

Appendix A: Change notice – Regulation 22

Interest holder	Tamboran B2 Pty Ltd		EP117		Unique EMP ID	TAM2-3	Mod #	1	Date	23 January 2025	
Brief Description	Amendment of the offs	mendment 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										
Does the proposed change	If an INCREASE in the	Does the propos	ed Has additional	Does it require additional	Does it affect		Does it	affect cur	rent	Will the environmental outcome	
result in a new, or	existing potential or	change require	stakeholder	environmental	compliances v	vith Sacred	rehabili	tation, we	eed fire,	continue to be achieved, and will	
increased, or potential or	actual environmental	additional mitiga	ation engagement been	performance standards	Site Authority		wastew	wastewater, erosion and		the impacts and risks be managed	
actual environmental	risk, is it provided for	measures to be	conducted?	and measurement	Certificates?		sedime	sediment control, spill or		to ALARP and acceptable?	
impact or risk?	in the EMP?	included?		criteria?			emerge	emergency response plans?			
No.	No	No.	No	No.	No.		Yes			Yes.	
There are no new or	No increased impact	Existing mitigation	n Stakeholder	Environmental	Activity covere	ed under	Section	7.3 of the	erosion and	Stormwater monitoring outlined in	
increased environmental	or risk with sufficient	measures are in	place engagement is not	performance standards	the existing AA	APA	sedime	nt control	plan (Appendix	Table 54: Environmental outcomes,	
impacts or risks. The	controls outlined in	covering stormw	ater required as this	within the existing	certificates C2	024-031.	F) has b	een updat	ted to align with	performance standards and	
revised discharge EC has	the EMP.	release.	change is aligning with	approved EMP are			this ame	endment.		measurement criteria – Inland	
been extensively discussed			existing stormwater	sufficient.						water environmental quality and	
in the EMP and is assessed			release criteria in				All othe	r plans rei	main valid and	aquatic ecosystems, will be met.	
to have a risk rating that is			recent EMPs.			appropriate.					
low and acceptable.											
Additional contextual information											

Interest holder	Tamboran B2 Pty Ltd	EMP Title	Sturt Plateau Compression Facility and EP117	y – Appraisal Gas EP98	Unique EMP ID	TAM2-3	Mod #	1	Date	23 January 2025
	Amended EMP text									
3.7.23 SPCF stormwater ma	3.7.23 SPCF stormwater management									
Table 14: Stormwater off-si	Table 14: Stormwater off-site release and dust suppression re-use limits									
Monitoring parameter		Release limit		Monitoring parameter			Releas	Release limit		
Electrical conductivity		1,600 µs/cm		Electrical conductivity		1,300 կ	1,300 µs/cm			
рН		5.2 – 9.0		pH			5.2 – 9	5.2 – 9.0		
Visible hydrocarbons, sheens, foaming or discolouration		No visible oil, grease or	other hydrocarbons	Visible hydrocarbons, sheens, foaming or discolouration		on No visi	on No visible oil, grease or other hydrocarbons			
		No visible foams cause	d by surfactants and detergents				No visi	No visible foams caused by surfactants and detergents		

3.7.24 Stormwater limit justification

... The proposed limit of 1,600 μ s/cm was chosen as this aligned with the EC of the Gum Ridge formation (the main source of water used on proposed sites and the ANZECC short term irrigation guideline value for moderately sensitive crops (Table 9.2.5 of the ANZEC Guidelines (2000) Volume 3, Chapter 9, Primary industries). The Gum Ridge water is used in construction water, dust suppression and is discharged to the sediment basin as a part of the facility hydrotesting (where the water is not practicable to be re-used). Thus, placing a separate limit on the sediment basin for stormwater and hydrotest water would be extremely difficult. ...

No visible abnormal discoloration

3.20 Monitoring

Table 29: Monitoring program summary

Monitoring program	Purpose	Monitoring points	Parameters	Frequency	Investigation thresholds	Reference document
Stormwater	Manage stormwater collected during activities	Sediment basin release point	Field EC and pH Visible oil, grease, other hydrocarbons, foams or abnormal discoloration	Weekly during the wet season or per each release during the dry season	Off-site release and dust suppression limits: • pH 5.2 – 9.0 • EC 1600 µs/cm	N/A

Appendix F Erosion and Sediment Control Plan

7.3 ESC Trigger Action Response Plan

The following Trigger Action Response Plan (TARP) is to be implemented during construction:

Monitoring requirements:

- 7-day forecast from Bureau of Meteorology (BOM) to be monitored and construction and ground disturbance activities to planned around the forecast.
- Daily visual inspection of access track, lease pads and campsite conditions for duration of civil construction activities.
- Routine visual inspections of the creek and drainage line access track crossings and the wastewater containment system at the camp weekly or following a rainfall event (i.e. greater than 20 mm in 24 hours).
- Review ESC across the site and where required implement maintenance prior to 1 October each year.

Action:

• On establishment of each exploration well pad, undertake jar testing work to determine anticipated settling rate of sediments on site. This will inform flocculent dosing requirements as required.

3.7.24 Stormwater limit justification

... The proposed limit of 1,300 µs/cm was chosen as this aligned with the EC of the Gum Ridge formation (the main source of water used on proposed sites and the ANZECC short term irrigation guideline value for moderately sensitive crops (Table 9.2.5 of the ANZEC Guidelines (2000) Volume 3, Chapter 9, Primary industries). The Gum Ridge water is used in construction water, dust suppression and is discharged to the sediment basin as a part of the facility hydrotesting (where the water is not practicable to be re-used). Thus, placing a separate limit on the sediment basin for stormwater and hydrotest water would be extremely difficult. ...

No visible abnormal discoloration

8.5 Monitoring

Table 34: Monitoring program summary

Monitoring program	Purpose	Monitoring points	Parameters	Frequency	Investigation thresholds	Reference document
Stormwater	Manage stormwater collected during activities	Sediment basin release point	Field EC and pH Visible oil, grease, other hydrocarbons, foams or abnormal discoloration	Weekly during the wet season or per each release during the dry season	Off-site release and dust suppression limits: • pH 5.2 – 9.0 • EC 1,300 µs/cm	N/A

Appendix F Erosion and Sediment Control Plan

7.3 ESC Trigger Action Response Plan

The following Trigger Action Response Plan (TARP) is to be implemented during construction:

Monitoring requirements:

- 7-day forecast from Bureau of Meteorology (BOM) to be monitored and construction and ground disturbance activities to planned around the forecast.
- Daily visual inspection of access track, lease pads and campsite conditions for duration of civil construction activities.
- Routine visual inspections of the creek and drainage line access track crossings and the wastewater containment system at the camp weekly or following a rainfall event (i.e. greater than 20 mm in 24 hours).
- Review ESC across the site and where required implement maintenance prior to 1 October each year.

Action:

On establishment of each exploration well pad, undertake jar testing work to determine anticipated settling rate of sediments on site. This will inform flocculent dosing requirements as required.

Interest holder	Tamboran B2 Pty Ltd	EMP Title	Sturt Plateau Compression Facility and EP117	y – Appraisal Gas EP98	Unique EMP ID	TAM2-3	Mod #	1	Date	23 January 2025	
	Current EMF	text		Amended EMP text							
 operators must adopt one devices are reinstated as s Inspection of all ESC device sediment basin should be No visible oil, greater pH: Between 6.0 – EC: 1,300 μS/cm. The adopted discharge criter conductivity (EC, salinity) independent of the series of the se	oon as physically practicable after the es across the worksite and physical was conducted prior to discharge of water se or other hydrocarbons 8.0 ria are based on ANZECC 2000 Table	0 to mitigate the impevent. ter quality testing (phoffsite. Water quality e 3.3.4 and Table 3.5 tems in tropical Aus	eacts of rainfall and ensure that the ESC eysical parameters only) at the well pad discharge indicators include: 3.5 default trigger values for pH and tralia, as well as consideration of the	operators must adopt devices are reinstated Inspection of all ESC d sediment basin should No visible oil, g abnormal disc. pH: Between 5 EC: 1,300 μS/c. The proposed minimal Daly Waters on Mosaround the pH of 5 the sediment basin been observed in sedue to the low buff this to be an approact of water used on participated on the results of the resu	one of the treating as soon as physical evices across the deconducted progresse or other coloration. 5.2 – 9.0¹ 5.2 – 9.0¹ 5.2 – 9.0¹ 5.2 – 9.0¹ 6.2 – 9.0¹ 6.2 – 9.0² 6.2 – 9.0² 6.3 – 9.0² 6.4 – 9.0² 6.5 – 9.0² 6.6 – 9.0² 6.6 – 9.0² 6.7 – 9.0² 6.7 – 9.0² 6.8 – 9.0²	nent plans from cally practicable worksite and prior to discharg nydrocarbons of the call property of the call pro	n section 6.0 to a after the even hysical water of water offs. No visible for wed regional observed phase of rainwater fore increasing from the existing water. It aligns with CC short term of Volume 3, and designed to cluding Eucal pecies have a likely vegeta for the Gumbe release of any Tamboran of the Cumber of the Gumber of the Gumb	mitigate to nt. quality testicate. Water of ams cause of the test of mirrigation of the test of mirrigation of the test of the	ng (physical quality disch dis	on and sediment controls, of rainfall and ensure that the ESC parameters only) at the well pad arge indicators include: tants and detergents. No visible that the receiving soils. This has veral hours after a rainfall event approximately 5.2, we believe approximately 5.2, we believe dustries). It soil salinities and the potential euca species and native grasses a moderate to high tolerance to be calculated at 2, which when a the revised release criteria is all sites on EP 117, EP 98 and EP	