

Appendix A: Change notice – Regulation 22

Interest holder	Tamboran B2 Pty Ltd			oo Sub-basin Multi-well Dr ell Testing Program EMP E	rilling, Hydraulic Fracturing P 98 & EP 76 (ORI10-3)	Unique EMP ID	ORI10-3	Mod #	3	Date	27 September 2023
Brief Description	Inclusion of the revised	l chemical risk asse	essment	by AECOM (Appendix C)	to include an assessment of	sodium hypochl	lorite 10–30	0% used in	well comp	letion.	
Geospatial files included?	N/A										
Does the proposed change	If an INCREASE in the	Does the propos	sed	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	with Sacred	rehabili	tation, w	eed fire,	continue to be achieved and will
increased, or potential or	actual environmental	additional mitiga	ation	engagement been	performance standards	Site Authority	•	wastew	ater, eros	sion and	the impacts and risks be managed
actual environmental	risk, is it provided for	measures to be		conducted?	and measurement	Certificates?		sedime	nt contro	, spill or	to ALARP and acceptable?
impact or risk?	in the EMP?	included?			criteria?			emerge	ncy respo	nse plans?	
No.	N/A	No.		N/A.	No.	No.		Yes			Yes.
There are no new or	No increased impact	Existing mitigation	I	Additional stakeholder	Environmental	Amendment t	to AAPA	Append	ix A to the	e spill	There will be no material change to
increased environmental	or risk with sufficient	measures are in	place	engagement is not	performance standards	Certificates C2	2022/02 and	1		n (Appendix F)	this activity, as expected volumes
impacts or risks through the	controls outlined in the spill management	covering well construction and	,	required, as the use of	within the existing	C2020/003 is r	not		-	to include the	of chemicals, waste and
addition of the new	plan and wastewater	operations, spill		chemicals has	approved EMP are	required.			•	sed chemical.	wastewater management remain
chemical with all chemicals	management plan.	management and	I	previously been	sufficient.						within the ranges outlined in the
requiring a tier 1		wastewater		communicated with				All othe	r plans re	main valid and	approved EMP.
assessment.		management.		stakeholders.				approp	riate to co	ver any	
								1		ered under the	Mandatory groundwater
								propose	ed modific	ation, in	monitoring required by the Code as
								1 ' '		ne existing	outlined in <i>Table 31 Monitoring</i>
								approve		_	program summary, will be met.
Additional contextual information	Inclusion of the addition	onal completion cl	hemical	sodium hypochlorite 10-	30%, provides Tamboran gre	eater flexibility a	round the	selection of	service p	roviders for E&A	well activities.

Interest holder	Tamboran B2 Pty Ltd	EMP	Beetaloo Sub-basin Multi-well Drilling, Stimulation and Well Testing	Unique	ORI10-3	Mod #	3	Date	27 September 2023
		Title	Program EMP	EMP ID					

Current EMP text

Amended EMP text

3.11.1 Chemical types and quantities

Table 16 Anticipated chemical volumes use in the drilling and stimulation process

Material name	Typical volume	Maximum volume	Unit	Storage area
Acetic Acid - 60% PH control	3,000	6,000	L	Stimulation chemical storage area
BE-9 Biocide	17,000	34,000	L	Stimulation chemical storage area
Caustic Soda Liquid pH control/ buffer	15,000	30,000	L	Stimulation chemical storage area
DCA-11001 Breaker Activator	5,000	10,000	L	Stimulation chemical storage area
DCA-13002 Breaker	300	600	kg	Stimulation chemical storage area
DCA-13003 Breaker	10,000	20,000	L	Stimulation chemical storage area
DCA-16001 Clay Stabiliser	42,000	84,000	L	Stimulation chemical storage area
DCA-17001 Corrosion Inhibitor	1,000	2,000	L	Stimulation chemical storage area
DCA-19001 Crosslinker	600	1,200	kg	Stimulation chemical storage area
DCA-19002 Crosslinker	10,000	20,000	L	Stimulation chemical storage area
DCA-23001 Friction Reducer	5,000	10,000	kg	Stimulation chemical storage area
DCA-23003 Friction Reducer	18,000	36,000	L	Stimulation chemical storage area
DCA-25005 Gelling Agent	35,000	70,000	kg	Stimulation chemical storage area
DCA-30001 Scale Inhibitor	15,000	30,000	L	Stimulation chemical storage area
DCA-32002 Surfactant	15,000	30,000	L	Stimulation chemical storage area
DCA-32014 Surfactant	200	400	L	Stimulation chemical storage area
FE-2 Buffer	200	400	kg	Stimulation chemical storage area
Hydrochloric Acid - 32%	50,000	150,000	L	Stimulation chemical storage area
100 Mesh Sand- Proppant	91,000	182,000	kg	Stimulation chemical storage area
40/70 Sand- Proppant	1,650,000	3,300,000	kg	Stimulation chemical storage area
30/50 Sand- Proppant	610,000	1,220,000	kg	Stimulation chemical storage area
Alcohols, C11-14-iso-, C13- rich,ethoxylated- Surfactant	5285	10570	L	Stimulation chemical storage area
Sodium (C14-16) olefin sulfonate - Surfactant	4658	9316	L	Stimulation chemical storage area
Diisobutyl glutarate - plasticiser	627	1254	L	Stimulation chemical storage area
Diisobutyl succinate - plasticiser	209	418	L	Stimulation chemical storage area
Diisobutyl adipate- plasticiser	179	358	L	Stimulation chemical storage area
sodium thiosulphate- stabilising agent	4763	9527	L	Stimulation chemical storage area

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Hydrochloric Acid - 32%	50,000	150,000	L	Stimulation chemical storage area
100 Mesh Sand- Proppant	91,000	182,000	kg	Stimulation chemical storage area
40/70 Sand- Proppant	1,650,00 0	3,300,000	kg	Stimulation chemical storage area
30/50 Sand- Proppant	610,000	1,220,000	kg	Stimulation chemical storage area
Alcohols, C11-14-iso-, C13-rich,ethoxylated-	5285	10570	L	Stimulation chemical storage area
Surfactant	4050	0316		Ctimulation chamical stars as a res
Sodium (C14-16) olefin sulfonate - Surfactant	4658	9316	L	Stimulation chemical storage area
Diisobutyl glutarate - plasticiser	627	1254	L	Stimulation chemical storage area
Diisobutyl succinate - plasticiser	209	418	L	Stimulation chemical storage area
Diisobutyl adipate- plasticiser	179	358	L	Stimulation chemical storage area

Interest holder	est holder Tamboran B2 Pty Ltd		Tamboran B2 Pty Ltd EMP Title Beetaloo Sub-basin Multi-well Drilling, Stimula Program EMP					Unique EMP ID	ORI10-3	Mod #	3	Date	27 September 2023
		Curre	nt EMP text				Amer	nded EMP	text				
sodium sulphate stabilising agent	913	1827	L	Stimulation chemical storage area	sodium thiosulphate- stabilising agent	4763	9527	L	Stimu	ulation ch	emical storage area		
sodium sulphite stabilising agent	794	1588	L	Stimulation chemical storage area	sodium sulphate stabilising agent	913	1827	L	Stimu	Stimulation chemical storage area			
Ethylene Glycol- Crosslinker	5112	10225	L	Stimulation chemical storage area	sodium sulphite stabilising agent	794	1588	L	Stimu	Stimulation chemical storage area			
Choline Chloride- Claystabiliser	10301	20603	L	Stimulation chemical storage area	Ethylene Glycol- Crosslinker	Ethylene Glycol- 5112 102		L	Stimu	Stimulation chemical storage area			
Glutaraldehyde- Biocide Ammonium Sulphate-	14930 4479	29859 8958	L	Stimulation chemical storage area Stimulation chemical storage area	Choline Chloride- Claystabiliser	10301	20603	L	Stimu	ulation ch	emical storage area		
Breaker	4473	0330	-	Still did of the mean storage area	Glutaraldehyde- Biocide	14930	29859	L	Stimu	ulation ch	emical storage area		
Polyacrylamide- Friction reducer	4479	8958	L	Stimulation chemical storage area	Ammonium Sulphate- Breaker	4479	8958	L	Stim	ulation ch	emical storage area		
Sodium polyacrylate- gelling agent	746	1493	L	Stimulation chemical storage area	Polyacrylamide- Friction reducer	4479	8958	L	Stimu	ulation ch	emical storage area		
Sodium bisulfite- stabiliser Alkyl Alcohol- surfactant	149 149	299 299	L	Stimulation chemical storage area Stimulation chemical storage area	Sodium polyacrylate- gelling agent	746	1493	L	Stimu	ulation ch	emical storage area		
2-Propenoic acid,	149	299	L	Stimulation chemical storage area	Sodium bisulfite- stabiliser	149	299	L	Stimu	ulation ch	emical storage area		
homopolymer, ammonium			_		Alkyl Alcohol- surfactant	149	299	L	Stimu	ulation ch	emical storage area		
salt- biocide Potassium persulfate-	149	299	L	Stimulation chemical storage area	2-Propenoic acid, homopolymer, ammonium	149	299	L	Stimu	ulation ch	emical storage area		
braker 2-Ethoxy-naphthalene- surfactant	149	299	L	Stimulation chemical storage area	salt- biocide Potassium persulfate- braker	149	299	L	Stimu	ulation ch	emical storage area		
Sodium Gluconate- stabiliser	8576	17152	L	Stimulation chemical storage area	2-Ethoxy-naphthalene- surfactant	149	299	L	Stimu	ulation ch	emical storage area		
Boric -Crosslinker	4288	8576	L	Stimulation chemical storage area	Sodium Gluconate- stabiliser	8576	17152	L	Stimu	ulation ch	emical storage area		
Potassium Hydroxide- pH control	10745	21491	L	Stimulation chemical storage area	Boric -Crosslinker	4288	8576	L	Stimu	ulation ch	emical storage area		
Mannanase- Cross linker	2	4	L	Stimulation chemical storage area	Potassium Hydroxide- pH	10745	21491	L			emical storage area		
Ammonium Persulphate- breaker	7451	14902	L	Stimulation chemical storage area	control Mannanase- Cross linker	2	4	L	Stimu	ılation ch	emical storage area		
Talc- buffer Sodium Bromate- breaker	384 50441	769 100881	L	Stimulation chemical storage area Stimulation chemical storage area	Ammonium Persulphate- breaker	7451	14902	L			emical storage area		
Hepta sodium	3176	6351	l I	Stimulation chemical storage area	Talc- buffer	384	769	L	Stimu	ulation ch	emical storage area		
phosphonate- Emulsifier	31/0	0331	L	Still did to the filled storage area	Sodium Bromate- breaker	50441	100881	L			emical storage area		
DISTILLATES, HYDROTREATED LIGHT-	54231	108462	L	Stimulation chemical storage area	Hepta sodium phosphonate- Emulsifier	3176	6351	L			emical storage area		
friction reducer					DISTILLATES,	54231	108462	L	Stimu	ulation ch	emical storage area		
Guar Gum- Viscocity regulator	15141	30282	L	Stimulation chemical storage area	HYDROTREATED LIGHT- friction reducer								
Polyoxyethylene nonylphenol ether-	4466	8933	L	Stimulation chemical storage area	Guar Gum- Viscocity regulator	15141	30282	L	Stimu	ulation ch	emical storage area		
surfactant Quaternary ammonium compounds, bis(hydrogenated tallow	4466	8933	L	Stimulation chemical storage area	Polyoxyethylene nonylphenol ether- surfactant	4466	8933	L	Stimu	ulation ch	emical storage area		

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alkyl)dimethyl, salts with bentonite- biocide					Quaternary ammonium compounds,	4466	8933	L	Stimu	lation ch	emical storage area	
1,6-Hexanediol- cross linker	447	893	L	Stimulation chemical storage area	bis(hydrogenated tallow alkyl)dimethyl, salts with							
Quartz or Organophilic phyllosilicate- proppant	1084	2167	L	Stimulation chemical storage area	bentonite- biocide 1,6-Hexanediol- cross	447	893	L	Stimu	llation ch	emical storage area	
HydroChloric Acid- pH control	44715	89430		Stimulation chemical storage area	linker Quartz or Organophilic phyllosilicate- proppant	1084	2167	L	Stimu	llation ch	emical storage area	
N-Benzyl-Alkylpyridinium Chloride- pH control	28	57	L	Stimulation chemical storage area	HydroChloric Acid- pH	44715	89430	L	Stimu	lation ch	emical storage area	
Formic Acid- corrosion inhibitor Sodium erythorbate-	38	76 668	L	Stimulation chemical storage area Stimulation chemical storage area	N-Benzyl-Alkylpyridinium Chloride- pH control	28	57	L	Stimu	llation ch	emical storage area	
scaler prohibitor Citric Acid- pH control	15878	31756	l I	Stimulation chemical storage area	Formic Acid- corrosion inhibitor	38	76	L	Stimu	llation ch	emical storage area	
Acetic Acid- pH control Isopropanol- clay	15878	31756 31756	L	Stimulation chemical storage area Stimulation chemical storage area	Sodium erythorbate- scaler prohibitor	334	668	L			emical storage area	
management	65	107	L	Stillulation chemical storage area	Citric Acid- pH control	15878	31756	L			emical storage area	
Ethoxylated C12-C16 Alcohol - surfactant	57	114	L	Stimulation chemical storage area	Acetic Acid- pH control Isopropanol- clay	15878 83	31756 167	L			emical storage area emical storage area	
Ethoxylated Decanol - surfactant	19	38	L	Stimulation chemical storage area	management Ethoxylated C12-C16 Alcohol - surfactant	57	114	L	Stimu	ılation ch	emical storage area	
Cinnamaldehyde- biocide	57	114	L	Stimulation chemical storage area	Ethoxylated Decanol -	19	38	L	Stimu	lation ch	emical storage area	
Ethoxylated Tallow Alkyl Amine - surfactant	9	19	L	Stimulation chemical storage area	surfactant							
Methanol- corrosion inhibitor	2	4	L	Stimulation chemical storage area	Cinnamaldehyde- biocide Ethoxylated Tallow Alkyl	57 9	114 19	L			emical storage area emical storage area	
Polyacrylamide - friction reducer	49093	98186	L	Stimulation chemical storage area	Amine - surfactant Methanol- corrosion	2	4	L	Stimu	lation ch	emical storage area	
Polyethylene glycol trimethylnonyl ether - clay manager	87	173	L	Stimulation chemical storage area	inhibitor Polyacrylamide - friction reducer	49093	98186	L	Stimu	llation ch	emical storage area	
Water in Additive- stabiliser	66804	133607	L	Stimulation chemical storage area	Polyethylene glycol trimethylnonyl ether - clay manager	87	173	L	Stimu	llation ch	emical storage area	
Potassium Sorbate Food Grade- corrosion inhibitor	14	29	L	Stimulation chemical storage area	Water in Additive-	66804	133607	L	Stimu	lation ch	emical storage area	
Mannanase (Mannan endo-1,4-beta- mannosidase)- cross linker	2	4	L	Stimulation chemical storage area	Potassium Sorbate Food Grade- corrosion inhibitor	14	29	L	Stimu	llation ch	emical storage area	
Nonoxynol-9- surfactant	9	19	kg	Stimulation chemical storage area	Mannanase (Mannan	2	4	L	Stimu	lation ch	emical storage area	
2-Ethylhexanol PO/EO polymer- stabiliser	9	19	kg	Stimulation chemical storage area	endo-1,4-beta- mannosidase)- cross linker							
Corn Oil- friction reducer	662	1325	kg	Stimulation chemical storage area	Nonoxynol-9- surfactant	9	19	kg	Stimu	llation ch	emical storage area	
Sodium Chloride- weighting agent	15,000	30,000	kg	Completion chemical storage area	2-Ethylhexanol PO/EO polymer- stabiliser	9	19	kg			emical storage area	
ALDACIDE G Biocide	500	1,000	L	Completion chemical storage area	Corn Oil- friction reducer	662	1325	kg	_		emical storage area	
I	1	I		•	Sodium hypochlorite	<mark>10,000</mark>	30,000	<u>L</u>	Comp	letion ch	<mark>emical storage area</mark>	

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	_	Curre	ent EMP text				Amer	nded EMP	text		
OXYGON Oxygen scavenger	100	200	kg	Completion chemical storage area	Sodium Chloride- weighting agent	15,000	30,000	kg	Completion	chemical storage area	
BARACOR 100 corrosion	2,000	4,000	L	Completion chemical storage area	ALDACIDE G Biocide	500	1,000	L	Completion	chemical storage area	
inhibitor					OXYGON Oxygen 100 200		kg	Completion	Completion chemical storage area		
CON-DET wetting agent	50	100	kg	Drilling chemical storage area	scavenger						
SAPP- sodium Acid Phosphate cement	50	100	kg	Drilling chemical storage area	BARACOR 100 corrosion inhibitor	2,000	4,000	L	Completion	chemical storage area	
treatment	2 222				CON-DET wetting agent	50	100	kg	Drilling che	nical storage area	
Bentonite- lubricant	3,000	6,000	kg	Drilling chemical storage area	SAPP- sodium Acid	50	100	kg	Drilling che	nical storage area	
Caustic Soda-pH control	1,400	2,800	kg	Drilling chemical storage area	Phosphate cement						
EZ MUD DP or EZ MUD	2000	4,000	kg	Drilling chemical storage area	treatment	2.000	6.000	l.=	Duilling also		
Liquid- drilling mud	226	672	1.	B.:	Bentonite- lubricant	3,000	6,000	kg		mical storage area	
ALDACIDE G Biocide	336	672	kg	Drilling chemical storage area	Caustic Soda-pH control	1,400	2,800	kg		nical storage area	
STOPPIT Loss of circulation material	1,000	2,000	kg	Drilling chemical storage area	EZ MUD DP or EZ MUD Liquid- drilling mud	2000	4,000	kg	Drilling che	nical storage area	
Soda Ash- drill mud	350	700	kg	Drilling chemical storage area	ALDACIDE G Biocide	336	672	kg	Drilling che	nical storage area	
conditioner BARACOR 100 Corrosion	250	500	kg	Drilling chemical storage area	STOPPIT Loss of circulation material	1,000	2,000	kg	Drilling che	nical storage area	
inhibitor Sodium Chloride (Flossy	96,000	192,000	kg	Drilling chemical storage area	Soda Ash- drill mud conditioner	350	700	kg	Drilling che	nical storage area	
Salt)- weighting agent and formation inhibitor	,	ŕ	J		BARACOR 100 Corrosion inhibitor	250	500	kg	Drilling che	nical storage area	
Barite- weighting agent	500	1,000	kg	Drilling chemical storage area	Sodium Chloride (Flossy	96,000	192,000	kg	Drilling che	mical storage area	
BARACARB loss of circulation material	500	1,000	kg	Drilling chemical storage area	Salt)- weighting agent and formation inhibitor	,	,,,,,,,				
Citric Acid- pH control	500	1,000	kg	Drilling chemical storage area	Barite- weighting agent	500	1,000	kg	Drilling che	nical storage area	
BARADEFOAM HP Drilling fluid/foam	500	1,000	kg	Drilling chemical storage area	BARACARB loss of circulation material	500	1,000	kg	Drilling che	nical storage area	
Sodium Bicarbonate- pH	500	1,000	kg	Drilling chemical storage area	Citric Acid- pH control	500	1,000	kg	Drilling che	nical storage area	
buffer PERFORMATROL- polymer	500	1,000	kg	Drilling chemical storage area	BARADEFOAM HP Drilling fluid/foam	500	1,000	kg	Drilling che	nical storage area	
fluid system SOURSCAV- mud additive	500	1,000	kg	Drilling chemical storage area	Sodium Bicarbonate- pH buffer	500	1,000	kg	Drilling che	nical storage area	
treat H2S contamination DRIL-N-SLIDE- Casing	500	1,000	kg	Drilling chemical storage area	PERFORMATROL- polymer fluid system	500	1,000	kg	Drilling che	nical storage area	
lubricant STEELSEAL- corrosion	500	1,000	kg	Drilling chemical storage area	SOURSCAV- mud additive treat H2S contamination	500	1,000	kg	Drilling che	nical storage area	
inhibitor BARAZAN D or BARAZAN D	4,150	8,300	kg	Drilling chemical storage area	DRIL-N-SLIDE- Casing	500	1,000	kg	Drilling che	nical storage area	
PLUS- viscosity increaser					lubricant STEELSEAL- corrosion	500	1,000	kg	Drilling che	nical storage area	
PAC L Loss of circulation material	2,300	4,600	kg	Drilling chemical storage area	inhibitor BARAZAN D or BARAZAN D	4,150	8,300	kg	Drilling che	nical storage area	
Potassium Chloride- weighting agent and formation inhibitor	22,500	45,000	kg	Drilling chemical storage area	PLUS- viscosity increaser PAC L Loss of circulation material	2,300	4,600	kg	Drilling che	nical storage area	

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GEM CP/GP Shale stabiliser QUIK-FREE – drilling	500 500	1,000 1,000	kg	Drilling chemical storage area	Potassium Chloride- weighting agent and formation inhibitor	22,500	45,000	kg	Drilli	ng chemio	al storage area	
additive BAROFIBRE, BAROFIBRE	500		kg	Drilling chemical storage area	GEM CP/GP Shale stabiliser	500	1,000	kg	Drilli	Drilling chemical storage area		
Superfine and BAROFIBRE COARSE Loss of circulation material	500	1,000	kg	Drilling chemical storage area	QUIK-FREE – drilling additive BAROFIBRE, BAROFIBRE	500	1,000	kg kg			al storage area	
BaraBlend-657 Loss of circulation material	500	1,000	kg	Drilling chemical storage area	Superfine and BAROFIBRE COARSE Loss of circulation material	300	1,000	\\ \ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		ing chemic	ai storage area	
N-DRIL HT PLUS filtration control additive DEXTRID LTE filtration	500 4,600	1,000	kg kg	Drilling chemical storage area Drilling chemical storage area	BaraBlend-657 Loss of circulation material	500	1,000	kg	Drilli	ng chemic	al storage area	
control additive BARABUF pH buffer	500	1,000	kg	Drilling chemical storage area	N-DRIL HT PLUS filtration control additive	500	1,000	kg	Drilli	ng chemic	al storage area	
BORE-HIB shale stabiliser	500	1,000	kg	Drilling chemical storage area	DEXTRID LTE filtration control additive	4,600	13,800	kg	Drilli	ng chemic	al storage area	
BDF 933 or BaraLube W- 933 drilling lubricant	864	1,728	kg	Drilling chemical storage area	BARABUF pH buffer	500 500	1,000 1,000	kg kg			al storage area	
BAROLIFT sweeping agent OXYGON Oxygen	500 500	1,000 1,000	kg kg	Drilling chemical storage area Drilling chemical storage area	BORE-HIB shale stabiliser BDF 933 or BaraLube W- 933 drilling lubricant	864	1,728	kg	_		al storage area	
ENVIRO-THIN filtration control additive	500	1,000	kg	Drilling chemical storage area	BAROLIFT sweeping agent OXYGON Oxygen	500 500	1,000 1,000	kg kg	_		al storage area	
Lime pH buffer	500 4,770	1,000 9,540	kg	Drilling chemical storage area Drilling chemical storage area	scavenger ENVIRO-THIN filtration	500	1,000	kg			al storage area	
BDF 677 Clay stabiliser BDF 988 Clay stabiliser	3,390	6,780	kg kg	Drilling chemical storage area	control additive Lime pH buffer	500	1,000	kg			al storage area	
SARALINE 185V- Synthetic based mud	299,800	599,600	kg	Drilling chemical storage area	BDF 677 Clay stabiliser	4,770	9,540	kg	Drilli	ng chemic	al storage area	
NOVATEC P emulsifier for SBM	13,110	26,220	kg	Drilling chemical storage area	BDF 988 Clay stabiliser SARALINE 185V- Synthetic	3,390 299,800	6,780 599,600	kg kg	_		al storage area	
NOVATEC S emulsifier SBM Calcium Chloride	5700 37,000	11,400 74,000	kg kg	Drilling chemical storage area Drilling chemical storage area	based mud NOVATEC P emulsifier for SBM	13,110	26,220	kg	Drilli	ng chemic	al storage area	
weighting agent SBM VG SUPREME clay	11,350	22,700	kg	Drilling chemical storage area	NOVATEC S emulsifier SBM	5700	11,400	kg	Drilli	ng chemic	al storage area	
viscosifier SBM M-I BAR weighting agent	193,500	169,500	kg	Drilling chemical storage area	Calcium Chloride weighting agent SBM	37,000	74,000	kg	Drilli	ng chemio	al storage area	
SBM NOVATEC F emulsifier SBM	3,610	7,220	kg	Drilling chemical storage area	VG SUPREME clay viscosifier SBM M-I BAR weighting agent	11,350 193,500	22,700 169,500	kg kg			al storage area	
NOVATEC transferred emulsifier SBM	1770	1770	kg	Drilling chemical storage area	SBM NOVATEC F emulsifier	3,610	7,220	kg			al storage area	
Waste drilling fluids	2,500	2,500	m³	Drilling mud sump	SBM NOVATEC transferred	1770	1770	kg			al storage area	
Completion fluids	1.4	1.4	ML	Drilling mud sump/on-site tank	emulsifier SBM	1770	1//0	1.8		ing chieffill	a. storage area	
Condensate	160	320	KL	Condensate storage area								

Interest holder	Taml	•		'		Unique EMP ID	ORI10-3	Mod #	3	Date	27 September 2023		
	·	Curi	rent EMP to	ext		Amended EMP text							
Diesel	250	500	KL	age tanks	Waste drilling fluids	2,500	2,500	m³	Drilli	Drilling mud sump			
Hydraulic oil	1,000	3,000	L	Workshop		Completion fluids	1.4	1.4	ML	Drilli	Drilling mud sump/on-site tank		
Engine oil	1,000	3,000	L	Workshop		Condensate	160	320	KL	Cond	Condensate storage area		
Degreasers	100	300	L	Workshop		Diesel	250	500	KL	Diese	Diesel storage tanks		
Flowback	<10	13.8	ML	Flowback t	anks	Hydraulic oil	1,000	3,000	L	Worl	Workshop		
						Engine oil	1,000	3,000	L	Worl	kshop		
					Degreasers	100	300	L	Worl	kshop			
						Flowback	<10	13.8	ML	Flow	back tank	5	

Appendix F Spill Management Plan

Spill Management Plan Appendix A Chemical volumes per well and storage areas (based on maximum 3 wells per pad)

Material name	Typical volume	Maximum volume	Unit	Storage area
Acetic Acid - 60% PH	3,000	6,000	L	Stimulation chemical storage area
control				
BE-9 Biocide	17,000	34,000	L	Stimulation chemical storage area
Caustic Soda Liquid pH	15,000	30,000	L	Stimulation chemical storage area
control/ buffer				
DCA-11001 Breaker	5,000	10,000	L	Stimulation chemical storage area
Activator				
DCA-13002 Breaker	300	600	kg	Stimulation chemical storage area
DCA-13003 Breaker	10,000	20,000	L	Stimulation chemical storage area
DCA-16001 Clay Stabiliser	42,000	84,000	L	Stimulation chemical storage area
DCA-17001 Corrosion	1,000	2,000	L	Stimulation chemical storage area
Inhibitor				
DCA-19001 Crosslinker	600	1,200	kg	Stimulation chemical storage area
DCA-19002 Crosslinker	10,000	20,000	L	Stimulation chemical storage area
DCA-23001 Friction	5,000	10,000	kg	Stimulation chemical storage area
Reducer				
DCA-23003 Friction	18,000	36,000	L	Stimulation chemical storage area
Reducer				
DCA-25005 Gelling Agent	35,000	70,000	kg	Stimulation chemical storage area
DCA-30001 Scale Inhibitor	15,000	30,000	L	Stimulation chemical storage area
DCA-32002 Surfactant	15,000	30,000	L	Stimulation chemical storage area
DCA-32014 Surfactant	200	400	L	Stimulation chemical storage area
FE-2 Buffer	200	400	kg	Stimulation chemical storage area
Hydrochloric Acid - 32%	50,000	150,000	L	Stimulation chemical storage area
100 Mesh Sand- Proppant	91,000	182,000	kg	Stimulation chemical storage area
	1,650,00	3,300,000	kg	Stimulation chemical storage area
40/70 Sand- Proppant	0	3,000,000	0	
30/50 Sand- Proppant	610,000	1,220,000	kg	Stimulation chemical storage area

Appendix F Spill Management Plan

Spill Management Plan Appendix A Chemical volumes per well and storage areas (based on maximum 3 wells per pad)

Material name	Typical volume	Maximum volume	Unit	Storage area
Acetic Acid - 60% PH control	3,000	6,000	L	Stimulation chemical storage area
BE-9 Biocide	17,000	34,000	L	Stimulation chemical storage area
Caustic Soda Liquid pH	15,000	30,000	L	Stimulation chemical storage area
control/ buffer	13,000	30,000	_	Still alation chemical storage area
DCA-11001 Breaker	5,000	10,000	L	Stimulation chemical storage area
Activator				
DCA-13002 Breaker	300	600	kg	Stimulation chemical storage area
DCA-13003 Breaker	10,000	20,000	L	Stimulation chemical storage area
DCA-16001 Clay Stabiliser	42,000	84,000	L	Stimulation chemical storage area
DCA-17001 Corrosion Inhibitor	1,000	2,000	L	Stimulation chemical storage area
DCA-19001 Crosslinker	600	1,200	kg	Stimulation chemical storage area
DCA-19002 Crosslinker	10,000	20,000	L	Stimulation chemical storage area
DCA-23001 Friction Reducer	5,000	10,000	kg	Stimulation chemical storage area
DCA-23003 Friction Reducer	18,000	36,000	L	Stimulation chemical storage area
DCA-25005 Gelling Agent	35,000	70,000	kg	Stimulation chemical storage area
DCA-30001 Scale Inhibitor	15,000	30,000	L	Stimulation chemical storage area
DCA-32002 Surfactant	15,000	30,000	L	Stimulation chemical storage area
DCA-32014 Surfactant	200	400	L	Stimulation chemical storage area
FE-2 Buffer	200	400	kg	Stimulation chemical storage area
Hydrochloric Acid - 32%	50,000	150,000	L	Stimulation chemical storage area
100 Mesh Sand- Proppant	91,000	182,000	kg	Stimulation chemical storage area
40/70 Sand- Proppant	1,650,00 0	3,300,000	kg	Stimulation chemical storage area
30/50 Sand- Proppant	610,000	1,220,000	kg	Stimulation chemical storage area

nterest holder	, ,		EM Titl	D 514D	pasin Multi-well Drilling, Stimulation and Well Testing			Mod #	3 Date	27 September 2023				
		Current	EMP tex	t					Amended EMP text					
Alcohols, C11-14-iso-, C13- rich,ethoxylated- Surfactant	5285	10570	L	Stimulation chemical storage area	Alcohols, C11-14-iso-, C13- rich,ethoxylated- Surfactant	5285	10570	L	Stimulation ch	emical storage area				
Sodium (C14-16) olefin sulfonate - Surfactant	4658	9316	L	Stimulation chemical storage area	Sodium (C14-16) olefin sulfonate - Surfactant	4658	9316	5 L	Stimulation ch	emical storage area				
Diisobutyl glutarate - plasticiser	627	1254	L	Stimulation chemical storage area	Diisobutyl glutarate - plasticiser	627	1254	L	Stimulation ch	emical storage area				
Diisobutyl succinate - plasticiser	209	418	L	Stimulation chemical storage area	Diisobutyl succinate - plasticiser	209	418	L L	Stimulation ch	emical storage area				
Diisobutyl adipate- plasticiser	179	358	L	Stimulation chemical storage area	Diisobutyl adipate- plasticiser	179	358	L L	Stimulation ch	emical storage area				
sodium thiosulphate- stabilising agent	4763	9527	L	Stimulation chemical storage area	sodium thiosulphate- stabilising agent	4763	9527	L L	Stimulation ch	emical storage area				
sodium sulphate stabilising agent	913	1827	L	Stimulation chemical storage area	sodium sulphate stabilising agent	913	1827	L L	Stimulation ch	emical storage area				
sodium sulphite stabilising agent	794	1588	L	Stimulation chemical storage area	sodium sulphite stabilising agent	794	1588	B L	Stimulation ch	emical storage area				
Ethylene Glycol- Crosslinker	5112	10225	L	Stimulation chemical storage area	Ethylene Glycol- Crosslinker	5112	10225	L	Stimulation ch	emical storage area				
Choline Chloride- Claystabiliser	10301	20603	L	Stimulation chemical storage area	Choline Chloride- Claystabiliser	10301	20603	L	Stimulation ch	emical storage area				
Glutaraldehyde- Biocide	14930	29859	L	Stimulation chemical storage area	Glutaraldehyde- Biocide	14930	29859	L	Stimulation ch	emical storage area				
Ammonium Sulphate- Breaker	4479	8958	L	Stimulation chemical storage area	Ammonium Sulphate- Breaker	4479	8958	L L	Stimulation ch	emical storage area				
Polyacrylamide- Friction reducer	4479	8958	L	Stimulation chemical storage area	Polyacrylamide- Friction reducer	4479	8958	L L	Stimulation ch	emical storage area				
Sodium polyacrylate- gelling agent	746	1493	L	Stimulation chemical storage area	Sodium polyacrylate- gelling agent	746	1493	L	Stimulation ch	emical storage area				
Sodium bisulfite- stabiliser	149	299	L	Stimulation chemical storage area	Sodium bisulfite- stabiliser	149	299	L	Stimulation ch	emical storage area				
Alkyl Alcohol- surfactant	149	299	L	Stimulation chemical storage area	Alkyl Alcohol- surfactant	149	299	L	Stimulation ch	emical storage area				
2-Propenoic acid, homopolymer, ammonium salt- biocide	149	299	L	Stimulation chemical storage area	2-Propenoic acid, homopolymer, ammonium salt- biocide	149	299	L	Stimulation ch	emical storage area				
Potassium persulfate- braker	149	299	L	Stimulation chemical storage area	Potassium persulfate- braker	149	299	L	Stimulation ch	emical storage area				
2-Ethoxy-naphthalene- surfactant	149	299	L	Stimulation chemical storage area	2-Ethoxy-naphthalene- surfactant	149	299	L	Stimulation ch	emical storage area				
Sodium Gluconate- stabiliser	8576	17152	L	Stimulation chemical storage area	Sodium Gluconate- stabiliser	8576	17152	! L	Stimulation ch	emical storage area				
Boric -Crosslinker	4288	8576	L	Stimulation chemical storage area	Boric -Crosslinker	4288	8576	j L	Stimulation ch	emical storage area				
Potassium Hydroxide- pH control	10745	21491	L	Stimulation chemical storage area	Potassium Hydroxide- pH control	10745	21491	L	Stimulation ch	emical storage area				
Mannanase- Cross linker	2	4	L	Stimulation chemical storage area	Mannanase- Cross linker	2	4	L	Stimulation ch	emical storage area				
Ammonium Persulphate- breaker	7451	14902	L	Stimulation chemical storage area	Ammonium Persulphate- breaker	7451	14902	. L	Stimulation ch	Stimulation chemical storage area				
Talc- buffer	384	769	L	Stimulation chemical storage area	Talc- buffer	384	769	L	Stimulation ch	emical storage area				
Sodium Bromate- breaker	50441	100881	L	Stimulation chemical storage area	Sodium Bromate- breaker	50441	100881	. L	Stimulation ch	emical storage area				

Interest holder	Tambor	, ,		2 Pty Ltd Beetaloo Sub-basin Multi-well Drilling, Stimulation and Well Testi Program EMP				Unique EMP ID	ORI10-3	Mod #	3	Date	27 September 2023	
	Current EMP text					Amended EMP text								
Hepta sodium	3176	6351	L		chemical storage area		Hepta sodium	3176	6351	1		Stimulation chemical storage area		
phosphonate- Emulsifier DISTILLATES, HYDROTREATED LIGHT- friction reducer	54231	108462	L	Stimulation	chemical storage area		phosphonate- Emulsifier DISTILLATES, HYDROTREATED LIGHT- friction reducer	54231	108462	! L	Stim	ulation ch	emical storage area	
Guar Gum- Viscocity regulator	15141	30282	L	Stimulation	chemical storage area		Guar Gum- Viscocity regulator	15141	30282	L L	L Stimulation chemical stor		emical storage area	
Polyoxyethylene nonylphenol ether- surfactant	4466	8933	L	Stimulation chemical storage area			Polyoxyethylene nonylphenol ether- surfactant	4466	8933	L	Stim	Stimulation chemical storage area		
Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts with bentonite- biocide	4466	8933	L	Stimulation	chemical storage area		Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts with bentonite- biocide	4466	8933	L	Stim	ulation ch	emical storage area	
1,6-Hexanediol- cross linker	447	893	L	Stimulation	chemical storage area		1,6-Hexanediol- cross linker	447	893	L	Stim	ulation ch	emical storage area	
Quartz or Organophilic phyllosilicate- proppant	1084	2167	L	Stimulation	chemical storage area		Quartz or Organophilic phyllosilicate- proppant	1084	2167	' L	Stim	Stimulation chemical storage area		
HydroChloric Acid- pH control	44715	89430	L	Stimulation	chemical storage area		HydroChloric Acid- pH control	44715	89430	L	Stim	Stimulation chemical storage area		
N-Benzyl-Alkylpyridinium Chloride- pH control	28	57	L	Stimulation	chemical storage area		N-Benzyl-Alkylpyridinium Chloride- pH control	28	57	' L	Stim	ulation ch	emical storage area	
Formic Acid- corrosion inhibitor	38	76	L	Stimulation	chemical storage area		Formic Acid- corrosion inhibitor	38	76	i L	Stim	ulation ch	emical storage area	
Sodium erythorbate- scaler prohibitor	334	668	L	Stimulation	chemical storage area		Sodium erythorbate- scaler prohibitor	334	668	L L	Stim	ulation ch	emical storage area	
Citric Acid- pH control	15878	31756	L	Stimulation	chemical storage area		Citric Acid- pH control	15878	31756	5 L	Stim	ulation ch	emical storage area	
Acetic Acid- pH control	15878	31756	L	Stimulation	chemical storage area		Acetic Acid- pH control	15878	31756	5 L	Stim	ulation ch	emical storage area	
Isopropanol- clay management	83	167	L	Stimulation	chemical storage area		Isopropanol- clay management	83	167	L L	Stim	ulation ch	emical storage area	
Ethoxylated C12-C16 Alcohol - surfactant	57	114	L	Stimulation	chemical storage area		Ethoxylated C12-C16 Alcohol - surfactant	57	114	L	Stim	ulation ch	emical storage area	
Ethoxylated Decanol - surfactant	19	38	L	Stimulation	chemical storage area		Ethoxylated Decanol - surfactant	19	38	B L	Stim	ulation ch	emical storage area	
Cinnamaldehyde- biocide	57	114	L	Stimulation	chemical storage area		Cinnamaldehyde- biocide	57	114	L	Stim	ulation ch	emical storage area	
Ethoxylated Tallow Alkyl Amine - surfactant	9	19	L	Stimulation	chemical storage area		Ethoxylated Tallow Alkyl Amine - surfactant	9	19	L	Stim	ulation ch	emical storage area	
Methanol- corrosion inhibitor	2	4	L	Stimulation	chemical storage area		Methanol- corrosion inhibitor	2	4	L	Stim	ulation ch	emical storage area	
Polyacrylamide - friction reducer	49093	98186	L	Stimulation	chemical storage area		Polyacrylamide - friction reducer	49093	98186	5 L	Stim	ulation ch	emical storage area	
Polyethylene glycol trimethylnonyl ether - clay manager	87	173	L	Stimulation	chemical storage area		Polyethylene glycol trimethylnonyl ether - clay manager	87	173	L	Stim	ulation ch	emical storage area	
Water in Additive- stabiliser	66804	133607	L	Stimulation	chemical storage area		Water in Additive- stabiliser	66804	133607	' L	Stim	ulation ch	emical storage area	

nterest holder	Tamboran B2 Pty Ltd EMP Beetaloo Sub-basin Multi-well Drilling, Program EMP			vell Drilling, Stimulation and Well Testing	Unique EMP ID	ORI10-3	Mod #	3 Date	27 September 2023				
		Current	EMP tex	t				Amended EMP text					
Potassium Sorbate Food Grade- corrosion inhibitor	14	29	L	Stimulation chemical storage area	Potassium Sorbate Food Grade- corrosion inhibitor	14	29	L	Stimulation o	hemical storage area			
Mannanase (Mannan endo-1,4-beta- mannosidase)- cross linker	2	4	L	Stimulation chemical storage area	Mannanase (Mannan endo-1,4-beta- mannosidase)- cross linker	2	4	L	Stimulation c	hemical storage area			
Nonoxynol-9- surfactant	9	19	L	Stimulation chemical storage area	Nonoxynol-9- surfactant	9	19	L	Stimulation c	hemical storage area			
2-Ethylhexanol PO/EO polymer- stabiliser	9	19	L	Stimulation chemical storage area	2-Ethylhexanol PO/EO polymer- stabiliser	9	19	L	Stimulation o	hemical storage area			
Corn Oil- friction reducer	662	1325	L	Stimulation chemical storage area	Corn Oil- friction reducer	662	1325	L	Stimulation of	hemical storage area			
Sodium Chloride- weighting agent	15,000	30,000	kg	Completion chemical storage area	Sodium hypochlorite Sodium Chloride-	10,000	30,000 30,000	<u> </u>		hemical storage area hemical storage area			
ALDACIDE G Biocide	500	1,000	L	Completion chemical storage area	weighting agent	15,000	30,000	kg	Completion	nemical storage area			
OXYGON Oxygen scavenger	100	200	kg	Completion chemical storage area	ALDACIDE G Biocide	500	1,000			hemical storage area			
BARACOR 100 corrosion inhibitor	2,000	4,000	L	Completion chemical storage area	OXYGON Oxygen scavenger	100	200			hemical storage area			
CON-DET wetting agent	50	100	kg	Drilling chemical storage area	BARACOR 100 corrosion inhibitor	2,000	4,000	L	Completion	hemical storage area			
SAPP- sodium Acid Phosphate cement	50	100	kg	Drilling chemical storage area	CON-DET wetting agent SAPP- sodium Acid	50	100	<u> </u>		ical storage area			
treatment Bentonite- lubricant	3,000	6,000	kg	Drilling chemical storage area	Phosphate cement	50	100	kg	Drilling chem	ical storage area			
	1,400	2,800		Drilling chemical storage area	treatment	3,000	6,000	kα	Drilling chem	ical storage area			
Caustic Soda-pH control EZ MUD DP or EZ MUD			kg		Bentonite- lubricant	-							
Liquid- drilling mud	2000	4,000	kg	Drilling chemical storage area	Caustic Soda-pH control EZ MUD DP or EZ MUD	1,400 2000	2,800 4,000	kg kg		ical storage area ical storage area			
ALDACIDE G Biocide	336	672	kg	Drilling chemical storage area	Liquid- drilling mud		,			J			
STOPPIT Loss of circulation	1,000	2,000	kg	Drilling chemical storage area	ALDACIDE G Biocide	336	672	kg	Drilling chem	ical storage area			
material Soda Ash- drill mud	350	700	kg	Drilling chemical storage area	STOPPIT Loss of circulation material	1,000	2,000	kg	Drilling chem	ical storage area			
conditioner BARACOR 100 Corrosion	250	500	kg	Drilling chemical storage area	Soda Ash- drill mud conditioner	350	700	kg	Drilling chem	ical storage area			
inhibitor Sodium Chloride (Flossy	96,000	192,000	kg	Drilling chemical storage area	BARACOR 100 Corrosion inhibitor	250	500	kg	Drilling chem	ical storage area			
Salt)- weighting agent and formation inhibitor			-		Sodium Chloride (Flossy Salt)- weighting agent and	96,000	192,000	kg	Drilling chem	ical storage area			
Barite- weighting agent	500	1,000	kg	Drilling chemical storage area	formation inhibitor	<u> </u>		<u>L</u>					
BARACARB loss of circulation material	500	1,000	kg	Drilling chemical storage area	Barite- weighting agent BARACARB loss of	500 500	1,000 1,000	_		ical storage area			
Citric Acid- pH control	500	1,000	kg	Drilling chemical storage area	circulation material		1,000	"8	J. IIIII g CIICIII	.ca. storage area			
BARADEFOAM HP Drilling	500	1,000	kg	Drilling chemical storage area	Citric Acid- pH control	500	1,000			ical storage area			
fluid/foam Sodium Bicarbonate- pH	500	1,000	kg	Drilling chemical storage area	BARADEFOAM HP Drilling fluid/foam	500	1,000	kg	Drilling chem	ical storage area			
buffer PERFORMATROL- polymer	500	1,000	kg	Drilling chemical storage area	Sodium Bicarbonate- pH buffer	500	1,000	kg	Drilling chem	ical storage area			
fluid system					PERFORMATROL- polymer fluid system	500	1,000	kg	Drilling chem	ical storage area			

Interest holder	Tambo	ran B2 Pty Lto	EMI Title	D EMD	ng, Stimulation and Well Testing	Unique EMP ID	ORI10-3	Mod #	3	Date	27 September 2023	
		Curre	Amended EMP text									
SOURSCAV- mud additive treat H2S contamination	500	1,000	kg	Drilling chemical storage area	SOURSCAV- mud additive treat H2S contamination	500	1,000	kg	Drilli	Drilling chemical storage area		
DRIL-N-SLIDE- Casing lubricant	500	1,000	kg	Drilling chemical storage area	DRIL-N-SLIDE- Casing Iubricant	500	1,000	kg	Drilli	ng chemic	al storage area	
STEELSEAL- corrosion inhibitor	500	1,000	kg	Drilling chemical storage area	STEELSEAL- corrosion inhibitor	500	1,000	kg	Drilli	ng chemic	al storage area	
BARAZAN D or BARAZAN D PLUS- viscosity increaser	4,150	8,300	kg	Drilling chemical storage area	BARAZAN D or BARAZAN D PLUS- viscosity increaser	4,150	8,300	kg	Drilli	ng chemic	al storage area	
PAC L Loss of circulation material	2,300	4,600	kg	Drilling chemical storage area	PAC L Loss of circulation material	2,300	4,600	kg	Drilli	ng chemic	al storage area	
Potassium Chloride- weighting agent and formation inhibitor	22,500	45,000	kg	Drilling chemical storage area	Potassium Chloride- weighting agent and formation inhibitor	22,500	45,000	kg	Drilli	ng chemic	al storage area	
GEM CP/GP Shale stabiliser	500	1,000	kg	Drilling chemical storage area	GEM CP/GP Shale stabiliser	500	1,000	kg	Drilli	ng chemic	al storage area	
QUIK-FREE – drilling additive	500	1,000	kg	Drilling chemical storage area	QUIK-FREE – drilling additive	500	1,000	kg	Drilli	ng chemic	al storage area	
BAROFIBRE, BAROFIBRE Superfine and BAROFIBRE COARSE Loss of circulation material	500	1,000	kg	Drilling chemical storage area	BAROFIBRE, BAROFIBRE Superfine and BAROFIBRE COARSE Loss of circulation material	500	1,000	kg	Drilli	ng chemic	al storage area	
BaraBlend-657 Loss of circulation material	500	1,000	kg	Drilling chemical storage area	BaraBlend-657 Loss of circulation material	500	1,000	kg	Drilli	ng chemic	al storage area	
N-DRIL HT PLUS filtration control additive	500	1,000	kg	Drilling chemical storage area	N-DRIL HT PLUS filtration control additive	500	1,000	kg	Drilli	ng chemic	al storage area	
DEXTRID LTE filtration control additive	4,600	13,800	kg	Drilling chemical storage area	DEXTRID LTE filtration control additive	4,600	13,800	kg	Drilli	ng chemic	al storage area	
BARABUF pH buffer	500	1,000	kg	Drilling chemical storage area	BARABUF pH buffer	500	1,000	kg	Drilli	ng chemic	al storage area	
BORE-HIB shale stabiliser	500	1,000	kg	Drilling chemical storage area	BORE-HIB shale stabiliser	500	1,000	kg	Drilli	ng chemic	al storage area	
BDF 933 or BaraLube W- 933 drilling lubricant	864	1,728	kg	Drilling chemical storage area	BDF 933 or BaraLube W- 933 drilling lubricant	864	1,728	kg	Drilli	ng chemic	al storage area	
BAROLIFT sweeping agent	500	1,000	kg	Drilling chemical storage area	BAROLIFT sweeping agent	500	1,000	kg	Drilli	ng chemic	al storage area	
OXYGON Oxygen scavenger	500	1,000	kg	Drilling chemical storage area	OXYGON Oxygen scavenger	500	1,000	kg	Drilli	ng chemic	al storage area	
ENVIRO-THIN filtration control additive	500	1,000	kg	Drilling chemical storage area	ENVIRO-THIN filtration control additive	500	1,000	kg	Drilli	ng chemic	al storage area	
Lime pH buffer	500	1,000	kg	Drilling chemical storage area	Lime pH buffer	500	1,000	kg	Drilli	ng chemic	al storage area	
BDF 677 Clay stabiliser	4,770	9,540	kg	Drilling chemical storage area	BDF 677 Clay stabiliser	4,770	9,540	kg	Drilli	ng chemic	al storage area	
BDF 988 Clay stabiliser	3,390	6,780	kg	Drilling chemical storage area	BDF 988 Clay stabiliser	3,390	6,780	kg	Drilli	ng chemic	al storage area	
SARALINE 185V- Synthetic based mud	299,800	599,600	kg	Drilling chemical storage area	SARALINE 185V- Synthetic based mud	299,800	599,600	kg	Drilli	ng chemic	al storage area	
NOVATEC P emulsifier for SBM	13,110	26,220	kg	Drilling chemical storage area	NOVATEC P emulsifier for SBM	13,110	26,220	kg	Drilli	ng chemic	al storage area	
NOVATEC S emulsifier SBM	5700	11,400	kg	Drilling chemical storage area	NOVATEC S emulsifier SBM	5700	11,400	kg	Drilli	ng chemic	al storage area	
Calcium Chloride weighting agent SBM	37,000	74,000	kg	Drilling chemical storage area	Calcium Chloride weighting agent SBM	37,000	74,000	kg	Drilli	ng chemic	al storage area	

Interest holder	Tambo	Tamboran B2 Pty Ltd		EMP Beetaloo Sub-basin Multi-well Drilling, Program EMP		g, Stimulation and Well Testing	Unique EMP ID	ORI10-3	Mod #	3	Date	27 September 2023	
	·	Currei	nt EMP te	ext		Amended EMP text							
VG SUPREME clay viscosifier SBM	11,350	22,700	kg	Drilling che	mical storage area	VG SUPREME clay viscosifier SBM	11,350	22,700	kg	Drillir	Drilling chemical storage area		
M-I BAR weighting agent SBM	193,500	169,500	kg	Drilling che	mical storage area	M-I BAR weighting agent SBM	193,500	169,500	kg	Drillir	Drilling chemical storage area		
NOVATEC F emulsifier SBM	3,610	7,220	kg	Drilling che	mical storage area	NOVATEC F emulsifier SBM	3,610	7,220	kg	Drillir	Drilling chemical storage area		
NOVATEC transferred emulsifier SBM	1770	1770	kg	Drilling che	mical storage area	NOVATEC transferred emulsifier SBM	1770	1770	kg	Drillir	Drilling chemical storage area		
Waste drilling fluids	2,500	2,500	m ³	Drilling mud	d sump	Waste drilling fluids	2,500	2,500	m ³	Drillir	Drilling mud sump		
Completion fluids	1.4	1.4	ML	Drilling mud	sump/on-site tank	Completion fluids	1.4	1.4	ML	Drillir	Drilling mud sump/on-site tank		
Condensate	160	320	KL	Condensate	storage area	Condensate	160	320	KL	Cond	Condensate storage area		
Diesel	250	500	KL	Diesel stora	ge tanks	Diesel	250	500	KL	Diese	Diesel storage tanks		
Hydraulic oil	1,000	3,000	L	Workshop		Hydraulic oil	1,000	3,000	L	Work	Workshop		
Engine oil	1,000	3,000	L	Workshop		Engine oil	1,000	3,000	L	Work	Workshop		
Degreasers	100	300	L	Workshop		Degreasers	100	300	L	Work	Workshop		
Flowback	<10	13.8	ML	Flowback ta	nks	Flowback	<10	13.8	ML	Flow	Flowback tanks		

Appendix

Appendix E Chemical Risk Assessment

AECOM (2019). Beetaloo 2019 Campaign - Hydraulic Fracturing Chemical Risk Assessment, dated 16-Dec-2019.

Appendix E.1 Chemical Risk Assessment - Condor

EHS Support (2023) *Hydraulic Stimulation Chemical Risk Assessment Tamboran Resources Northern Territory Tenements*, dated 12 January 2023.

Appendix E Chemical Risk Assessment (revised)

AECOM (2023). Beetaloo Exploration and Appraisal Program - Hydraulic Fracturing Chemical Risk Assessment. Dated June 2023.

Appendix E.1 Chemical Risk Assessment – Condor

EHS Support (2023) Hydraulic Stimulation Chemical Risk Assessment Tamboran Resources Northern Territory Tenements, dated 12 January 2023.