Appendix A: Change notice – Regulation 22

Interest holder	Tamboran B2 Pty Ltd	EMP E Title	Beetaloo Sub-basin Kalala S Exploration Permit (EP) 98 (ORI9-2)			ORI9-2	Mod #	1	Date	23 January 2025		
Brief Description	Amendment of the offs	endment of the offsite stormwater release criteria to provide consistency in stormwater discharge criteria across all Tamboran exploration and appraisal well sites.										
Geospatial files included?	N/A	4										
Does the proposed change result in a new, or increased, or potential or actual environmental impact or risk?	existing potential or change require staked actual environmental additional mitigation engag		re stakeholder tigation engagement been	Does it require additional environmental performance standards and measurement criteria?	vironmental compliances with Sacred rformance standards d measurement Certificates?		Does it affect current rehabilitation, weed fire, wastewater, erosion and sediment control, spill or emergency response plans?			Will the environmental outcome continue to be achieved, and will the impacts and risks be managed to ALARP and acceptable?		
No. There are no new or increased environmental impacts or risks. The revised discharge criteria have been discussed in the EMP and is evaluated to be ALARP and acceptable.	No No increased impact or risk with sufficient controls outlined in the EMP.	No. Existing mitiga measures are covering storn release.	in place engagement is not	No. Environmental performance standards within the existing approved EMP are sufficient.	No. Activity cover the existing A certificates C2	APA		agement id approp	plans remain riate.	Yes. Stormwater monitoring outlined in Table 27: Environmental outcomes, performance standards and measurement criteria—Surface water will be met.		
Additional contextual information		1	I	1	1							



Interest holder Ta		Tamboran B2 Pty Ltd	EMP Title	Beetaloo Sub-basin Kalala (ORI9-2)	a S Explo	oration Permit (EP) §	98 Unique EMP ID	ORI9-2	Mod #	1
		Current E				Am	ended EMP t	ext		
3.15 Stormwate	r management			3.15 Stormwater management						
Table 9: Stormw	ater release an	d re-use limits	Table 9: Stormwat	er release and re-us	e limits					
Monitoring parameter	•					Monitoring parameter	Release limit	Limit	Limit basis	
Electrical conductivity	watercourses, with Value (EV). The gu for moderately sen Guidelines (2000) Sodium adsorption below <20. Receiv with SAR in irrigati	the absence of adjacent soils the most relevant environmend d on the irrigation water salinity rat rces from Table 9.2.5 of the ANZE er 9, Primary Industries) ormwater is anticipated to be low, w y loam (as described in section 4.1 nissible which will not increase the 9.2.6 ANZEC Guidelines (2000) tries)	tings EC well 1.3),	Electrical conductivity	1,300 µs/cm	of the propo for m (2000 The p the ch veget native	The proposed limit of 1 of the Gum Ridge for proposed sites) and the for moderately sensitive (2000) Volume 3, Chap The proposed EC limit the changing soil salinit vegetation types, include native grasses which a have been shown to have			
pH ¹ HLA 2005 repo Petroleum	6.5 – 9.5	Limit based upon 8.2.8 of the ANZE rationale and back	the background ECC Guidelines 2 ground informatio	surface water quality data ¹ and 7 2000 volume 2 Aquatic ecosystem				The rewitted will be clay). veget for the comb	esults of the n e in the order This is below ation types in e Gum Ridge ined with the d on the revise	node of 1. the the Forn EC v
retroleum						рН	<mark>5.2 – 9.0</mark>	pH le 20, 20 and s of rain sedim intera basin after a the ex	roposed mini vels, with pH I 024. Tambora ediment basin water that fal nent basin is a ct with the red s onsite, with a rainfall even kisting pH of r propriate rele	level an ha ns ar Ils or antici ceivii pH in t due ainw
						Visible hydrocarbons, sheens, foaming or discolouration	No visible oil, grea other hydrocarbon No visible foams caused by surfacta and detergents. No visible abnorma discoloration.	<mark>s.</mark> Ints		

	1	Date	23 January 2025
x	t		
t sit	formation he ANZE ive crops	(the_main CC short ter	sen as it aligns with the EC source of water used on m irrigation guideline value of the ANZEC Guidelines tries).
lir clu h	nities and uding Euc are comn	the potential alyptus, Aca non to the a	odelling designed to assess for impact on the receiving cia, Melaleuca species and rea. Many of these species gh tolerance to salinity.
of th h c	1.6 dS/m le likely ve e area. Al ormation w c values, il	(for a sandy egetation roo so, the sodiu /as calculate ndicates tha	aximum root zone salinity loam) to 1.7 dS/m (for a t zone salinity of the um adsorption ratio (SAR) d at 2, which when t the release of stormwater kely to cause soil structural
ev n h s s nti ei o H d	rels of 5.24 has observation on a site i cipated to ving soils. I increasin lue to the water is a	4 observed a ved pH level e pH of 5 lev n a very sho be low, befo This has be ng from 5.2 to low buffer ca	bserved regional rainfall at Daly Waters on March s on its enclosed tank lids rel. Given the large volume rt period, the pH in the ore increasing as they een observed in sediment o 6.5 over several hours apacity of rainwater. Given y 5.2, we believe this to be

Interest hold	der Tamboran B2 Pty Ltd EMP Beetaloo Sub-basin Kalala S Exp Title (ORI9-2)		ploration Permit (EP) 98		Unique EMP ID	ORI9-2	Mod #	1	Date	23 January 202	25						
Current EMP text								Amended EMP text									
8.5 Monitoring								8.5 Monitoring									
Table 33: Monitoring program summary							Table 33: Monitoring program summary										
Monitoring program	Purpose	Monitoring points	Parameters	Frequency	Investigation thresholds	Instrument calibration	Reference document	Monitoring program	Purpose	Monitoring points	Parameters	Frequency	Investigation thresholds		Instrument calibration	Reference document	
Stormwater	Manage stormwater collected within bunds during activities	Chemical storage areas	Field EC and pH	Prior to release	Off-site release and dust suppression limits: • pH 6-9 • EC 1300µs/cm	Instrument calibrated before use. pH probe calibrated with a two point calibration using a pH buffer of 7 and 10. EC meter calibrated with a 1413µs/cm (or similar) standard	N/A	Stormwater	Manage stormwater collected within bunds during activities	Chemical storage areas	Field EC and pH	Prior to release	Off-site rele dust suppro limits: • pH 5.2 – 9 • EC 1300 p	ession <mark>9.0</mark> us/cm	Instrument calibrated before use. pH probe calibrated with a two point calibration using a pH buffer of 7 and 10. EC meter calibrated with a 1413µs/cm (or similar) standard	N/A	