Appendix A: Change notice – Regulation 22

Interest holder	Sweetpea Petroleum Pty Ltd	Titla	and Water Bore Drilling nagement Plan	EP 136 Environment	Unique EMP ID	SWP2-3	Mod #	2	Date	24 January 2025	
Brief Description	site inactivity to b) Amend the asse c) Amend the BMI d) Amend the ESCI	increase site stabilis et protection zone (Al P (Appendix I) to inco	ation. PZ) definition and operati rporate the changes outl	ional criteria to align with t	he BMP (Ap	opendix I), the	reby elimi	nating th	_	tion on bunding during intervals of dditional perimeter APZ.	
Does the proposed change result in a new, or increased, or potential	N/A If an INCREASE in the existing potential or actual	Does the proposed change require additional	stakeholder engagement been	Does it require additional environmental		ces with te Authority	rehabii wastev	water, er	weed fire, osion and	Will the environmental outcome continue to be achieved and will the impacts	
or actual environmental impact or risk?	environmental risk, is it provided for in the EMP?	mitigation measure to be included?	es conducted?	performance standards and measurement criteria?	Certificat	es?			ol, spill or oonse plans?	and risks be managed to ALARP and acceptable?	
No. There are no new or increased environmental impacts or risks through: a) Amendment of the erosion and sediment controls (ESC) to meet ongoing operational principles and functionality. b) Amendment of the APZ definition and operational criteria to align with the BMP.	N/A No increased impact or risk with sufficient controls outlined in the EMP and erosion and sediment control plan (ESCP).	No. Existing mitigation measures are in place covering well construction and operations, erosion and sediment control, and wastewater management.	N/A. Stakeholder engagement is not required.	No. Environmental performance standards within the existing approved EMP are sufficient.	the existing	overed under ng AAPA e C2020/072.	to the ESCP (A incorporation i	Yes. Minor edits have been made to the BMP (Appendix I) and ESCP (Appendix K) to incorporate the changes and consistency throughout the		Yes. Environmental performance standards listed in section 7.2.3 of the EMP will be met.	
Additional contextual information	a) the discretion	nary decision-makin	_	Manager outlined in the B					_	nin the APZ; and fully operation and manned, vs	
	The EMP stormwater	release criteria curre	ently does not align with	other Tamboran site releas	e paramete	ers.					

Interest holder	Sweetpea Petroleum Pty Ltd	EMP Title	Civil and Water Bore Dri Management Plan	lling EP 136 Env	vironment	Unique EMP ID	SWP2-3	Mod #	2	Date	24 January 2025		
	Current	EMP text			Amended EMP text								
Table of Definitions and	Acronyms			Tab	Table of Definitions and Acronyms								
Definitions/Acronyms	Meaning				efinitions/Acronyms	Meaning							
Well Pad	means the cleared area speci 280 m x 260 m. The well pad cellar and sump (nominal 180 20 m width to cater for soil st buffer of managed vegetation established as an asset prote	w	ell Pad	Means the cleared area specific to the individual well pad based on approx. 280 m x 260 m. The well pad is a compacted area that includes flare pit, cellar and sump (nominal 180 m x 180 m) and an external perimeter area of 20 m width to cater for soil stockpiling and a firebreak. An additional 20 m buffer of managed vegetation will be established as an asset protection zone. Vegetation within the asset protection zone (APZ) and on bunds will be managed based on operational / seasonal requirements (e.g. manned vs unmanned; wet season vs dry season) and at the discretion of the Field / Site Manager, as per in the Bushfire Management Plan.									
3.2.1 Exploration Lease Pads					3.2.1 Exploration Lease Pads								
drilling and stimulation a tank pad layout, noting t The cleared area specific well pad (nominal 180 m	activities and to return flowb the layout may vary to accom to the individual well pad is a x 180 m), which will be com ockpiling and a firebreak. An	ack fluids. Figu nmodate local 280 m x 260 n pacted, and ar	ater in tanks used for the future 7 shows a conceptual well practors and type of drilling right (72,800 m2). This encompass a external perimeter area of 20 m buffer of managed vegetation	oad and stimused. noting ses the on will ses the white on will and fuel required.	ulation activities and the layout may individual well pad the will be compacted additional 20 m but loads within the assets.	nd to return flowary to accoming the second of the second	owback fluids. I modate local fa m (72,800 m²) ernal perimeter d vegetation <mark>m</mark> zone and on b	Figure 7 show ctors and typ I. This encom Farea of 20 m ay be establis unds, will be	rs a conc e of drill passes th width to shed as a manage	eptual well paing rig used. The well pad (recorder for some asset protested based on open asset on open as open asset on open asset on open asset on open asset on open as	or the future drilling and ad and tank pad layout, The cleared area specific to nominal 180 m x 180 m), il stockpiling and a firebreaction zone. Vegetation and perational / seasonal of the Field / Site Manager		
perimeter bund, fencing	, a 10 m firebreak that encor	npasses a 4m f	cleared around the lease pad, ire trail, and a 20 m perimeter asset protection zone around	peri fund NOT prot whe eros rem	meter bund, fenciretioning as a manager: TE: Manned sites weetion compared to required, whilst with and offsite section and offsite section.	ng, a 10 m fireb ged vegetation with active oper so unmanned si also maximisin liment releases ad well pad and	reak that enco zone. This area ations (e.g. can tes. It is at the g vegetation re (a key ESCP co tank pad surfa	mpasses a te a comprises a nps, drilling a Field / Site M e-instatement ontrol). When	mporary n asset p nd stimu lanager's to incre sites are	4m fire trail, protection zon ulation) will restion to assess site stabile unmanned a	lease pad during operation and a 20 m perimeter ne around infrastructure. equire a higher degree of ensure APZs are maintain lity and decrease the risk of and infrastructure is eet APZ criteria, eliminating		
3.3 Support Facilities fo	r the Program			3.3	Support Facilities f	or the Progran	n						
3.3.1 Accommodation c	amp			3.3.	1 Accommodation	camp							
70 m x 70 m) that will be	e compacted along with an e eak around the perimeter. A	xternal perime	ding the compacted camp pad eter area of 20 m width to cate sset protection zone 20 m are	er for soil 70 n	n) that will be com	pacted along w	vith an externa	l perimeter a	rea of 20	m width to	ed camp pad (nominal 70 r cater for soil stockpiling an d the perimeter <mark>may</mark> also		

Interest holder	Sweetpea Petroleum Pty Ltd	36 Environment	Unique EMP ID	SWP2-3	Mod #	2	Date	24 January 2025				
	Current EMP text				Amended EMP text							
 An allowance includes area An additional perimeter. A 20 m perimeter woody under achieves the 	ion camp layout includes: e of a 10 m perimeter area of for soil/vegetation stockpiling Il 10 m firebreak cleared, er eter (not shown on schematic retorey vegetation is removed	ng, the perimeter becompassing a 4 ccs) to function as a diand maintain grasset protection zo	m fire access trail around the site managed vegetation zone whereby ass at less than 100 mm height. This ne (APZ) around infrastructure.	 Fire breaks / fire ma The accommodate An allowance for soil/vege An additiona A 20 m pering understorey / seasonal signed required 40 NOTE: Mannadegree of property and stability and unmanned and residues are massability and unmanned are required 40 	nned; wet seaso anagement zone ion camp layou e of a 10 m peri station stockpilin at 10 m firebreal meter (not show vegetation is maite requirement m buffer for an med sites with a cotection compa- aintained when decrease the ris	n vs dry seasones t includes: meter area cle ng, the perime c cleared, enco vn on schemat anaged at the ts (e.g. manne a asset protect active operation required, while sk of erosion are re is removed,	ared around ter bund and ompassing a 4 cics) to function discretion of d vs unmanrion zone (APons (e.g. camned sites. It is also maxind offsite sed the combine	the comp fencing. I m fire ac on as a m the Field ned; wet Z) around ps, drilling s at the F mising ve iment rel d well pac	acted useab ccess trail are nanaged veg / Site Mana season vs d d infrastructing and stimu ield / Site M egetation re- eases (a key d and tank pa	ound the site perimeter. The tation zone whereby woody ager and based on operational ry season). This achieves the ure during manned activities. The tation will require a higher lanager's discretion to ensure instatement to increase site ESCP control). When sites are ad surface areas are sufficient APZ.		
				Further detail for the fi	re breaks/fire n	nanagement zo	ones are pres	ented in <i>i</i>	Appendix I.			

Interest holder	Sweetpea Petroleum Pty Ltd	EMP Title	eivii alia vvatei bole billillig El 130		Unique EMP ID	SWP2-3	Mod #	2	Date	24 January 2025	
	Current EMP text			Amended EMP text							
Annendix I Rushfire Man	Annendix I Bushfire Management plan										

Offsite stakeholders	Contact details	Name
National Response Centre	1800 076 251	24/7 contact line
Emergency	000 or 112 mobile	
Bushfire NT	(08) 8973 8876	
Katherine office (Savanna)		
Bushfire NT	(08) 8952 3066	
Alice Springs office (Barkly)		
NAFI North	https://www.firenorth.org.au/nafi3/	
Secure NT (Fire Bans)	https://securent.nt.gov.au/alerts	
Fire incident map	https://www.pfes.nt.gov.au/incidentmap/	

Sweetpea's	Exploration Program Fire Management Zones – Bushfire Management Actions
Well Pads and Tank Pads	Remove all vegetation within the lease pad area and implement erosion and sediment control plan.
	Treat emerging vegetation with herbicide.
	On fire ban days or times of higher fire danger, hot works are to be conducted with increased
	fire protection measures and with approval from the Bushfire Officer.
	Open air fires cannot be lit without a permit under the Bushfire Management Act 2016.
Fire management break	A 10 m wide cleared perimeter around well pads and tank pads.
	An additional 10 m wide bare earth fire break incorporating a 4 m wide fire access trail.
Fire access trails	Create and maintain 4 m wide access trail by grading or spraying.
Asset Protection Zone (APZ)	• Site Manager to assess fuel load prior to camp establishment and again at end of wet season if infrastructure is still in place.
	Establish a 20 m low fuel zone around well pads and lease pads.
	Monitor for grassy weeds and control where appropriate.
	• If deemed necessary, conduct controlled burns where other controls are not effective and in consultation with neighbouring properties.
	 Ensure 4 m wide fire access trail around the perimeter of the asset protection zone is trafficable by fire fighting appliances.
Civil Construction Program	 Adequate fire protection equipment to be provided to prevent fires, the spread of fire, injury
civii construction i rogram	to personnel, and to ensure local bushfire and other fire regulations are observed.
	Fire extinguishers to be fitted to all vehicles and key locations at camp.
Neighbouring Property Fire	Fire management planning meeting with neighbouring properties prior to commencing civil
Management Zone	construction activities, and reviewed annually.
	Neighbour to advise proponent of planned burns.
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The following minor edits have been made to the 9 BMPs:

1. Offsite stakeholders: Delete reference to the National Response Centre. This contact is obsolete.

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Asset Protection Zone (APZ)	Site Manager to assess fuel load prior to camp establishment and again at end of wet season if infrastructure is still in place.
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	Monitor for grassy weeds and control where appropriate.
	If deemed necessary, conduct controlled burns where other controls are not effective and in
	consultation with neighbouring properties.
1	Ensure 4 m wide fire access trail around the perimeter of the asset protection zone is
	trafficable by fire fighting appliances.
	 NOTE: An additional 20 m buffer of managed vegetation may be established as an asset
1	protection zone when the site is manned and operational. When sites are unmanned, the
	combined well and tank pad surface areas are sufficient buffer to meet APZ criteria,
	eliminating the need for an additional perimeter APZ.
Civil Construction Program	Adequate fire protection equipment to be provided to prevent fires, the spread of fire, injury
	to personnel, and to ensure local bushfire and other fire regulations are observed.
	Fire extinguishers to be fitted to all vehicles and key locations at camp.
Neighbouring Property Fire	Fire management planning meeting with neighbouring properties prior to commencing civil
Management Zone	construction activities, and reviewed annually.
	Neighbour to advise proponent of planned burns.

Interest holder Sweetpea Petroleum Pty Ltd	EMP Title	Civil and Water Bore Drilling EP 13 Management Plan	36 Environment	Unique EMP ID	SWP2-3	Mod #	2	Date	24 January 2025
Current E			Am	nended EMP	text	,	•		
Appendix K Erosion and Sediment Control Plan									
5.4 ESC Trigger Action Response Plan	5.4 ESC Trigger Action Re	esponse Plan							
 Action: On establishment of each exploration lease pad, undert sediments on site. This will inform flocculent dosing req Repair of ESC devices immediately when found not to co. Where monitoring has indicated weather condition have operators must adopt one of the treatment plans from the ESC devices are reinstated as soon as physically practing. Inspection of all ESC devices across the worksite and phylease pad sediment basin should be conducted prior to dinclude:	uirements as recomply. e impacted the infection 3.4 to mosticable after the discharge of wat a constant of the constant of th	ntegrity of the erosion and sediment controls, itigate the impacts of rainfall and ensure that event. lity testing (physical parameters only) at the er offsite. Water quality discharge indicators and Table 3.3.5 default trigger values for pH is in tropical Australia, as well as consideration	site. This will informatic part of ESC defended by the second of the sec	form flocculent dosing the control of the treatment properties of the treatment properties across should be conducted by the conducted of the treatment properties across should be conducted by the conducted of	ing requirements when found not to eather condition halans from Section acticable after the the worksite and ed prior to dischar hydrocarbons. No etive of observed an has observed frainwater that sing as they integrainwater is app	as required. o comply. have impacted to a sevent. physical water offer wisible foams controlled by the physical water offer a second rainful physical physical water offer a second rainful physical water of a second rainful physical physical physical physical water with the province of the physical p	the integrity the impact quality test site. Water aused by sure its enclosed in a very shreceiving so a rainfall of the believer the believer the control of the believer the believer the control of the believer the belie	of the erosion of rainfall and ing (physical paquality discharger of tank lids and increments an	cipated settling rate of sediments and sediment controls, operators densure that the ESC devices are arameters only) at the lease pad ge indicators include: detergents. No visible abnormal detergents around the pare pH in the sediment basin is been observed in sediment basin is the low buffer capacity of appropriate release limit for ormation (the main source of

9.2.5 of the ANZEC Guidelines (2000) Volume 3, Chapter 9, Primary industries).

no negative effects on soil properties or native vegetation.

The proposed EC limit is underpinned by modelling designed to assess the changing soil salinities and the potential for impact on the receiving vegetation types, including Eucalyptus, Acacia, Melaleuca species and native grasses which are

The results of the modelling indicates the maximum root zone salinity will be in the order of 1.6 dS/m (for a sandy loam) to 1.7 dS/m (for a clay). This is below the likely vegetation root zone salinity of the vegetation types in the area. Also, the sodium adsorption ratio (SAR) for the Gum Ridge Formation was calculated at 2, which when combined with the EC values, indicates that the release of stormwater based on the revised release criteria is unlikely to cause soil structural issues.

The adopted discharge criteria are widely used by Tamboran at its other operational sites on EP 117, EP 98 and EP 76, with

common to the area. Many of these species have been shown to have a moderate to high tolerance to salinity.