes	25,000L
Pipe cement	Yes	Yes	100L
Degreaser	Yes	Yes	100L
Paint	Yes	Yes	100L
Soaps	No	No	50L
Sealant	No	No	200L
Herbicide	Yes	No	200L
Coolant	Yes	No	100L
Engine oil	No	No	20L–1,000L
Compressor oil	No	No	1,000L
Hydraulic oil	No	No	20L
Grease	No	No	100L
Nitrogen	Yes	Yes	100kg

Amended EMP Text

Table 3-2 Typical chemicals used during operations and workovers

Substance	Hazardous material	Dangerous good	Typical quantity*
Anti-corrosives	Yes	Yes	200L
Adhesives/glues	Yes	No	500L
Acetone	Yes	Yes	100L
Thinners	Yes	Yes	200L
Acetylene	Yes	Yes	100L
Biocides	No	No	200L
Truck wash	Yes	No	100L
Priming fluids	Yes	Yes	200L
Diesel	Yes	Yes	25,000L
Pipe cement	Yes	Yes	100L
Degreaser	Yes	Yes	100L
Paint	Yes	Yes	100L
Soaps	No	No	50L
Sealant	No	No	200L
Herbicide	Yes	No	200L
Coolant	Yes	No	100L
Engine oil	No	No	20L–1,000L
Compressor oil	No	No	1,000L
Hydraulic oil	No	No	20L
Grease	No	No	100L
Nitrogen	Yes	Yes	100kg

Oxygen	Yes	Yes	100kg
Propane	Yes	Yes	50kg
Methanol/ethylene glycol	Yes	Yes	6,000L
Helium	Yes	Yes	100kg
Sodium Sulphate (Oxygen Scavenger)	No	No	350kg
Potassium Chloride Fine (Clay Inhibitor)	No	No	3250kg
Corrosion Inhibitor	No	Yes	150L
Fire and Vapour Suppressant (Fire Fighting foam concentrate)	No	No	2,000L
Stopaq Wrapping CZH	No	No	20 Rolls
Stopaq Outerwrap PVC	No	No	20 Rolls

Oxygen	Yes	Yes	100kg
Propane	Yes	Yes	50kg
Methanol/ethylene glycol	Yes	Yes	6,000L
Helium	Yes	Yes	100kg
Sodium Sulphate (Oxygen Scavenger)	No	No	350kg
Potassium Chloride Fine (Clay Inhibitor)	No	No	3250kg
Corrosion Inhibitor	No	Yes	150L
Fire and Vapour Suppressant (Fire Fighting foam concentrate)	No	No	2,000L
Stopaq Wrapping CZH	No	No	20 Rolls
Stopaq Outerwrap PVC	No	No	20 Rolls
ActiSorb 310 CDS Extr 1.5	Yes	No	140kg

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

Attachment 1 – Risk Assessment

Substance	Hazardous material	Dangerous good	Typical quantity*	Brand Name	Composition/Concentration used	CAS number	Brief Description of the risk associated with each chemical and how this was determined
ActiSorb 310 CDS Extr 1.5	Yes	No	140kg	Clariant	>=20-<30 (Manganese dioxide) >=15-<20 (Copper oxide)	1313-13-9 1317-38-0	ActiSorb 310 is a stable, non-flammable inorganic metal oxide mixture (containing manganese dioxide and copper oxide) classified under CLP as harmful if swallowed (Acute Tox. 4), capable of causing organ damage – particularly to the brain – through prolonged or repeated inhalation of dust (STOT RE 2), and very toxic to aquatic life with long-lasting effects (Aquatic Acute/Chronic 1). The classification is based on calculated acute toxicity estimates and component test data (including OECD studies and DNEL/PNEC assessments). It does not ignite, is not expected to form explosive dust-air mixtures under normal conditions, and is stable when properly stored, though dust formation should be avoided. It is not classified as a skin or eye irritant, sensitiser, mutagen, carcinogen, reproductive toxin, or endocrine disruptor. First aid measures include moving exposed person to fresh air, rinsing skin or eyes thoroughly with water, and seeking immediate medical attention if swallowed (without inducing vomiting). The primary risks relate to ingestion, repeated inhalation of dust, and environmental release rather than fire or instability. Toxicity determined through LD50: >2,500 mg/kg (Rat).