

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.	6	Date	3 August 2026
Brief Description	This Regulation 22 modification is seeking to update Table 11 of the EMP to include alternative chemicals for the drilling campaign. The EMP was recently amended with a Reg 22 updating drilling chemicals however one brand was unable to be sourced so an alternative brand has been ordered. The product is still the same, just the name has changed. Please see attached SDS and risk assessment. 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.								
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. The chemical is an alternative brand to what has already been listed in the previous Reg 22.	N/A	No additional mitigation measures are considered necessary. The additional chemical is an alternative brand to what has already been listed in the EMP.	No. The updated chemical 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						Amended EMP Text					
Table 11: Drilling Fluid Chemicals						Table 11: Drilling Fluid Chemicals					
Purpose	Product Name	Hazardous	Unit of measure (kg)	Estimated quantity kg/well	Storage location	Purpose	Product Name	Hazardous	Unit of measure (kg)	Estimated quantity kg/well	Storage location
Fluid Loss	POLYPAC (All Grades)	Non-Hazardous	25	8,700.00	Well site	Chemical extender (cementing additive)	Chemical Extender D79	Hazardous	25	150	Well site
Stabilizing Agent	Citric Acid	Hazardous	25	4,500.00	Well site						
pH	Caustic Soda	Hazardous	25	225	Well site						
Buffer	Soda Ash	Hazardous	25	225	Well site						
Clay Control Agent	Potassium Chloride	Non-Hazardous	1200	56,500.00	Well site						
Buffer	MAGNESIUM OXIDE	Non-Hazardous	25	1,500.00	Well site						
Lost Circulation Material	M-I-X* II (All Grades)	Non-Hazardous	11.34	2,381.40	Well site						
Lost Circulation Material	G-SEAL PLUS	Non-Hazardous	25	5,250.00	Well site						
Clay Control Agent	POLY-PLUS DRY	Non-Hazardous	25	1,200.00	Well site						
Weighting Agent	SAFE-CARB (All Grades)	Non-Hazardous	25	47,000.00	Well site						
Corrosion Control	SAFE-COR	Hazardous	229	6,496.00	Well site						
Oxygen Scavenger	SAFE-SCAV CA	Non-Hazardous	6.8	884	Well site						
Oxygen Scavenger	SAFE-SCAV NA	Hazardous	25	528.6	Well site						
Weighting Agent	SODIUM CHLORIDE POWDER	Non-Hazardous	1300	78,000.00	Well site						

	(SALT PVD or GRANULAR SALT)						
Stabilizing Agent	SAPP	Hazardous	25	3,000.00	Well site		
Neutraliser	SODIUM BICARBONATE	Non-Hazardous	25	3,000.00	Well site		
Defoamer	DEFOAM-A	Hazardous	19	612.2	Well site		
Weighting Agent	SODIUM FORMATE	Non-Hazardous	25	170,000.00	Well site		
Retarder	SUGAR	Non-Hazardous	25	3,000.00	Well site		
Lost Circulation Material	FORM-A-BLOK	Non-Hazardous	9.1	3,265.20	Well site		
Weighting Agent	Calcium Carbonate - Coarse Products	Non-Hazardous	25	7,200.00	Well site		
Defoamer	DEFOAM PLUS NS	Non-Hazardous	18.2	556.6	Well site		
Biocide	Nuosept 78 (Troy)	Hazardous	25	637.5	Well site		
Defoamer	DEFOAM EXTREME	Non-Hazardous	19.3	956.6	Well site		
Weighting Agent	CALCIUM CHLORIDE (All Grades)	Hazardous	25	120,000.00	Well site		
Viscosifier	VeraViS	Non-Hazardous	10	6,520.00	Well site		
Stabiliser	PTS-200	Hazardous	208	10,093.40	Well site		
Viscosifier	DUO-VIS	Non-Hazardous	25	3,975.00	Well site		
Fluid Loss	DUAL-FLO HT	Non-Hazardous	22.7	5,726.70	Well site		
Weighting Agent	M-I BAR (All Grades)	Non-Hazardous	1500	166,500.00	Well site		

Viscosifier	M-I GEL	Non-Hazardous	1200	51,000.00	Well site		
Alkalinity	LIME	Hazardous	20	10,100.00	Well site		
Stabiliser	KLA-HIB	Hazardous	219	35,400.00	Well site		
Lubricant	STARGLIDE	Hazardous	198	35,400.00	Well site		
Completion fluid additive	DEEPCLEAN	Hazardous	194	3,900.00	Well site		
Stabiliser	KLA-STOP	Hazardous	217	35,400.00	Well site		
Stabiliser	IDCAP D	Non-Hazardous	25	5,132.04	Well site		
Foamer	PLATINUM FOAM PLUS	Hazardous	19.7	2,559.89	Well site		
Lubricant	SAFE-LUBE	Hazardous	210	130,701.45	Well site		
Stabiliser	POLYAMINE APG	Hazardous	214	130,701.45	Well site		

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

Attachment 1 – Risk Assessment

Product Name	Hazardous	Dangerous good	Typical quantity on site (kg)	Concentration kg/m3	Concentration %	CAS Number	Brief description of risk
Chemical Extender D79	Hazardous	Y	300		1-3%	6834-92-0	Toxicity: The product component(s) are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. Chronic Toxicity: Not known to be carcinogenic or mutagenic Ecotoxicity: Toxicity to fish = 210 mg/L LC50 Brachydanio rerio 96h Biodegradation/Bioaccumulation: Does not bioaccumulate.