Quarterly Recordable Incident Report

This report is required to be submitted under regulation 35(1) of the Petroleum (Environment) Regulations 2016 (the Regulations) and may be published in accordance with regulation 35A(1)(c) of the Regulations. Send the completed form to Onshoregas.DEPWS@nt.gov.au as soon as practicable and in any case no later than 15 days after the end of the reporting period, as referred to in the Onshore Petroleum Incident Reporting Guideline, or as otherwise agreed in writing with the Minister for Environment, Climate Change and Water Security.

Section 1 – Interest Holder Details

For petroleum titles held by multiple interest holders, details must be completed for each interest holder. If insufficient room, please attach information to the form.

	Interest Holder 1	Interest Holder 2	Interest Holder 3	Interest Holder 4
Company Name	Tamboran B2 Pty Ltd	Falcon Oil & Gas Australia Limited		
Nominated interest holder for all matters related to Report? **If 'no' each interest holder must sign Declaration and will receive related documents unless designated operator authorised to sign and receive documents**	☒ Yes ☐ No	☐ Yes ☒ No	☐ Yes ☐ No	☐ Yes ☐ No
Authorisation given to an Operator to submit Report and sign Declaration?	☒ Yes ☐ No	☒ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No

Section 2 – Recordable Incident Report Details

EMP title (petroleum title/s)	Beetaloo Basin Shenandoah South E&A Program Environment Management Plan (TAM1-3) EP 117 and EP 98	**Unique EMP ID**	TAM1-3	**Date Submitted**	15 April 2025	**Nil report?**	☐ Yes ☒ No
Activity type	Petroleum Exploration and Appraisal program including civil construction, well drilling, hydraulic fracture stimulation.	**Reporting Period**[1]	Quarter:	1	Year:	2025	

Note 1: Refer to Table 1 of the Onshore Petroleum Incident Reporting Guideline for reporting periods and due dates.

Section 3 – Recordable Incident Details					
Incident number	INC-0000104				
Incident date	06/01/2025	**Incident time**	14:29 pm	**Date and time interest holder became aware**	06/01/2025; 15:25 am
Reg 35(3)(c)(ii): All material facts and circumstances **refer to Section 5.4.2 of the** Onshore Petroleum Incident Reporting Guideline	At the completion of the two well drilling campaign on Shenandoah South 2 (SS2) well site, the H&P rig carrier and associated equipment was pressure washed in preparation for stacking during the wet season and in preparation for the CY25 campaign. Each piece of equipment was rigged down, washed and then moved to the storage location. At the completion of the activity, the bunding was picked up and removed. A small volume of wash water had escaped the bunding through a small tear resulting in an estimated 500 L of wash water released to the drill pad. The fluid that went to the drill pad was bore water mixed with residual non-hazardous drilling mud that had dried on equipment. An area of 25 m^3 of hardstand was removed into 2 x skip bins. Soil was excavated to 10 cm during the clean-up process. All fluid was retained on the SS2 well pad that is bunded and contained in the operational area. No offsite release occurred. Coordinates -16.8041; 133.6422				Supporting information attached ☒ Yes ☐ No Refer Supporting Document - Incident: INC-0000104 extract
Did the incident result in an environmental impact or risk not specified in approved EMP?	☐ Yes ☒ No	**If yes, describe the nature and extent of the environmental impact or risk**			Supporting information attached ☐ Yes ☒ No
Did the incident result in a contravention of a performance standard(s) specified in the approved EMP?	☒ Yes ☐ No	**If yes, describe the contravention of the environmental performance standard(s)**	Minor chemical tier 1 spill during washdown activities of drilling equipment on the SS2 drill pad. Cleanup commenced immediately to remove impacted soils in accordance with Tamboran's spill management plan. Incident record raised in TRACS including location, volumes and clean-up information. 5 Whys assessment conducted, and corrective actions implemented to avoid reoccurrence.		Supporting information attached ☒ Yes ☐ No

Section 3 – Recordable Incident Details					
Is the incident inconsistent with an environmental outcome(s) specified in the approved EMP?	☐ Yes ☒ No	**If yes, describe how the incident is inconsistent with the environmental outcome(s)**			Supporting information attached ☐ Yes ☒ No
If the answer to the above questions is 'No', consider whether the incident is a recordable incident.					
Reg 35(3)(c)(iii): Action taken to avoid or mitigate any environmental impacts or risks of the incident **refer to Section 5.4.3 of the** Onshore Petroleum Incident Reporting Guideline	1. The impacted area was cleaned up using grader and loader. 2. Impacted soil was stored temporarily in a bunded area before being transferred into skip bins prior to rainfall events. 3. Soil samples collected of the impacted soils in the skip bin and on the well pad surface to assist in determining residual chemicals in the soil on the well pad and provide waste disposal options. 4. The skip bins are currently stored covered onsite until weather improves to either remove offsite to a licenced waste facility or contents placed in mud sump. Skip bins will continue to be covered until such time can be removed. It is noted that soil test results indicate concentrations meet the NEPM 2023 Health Investigation Level D (HIL D) commercial/industrial land use criteria and City of Darwin waste acceptance criteria for Shoal Bay Waste Management Facility if accepted.				Supporting information attached ☒ Yes ☐ No Refer Supporting Document - Incident: INC-0000104 extract
Reg 35(3)(c)(ii): Corrective action taken, or proposed, to prevent a similar incident occurring in future **refer to Section 5.4.4 of the** Onshore Petroleum Incident Reporting Guideline	ACT-0000678 required: - For next drilling campaign, review and revise the bunding strategy for the rig with H&P management, that will capture washdown activities for stacking drilling equipment. ACT-0000681 required: - Conduct environmental awareness sessions with crews to include environmental hazards and Tamboran's expectation to stop the job when they are identified.				Supporting information attached ☒ Yes ☐ No Refer Supporting Document - Incident: INC-0000104 extract
Incident number	INC-0000112				
Incident date	28/01/2025	**Incident time**	03:30 am	**Date and time interest holder became aware**	28/01/2025; 04:30 am
Reg 35(3)(c)(ii): All material facts and circumstances **refer to Section 5.4.2 of the** Onshore Petroleum Incident Reporting Guideline	During pumping operations, the telehandler operator was attempting to pick up an IBC of hydrochloric acid (HCl) to lift into the acid storage tank when he inadvertently pierced the IBC, causing 387 litres (100 gallons) to spill onto the bunding. The operator stopped and called for help. His crew member came over to assist and was able to tilt the tote back to stop the spill. Tamboran OCR and Field HSE were informed. Soda ash was used to neutralise the acid and clean-up of the bund.				Supporting information attached ☒ Yes ☐ No

Section 3 – Recordable Incident Details				
				Refer Supporting Document - Incident: INC-0000112 extract
Did the incident result in an environmental impact or risk not specified in approved EMP?	☐ Yes ☒ No	**If yes, describe the nature and extent of the environmental impact or risk**		Supporting information attached ☐ Yes ☒ No
Did the incident result in a contravention of a performance standard(s) specified in the approved EMP?	☒ Yes ☐ No	**If yes, describe the contravention of the environmental performance standard(s)**	Minor chemical tier 1 spill on the SS2 chemical storage area. Chemical spill was fully contained on bunding and cleaned up using soda ash. Nil spill to grade. Spill response implemented in accordance with Tamboran's spill management plan and cleanup immediately. Incident record raised in TRACS including spill location, volumes and clean-up information. 5 Whys assessment conducted, and corrective actions implemented to avoid reoccurrence.	Supporting information attached ☒ Yes ☐ No Refer Supporting Document - Incident: INC-0000112 extract
Is the incident inconsistent with an environmental outcome(s) specified in the approved EMP?	☐ Yes ☒ No	**If yes, describe how the incident is inconsistent with the environmental outcome(s)**		Supporting information attached ☐ Yes ☒ No
If the answer to the above questions is 'No', consider whether the incident is a recordable incident.				
Reg 35(3)(c)(iii): Action taken to avoid or mitigate any environmental impacts or risks of the incident **refer to Section 5.4.3 of the** Onshore Petroleum Incident Reporting Guideline	- Incident raised in Tamboran's TRACS Incident Register – INC-0000121 - Clean up implemented in accordance with spill management plan - 5 Whys investigation implemented with actions assigned.			Supporting information attached ☒ Yes ☐ No Refer Supporting Document - Incident: INC-0000112 extract
Reg 35(3)(c)(ii): Corrective action taken, or proposed, to prevent a similar incident occurring in future	Tamboran to implement the following corrective actions: - Ensure a spotter is used when shifting all chemical totes. - Review lighting at the chemical storage area to confirm that is sufficient for nighttime operations.			Supporting information attached ☒ Yes ☐ No

Section 3 – Recordable Incident Details					
refer to Section 5.4.4 of the Onshore Petroleum Incident Reporting Guideline					Refer Supporting Document - Incident: INC-0000112 extract
Incident number	INC-0000121				
Incident date	21/01/2025	**Incident time**	16:00 pm	**Date and time interest holder became aware**	21/01/2025, 16:00 pm
Reg 35(3)(c)(ii): All material facts and circumstances **refer to Section 5.4.2 of the** Onshore Petroleum Incident Reporting Guideline	The ministerial condition 14i requires groundwater level and pressure monitoring for the control monitoring bore (CMB) and impact monitoring bore (IMB) to be set at 5-minute intervals for 1 week prior, during and 1 week following Hydraulic Fracture Stimulation (HFS). A review of the data indicated that the Anthony Lagoon Bore (ALB) CMB (RN040896) and Gum Ridge Formation (GRF) CMB (RN0401132) were set at 4-hour interval rather than 5-minute interval. It appears that the logging interval for the bores was kept at the existing baseline frequency and not the new Ministerial condition, noting it has been set on 4-hourly intervals since 2019. It should be noted that the impact monitoring bores were set at the correct frequency. No reduction in groundwater level change detection during HFS. The CMBs are designed to provide a reference point to compare changes against the background conditions.				Supporting information attached ☒ Yes ☐ No Refer Supporting Document - Incident: INC-0000121 extract
Did the incident result in an environmental impact or risk not specified in approved EMP?	☐ Yes ☒ No	**If yes, describe the nature and extent of the environmental impact or risk**			Supporting information attached ☐ Yes ☒ No
Did the incident result in a contravention of a performance standard(s) specified in the approved EMP?	☐ Yes ☒ No	**If yes, describe the contravention of the environmental performance standard(s)**			Supporting information attached ☐ Yes ☒ No
Is the incident inconsistent with an environmental outcome(s) specified in the approved EMP?	☒ Yes ☐ No	**If yes, describe how the incident is inconsistent with the environmental outcome(s)**		Tamboran have a Ministerial Condition on the TAM1-3 EMP that requires: *MC 14i groundwater level and pressure monitoring for the CMB and IMB to be set at 5-minute intervals for 1 week prior, during and 1 week following HFS.*	Supporting information attached ☒ Yes ☐ No Refer Supporting Document - Incident: INC-0000121 extract

Section 3 – Recordable Incident Details				
			Although groundwater level monitoring on the IMBs was set at 5-minute intervals before, during and post HFS. The CMBs were kept on the 4-hr interval consistent with the baselining frequency. Although the discrepancy has been identified, it has not resulted in significant loss of groundwater level data or the ability to detect potential impact given the purpose of CMB is for comparison to the IMB. This is evident by: 1. All groundwater level monitoring was in place during HFS activities. 2. Monitoring from an additional Gum Ridge Formation (GRF) production bore (RN043872) was set with a 5-minute interval upgradient of the well pad before, during and after the HFS. 3. The groundwater level data has not detected any major change from the IMB while the HFS activities were underway.	
If the answer to the above questions is 'No', consider whether the incident is a recordable incident.				
Reg 35(3)(c)(iii): Action taken to avoid or mitigate any environmental impacts or risks of the incident **refer to Section 5.4.3 of the** Onshore Petroleum Incident Reporting Guideline	- An action added into TRACS (ACT-0000719) all bores to be set at 5-minute intervals.			Supporting information attached ☒ Yes ☐ No Refer Supporting Document - Incident: INC-0000121 extract
Reg 35(3)(c)(ii): Corrective action taken, or proposed, to prevent a similar incident occurring in future **refer to Section 5.4.4 of the** Onshore Petroleum Incident Reporting Guideline	- CMBs adjusted on 17 March 2025 to 5-minute intervals.			Supporting information attached ☒ Yes ☐ No

Section 3 – Recordable Incident Details

		Refer Supporting Document - Incident: INC-0000121 extract

Section 4 – Declaration

A person with legal authority to sign on behalf of the interest holder, or all interest holders (if more than one), must sign the declaration.

I hereby declare that I:

- am authorised to make this declaration.
- confirm that, to the best of my knowledge all information provided addresses the relevant matters and is true, correct, complete, and does not contain misleading information
- am aware that it is an offence under section 107 of the *Petroleum Act 1984* to give an authorised person information that I know, or ought to reasonably know, to be false or misleading in a material manner particular
- understand that all information supplied as part of this form, including attachments, may be disclosed publicly in accordance with regulation 35A of the Petroleum (Environment) Regulations 2016, and consistent with the requirements of the Information Privacy Principles (IPPs) in the *Information Act 2002*.

If report being signed by interest holder/s (include attachment if more room is required to complete the below table)

	Interest Holder 1	Interest Holder 2	Interest Holder 3	Interest Holder 4
Company Name				
Signature				
Name (print)				
Position				

Section 4 – Declaration				
Date				
Email				
If report being signed by Operator on behalf of interest holder/s				
Operator details (if applicable)				
Company Name	**Tamboran B2 Pty Ltd**	**ABN/ACN**	**42 105 431 525**	
Signature		**Address**	C/- Tower One, International Towers Suite 1, Level 39 100 Barangaroo Avenue Barangaroo NSW 2000	
Name (print)	Alana Court	**Email**	alana.court@tamboran.com	
Position	Senior Approvals Manager			

SUPPORTING DOCUMENTS

- Incident: INC-0000104 extract

Incident : INC-0000104

Actions

Notification

Incident Number
INC-0000104

Reported By
Field HSE, Tamboran,

Reported Date
09/01/2025

Reported Time
14:29

Incident Date
06/01/2025

Incident Time
15:25

Controlled or Monitored
Controlled

Summary
Spill from rig being pressure washed after drilling operations completed.

Detailed Description
At the completion of the two well drilling campaign, the H&P rig carrier and associated equipment was pressure washed in preparation for stacking during the wet season and in preparation for the CY25 campaign.
Each piece of equipment was rigged down, washed and then moved to the storage location.
At the completion of the activity, the bunding was picked up and removed. A small volume of wash water had escaped the bunding through a small tear resulting in an estimated 500 L of wash water released to the drill pad.

The fluid that went to the drill pad was bore water mixed with residual non-hazardous drilling mud that had dried on equipment. An area of 25 m3 of hardstand was removed into 2 x skip bins. Soil was excavated to 10 cm during the clean-up process.
All fluid was retained on the SS2 well pad that is bunded and contained in the operational area. No offsite release occurred.

Immediate Action Taken
1. The impacted area was cleaned up using grader and loader.
2 Impacted soil was stored temporarily in a bunded area before being transferred into skip bins prior to rain event.
3. Soil samples taken to determine next steps in respect to reporting and disposal of material.

Latitude
-16.8041

Longitude
133.6422

Detailed Location
SS2-wellsite-drill rig location

Location
Australia\Northern Territory\EP 98\Shenandoah S2 Well Site

Department Responsible
Tamboran\Operations\Drilling and Completions

Responsible Supervisor
Boorman, James,

Incident Details

All Consequences of the Incident
Environmental

Click here for help on how to complete the Actual and Potential Severity

Actual Consequence
Minor

Potential Consequence
Minor

Is it Regulatory Non-Compliance
No

People to Notify

Last Name	First Name	Position Title
AAA Tamboran Incidents	Distribution List	incidents@tamboran.com

Companies Involved

Company Name
Helmerich & Payne (H&P)

Witnesses
-

Witnesses, if not in list
-

Environmental

Environmental

Ecological Feature
Soils

Impact Initiating Event
Spill and release

Contaminants

Contaminant Type
Hydrocarbons
Chemicals Non-Hazardous

Contaminants - Spill Classification
Level 1

Contaminants - Contaminant Source
Fresh water mixed with drilling mud

Volume Released (number)
500

Unit
L

Volume Recovered (number)
25

Unit
m3

Area/Distance

Area Impacted (number)
262

Unit
m2

Depth of Excavation
10

Comment
Material was excavated to a depth of 10cm during the cleanup process.

Detail Submission

Is an Investigation Required?
Yes

Is this incident externally reportable?
No

Investigation Due Date
24/01/2025

Investigation Team Leader
Field HSE, Tamboran,

Interested Stakeholders
-

Investigation

Investigation Start Date
10/01/2025

Type of Cause Analysis Required?
5 Whys

Comments
-

Sequence of Events
-

Investigation Team
-

File Storage
-

5 Whys

Summary
Spill from rig being pressure washed after drilling operations completed.

Why did the event occur?
1. Drilling operations were completed for the campaign and the rig was being washed down prior to stacking. H&P are required to wash the rig package prior to stacking to ensure residual drilling mud is removed to prevent corrosion/rust AND
2. The bunding underneath was insufficient to contain wash water.

Why did [1 Why?] occur?

The bunding sustained damage when moving/skidding equipment between wells. The bunding was in multiple small pieces which had shifted and allowed water to seep between and under each individual piece. AND as bore water being used for the washing process, the holes in the bunding were not recognised by the rig crew as a potential contaminant/hazard.
Washing down the rig was not contemplated when the bunding was ordered and bunding size / shape had been revised from the earlier campaign.

Why did [2 Why?] occur?

Planning of activities and subsequent bunding requirements did not take into consideration the washdown requirements at the end of the campaign. Rather than one large piece of bunding, several smaller pieces were ordered to minimize the chance of damage when the rig skidded between well locations. No skidding was performed on the last campaign. and the effect of this action on the bunding was not considered.

Why did [3 Why?] occur?

The previous campaign did not require the rig to skid between wells AND H&P had not previously requested to wash down the rig.

Why did [4 Why?] occur?

-

Learnings

While site and rig specific planning, layout diagrams and bunding plans were developed, reviewed and agreed upon prior to operations commencing, the washing of rig equipment prior to stacking was not contemplated. An alternative solution will need to be developed and material selection reviewed.

Actions

Actions

Action

Action Number
ACT-0000678

Date Raised
07/02/2025

Assigned By
Boorman, James,

Due Date
28/02/2025

Assigned To
Boorman, James,

Have you spoken to this person?
Yes

Action Source
Incident/Event Management

Priority
-

Action Summary
Review and revise the bunding strategy for the rig with H&P management

Action Description
-

Action Progress
-

Supporting Documentation

File Storage

-

Action Completion

Completion Category

-

Completed By

-

Completion Date

-

Completion Comments

-

Action

Action Number

ACT-0000681

Date Raised

13/02/2025

Assigned By

Bertini, Gabrielle, Health, Safety, Environment Manager

Due Date

23/03/2025

Assigned To

Field HSE, Tamboran,

Have you spoken to this person?

No

Action Source

Incident/Event Management

Priority

-

Action Summary

Environmental awareness toolbox discussion

Action Description

As part of safety Sunday, conduct environmental awareness session with crews currently on site. Discussion to include environmental hazards and Tamboran's expectation to stop the job when they are identified.

Action Progress

-

Supporting Documentation

File Storage

250223-Prestart-SS2-Savanna AM.pdf

250223-Prestart-SS2-Savanna PM.pdf

Tamboran Environmental Work Instruction REV3 - chemicals - ACTION REQUIRED.msg

Action Completion

Completion Category
Complete

Completed By
Field HSE, Tamboran,

Completion Date
23/02/2025

Completion Comments
Completed. See attached pre-tour meetings sheets and email sent out.

Investigation Submission

Is the Investigation Complete?
Yes

Detailed Description of Investigation Findings
1. The bunding was not sufficient to hold all of the wash-water. It had sustained damage when skidding equipment between the two wells.
2. The bunding was made up of multiple separate bunds which was sufficient for the drilling operations however, the size was unsuitable for washing and this allowed water to seep between and underneath the pieces of bunding during the wash down.
3. Site and rig specific planning, layout diagrams and bunding plans were developed and agreed prior to operations commencing. However, the planning and sizing of bunding did not encompass the washing of rig equipment prior to stacking.
4. Personnel undertaking the task did not recognise the overflowing bunding as a potential hazard therefore did not stop the task or seek guidance from Tamboran prior to continuing.
5. The water to grade was predominantly bore water with some residual drilling mud. None of the free fluid left the bunded wellsite.

Corrective Actions
1. Impacted soil was cleaned up, stockpiled in skip bins and sampled.
2. Wash-down of rig and equipment to be included in planning for CY25 drilling campaign
3. Review and revise bunding requirements and strategy in conjunction with H&P. Review to include size, shape and material to ensure suitability of the rig to skid without damaging.
4. Environmental toolboxes talk and daily pre-start discussions to cover off on environmental obligations, hazards and stop the job expectations in respect to spills and releases.

Investigation Completion Date
07/02/2025

Person nominated to complete Incident Sign Off
Boorman, James,

Related Records

Related Obligations

-

Supporting Documentation

File Storage

SS2-contaminated soil recovered from under drill rig2.JPG

SS2-contaminated soil recovered from under drill rig3.JPG

PDF

ES2500876_0_COA.pdf

SUPPORTING DOCUMENTS

- Incident: INC-0000112 extract

Incident : INC-0000112

Closed

Notification

Incident Number
INC-0000112

Reported By
Field HSE, Tamboran,

Reported Date
28/01/2025

Reported Time
04:30

Incident Date
28/01/2025

Incident Time
04:30

Controlled or Monitored
Controlled

Summary
During pumping operations, the telehandler operator was attempting to pick up an IBC of hydrochloric acid (HCl) to lift into the acid storage tank when he inadvertently pierced the IBC, causing 387 litres (100 gallons) to spill onto the bunding.

Detailed Description
About 0330am a telehandler operator was trying to lift a 1000 litre acid tote off containment where it was being stored so he could take it to be offloaded into the acid storage tank. While doing so the containment started to bunch up against the acid tote. The operator tried to push down the containment with the forks of the telehandler while still trying to approach underneath the tote. The forks of the telehandler tilted up resulting in a puncture the right side of the tote spilling 387 litres (100 gallons) of acid. The operator stopped what he was doing and called for help. His crew member came over to assist and was able to tilt the tote back to stop the spill. Tamboran OCR and Field HSE were informed. Soda ash was used to neutralise the acid and clean up of the area commenced.

Immediate Action Taken
Stopped the job.
Stopped the spill by positioning IBC on angle to prevent further release of the chemical.
Covered the area with soda ash to neutralise the chemical.
Informed the supervisor and Tamboran OCR.

Latitude
-15.8034

Longitude
133.6428

Detailed Location
SS2-wellsite-chemical storage area

Location
Australia\Northern Territory\EP 98\Shenandoah S2 Well Site

Department Responsible
Tamboran\Operations\Drilling and Completions

Responsible Supervisor
Completions OCR, Tamboran,

Incident Details

All Consequences of the Incident
Environmental
Equipment Damage or Loss

Click here for help on how to complete the Actual and Potential Severity

Actual Consequence
Minor

Potential Consequence
Minor

Is it Regulatory Non-Compliance
No

People to Notify

Last Name	First Name	Position Title
AAA Tamboran Incidents	Distribution List	incidents@tamboran.com

Companies Involved

Company Name
Liberty Energy

Witnesses
-

Witnesses, if not in list
-

Environmental

Environmental

Ecological Feature
Soils

Impact Initiating Event
Spill and release

Contaminants

Contaminant Type
Chemicals Hazardous

Contaminants - Spill Classification
Level 1

Contaminants - Contaminant Source
IBC - hydrochloric acid (15%)

Volume Released (number)
387

Unit
L

Volume Recovered (number)
387

Unit
L

Area/Distance

Area Impacted (number)
0

Unit
m2

Depth of Excavation
0

Comment
EC 28/1: chemical spill was fully contained on bunding and cleaned up using soda ash. Nil spill to grade.

Equipment Damage or Loss

Equipment Damage or Loss

Damage or Loss Classification
Damage

Asset/Equipment
-

Equipment Description
1 x IBC container

Model
-

Year
-

Serial Number
-

Owner Details
-

Detail Submission

Is an Investigation Required?
Yes

Is this incident externally reportable?
No

Investigation Due Date
27/01/2025

Investigation Team Leader
Field HSE, Tamboran,

Interested Stakeholders
-

Investigation

Investigation Start Date
27/01/2025

Type of Cause Analysis Required?
5 Whys

Comments
-

Sequence of Events
-

Investigation Team

-

File Storage

-

5 Whys

Summary

During pumping operations, the telehandler operator was attempting to pick up an IBC of hydrochloric acid (HCl) to lift into the acid storage tank when he inadvertently pierced the IBC, causing 387 litres (100 gallons) to spill onto the bunding.

Why did the event occur?

The operator of the telehandler did not have clear visibility of the placement of his tynes.

Why did [1 Why?] occur?

The chemical bunding had shifted and was bunched up in front of the IBC blocking the operators view of the IBC AND a spotter was not used.

Why did [2 Why?] occur?

-

Why did [3 Why?] occur?

-

Why did [4 Why?] occur?

-

Learnings

A spotter must be used for all future movement of chemicals
Stop the job and ask for help.

Actions

Actions

-

Investigation Submission

Is the Investigation Complete?

Yes

Detailed Description of Investigation Findings

- A spotter was not used.
- The operator did not stop the job and ask for help
- Spill response was enacted quickly which ensured the whole tote of acid was not spilt.

Corrective Actions

- Ensure a spotter is used when shifting all chemical totes.
- Review lighting at the chemical storage area to confirm that is sufficient for nighttime operations.

Investigation Completion Date
04/02/2025

Person nominated to complete Incident Sign Off
Fisher, Josh, Completions Superintendent

Sign Off

Sign Off Date
14/02/2025

Person Signing Off
Fisher, Josh, Completions Superintendent

Sign Off Comments
Completed - AAR to be cascaded for future scope

Close this Record?
Yes

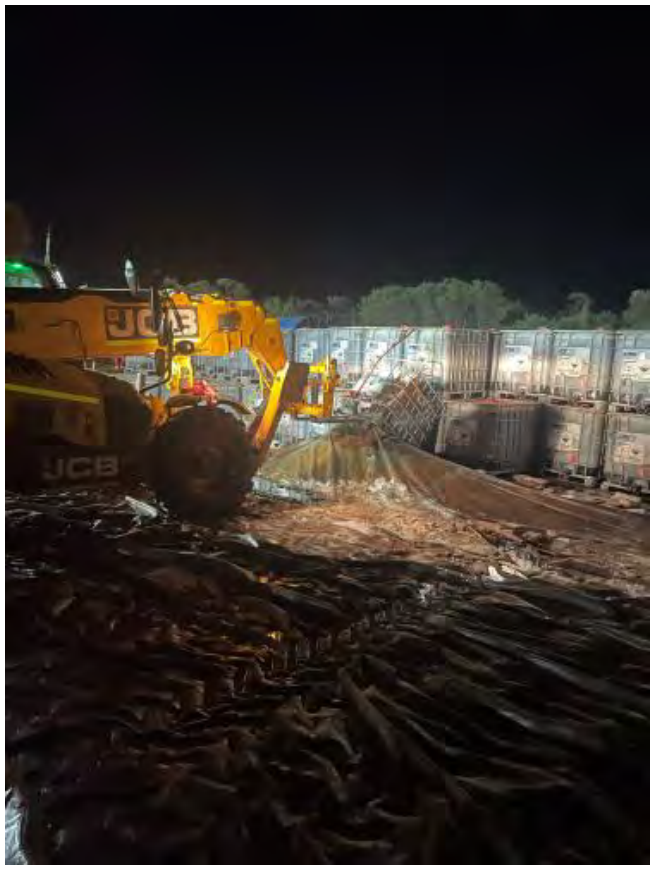
Related Records

Related Obligations
-

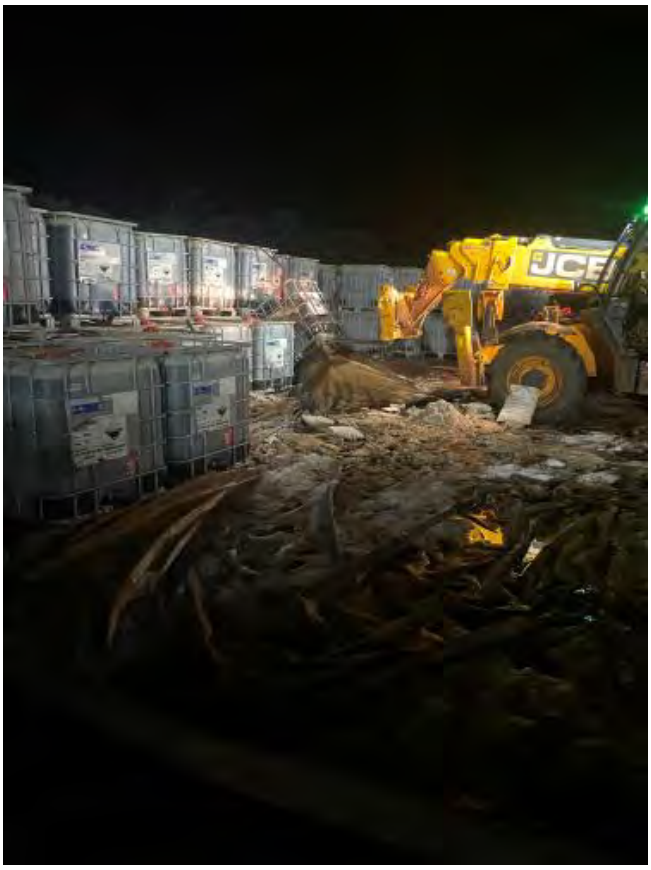
Supporting Documentation

File Storage

Acid 1.jpg



Acid 2.jpg



Acid 3.jpg

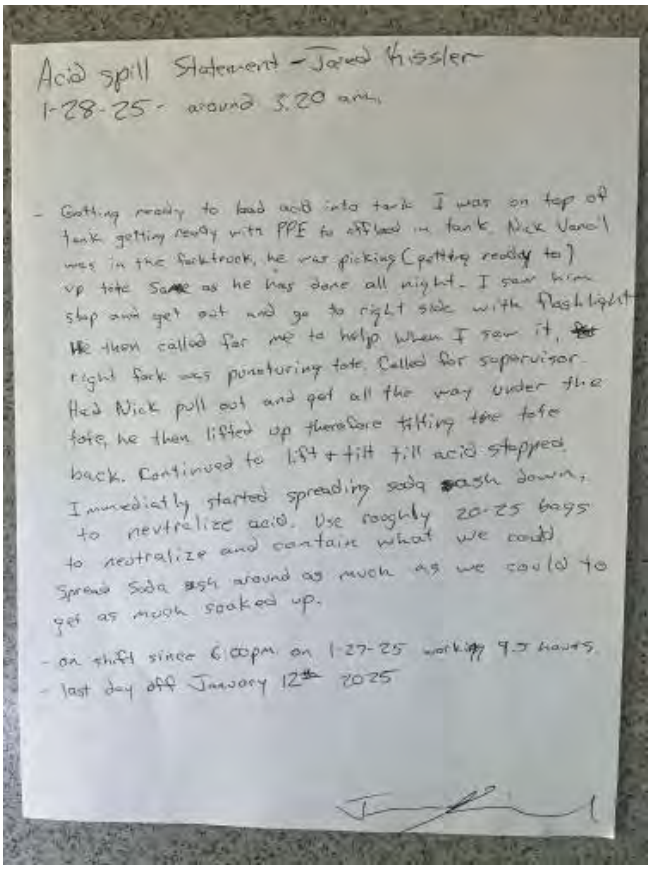
ACID SPILL STATEMENT 1-28-25

last day off 1-13-25

~~I DID~~

I DROVE THE FORKLIFT OVER TO ACID STAGING AREA TO GET THE FIRST TOTE FOR RELOAD. THE TOTE I LINED UP TO PICK UP HAD SOME OF THE CONTAINMENT BLOCKING THE HOLES FOR THE FORKS, SINCE I HAD EXTRA TIME I DECIDED TO TRY AND PICKUP THE TOTE ANYWAY. I WAS GOING TO GO SLOW AND PUSH THE CONTAINMENT DOWN AND SLIDE INTO THE HOLES FOR THE FORKS, I MISS JUDGED WHERE MY RIGHT FORK WAS AND PUNCTURED THE ACID TOTE NEAR THE VALVE, I GOT OUT OF THE FORKLIFT TO SEE WHAT HAD HAPPEND, ONE I REALIZED I HAD PUNCTURED THE TOTE I CALLED FOR MY WORK PARTNER JARROD AND MY CREW LEAD JOHN, THEY ARRIVED AND HELPED GUIDE ME IN THE FORKLIFT SO I WAS ABLE TO TILT THE TOTE TO STOP THE LEAK, WE THEN CONTAINED THE SPILL WITH SODA ASH AND NUETRALIZED THE SPILL.

Acid Statement 1.jpg



Acid spill Statement - Jared Kissler

1-28-25 - around 3:20 am.

- Getting ready to load acid into tank I was on top of tank getting ready with PPE to offload in tank. Nick Vancil was in the forktruck, he was picking (getting ready to) up tote same as he has done all night. I saw him stop and get out and go to right side with flashlight. He then called for me to help when I saw it, the right fork was puncturing tote. Called for supervisor. Had Nick pull out and got all the way under the tote, he then lifted up therefore tilting the tote back. Continued to lift + tilt till acid stopped. I immediately started spreading soda ash down to neutralize acid. Use roughly 20-25 bags to neutralize and contain what we could. Spread soda ash around as much as we could to get as much soaked up.
- on shift since 6:00pm on 1-27-25 working 9.5 hours.
- last day off January 12th 2025

Acid Statement 2.jpg

Acid Spill Wallaroo 1-28-2025.docx

HCL-15B SDS.pdf

Soda Ash SDS.pdf

SUPPORTING DOCUMENTS

- Incident: INC-0000121 extract

Incident : INC-0000121

Closed

Notification

Incident Number
INC-0000121

Reported By
Court, Alana, Senior Approvals Manager

Reported Date
07/03/2025

Reported Time
15:57

Incident Date
21/01/2025

Incident Time
15:59

Controlled or Monitored
Controlled

Summary
TAM1-3 MC14i HFS activity - Failure to set level and pressure monitoring at 5-minute intervals.

Detailed Description
The ministerial condition 14i requires groundwater level and pressure monitoring for the CMB and IMB to be set at 5-minute intervals for 1 week prior, during and 1 week following HFS.
A review of the data indicated that the Anthony Lagoon Bore (ALB) CMB (RN040896) and Gum Ridge Formation (GRF) CMB (RN0401132) were set at 4-hour interval rather than 5-minute interval. It appears that the logging interval for the bores was kept at the existing baseline frequency and not the new Ministerial condition, noting it has been set on 4-hourly intervals since 2019.
It should be noted that the impact monitoring bores were set at the correct frequency. No reduction in groundwater level change detection during HFS. The CMBs are designed to provide a reference point to compare changes against the background conditions.

Immediate Action Taken
A review of the data for groundwater compliance monitoring at the Control Monitoring Bores (CMB).

Latitude
-16.8418

Longitude
133.6525

Detailed Location
RN040896 (BET-MB021) Anthony Lagoon Bed CMB and RN041132 (BET_MB022) Gum Ridge Formation CMB.

Location
Australia\Northern Territory\Darwin Office

Department Responsible
Tamboran\Strategy and Sustainability\Environment and Approvals

Responsible Supervisor
Kernke, Matt, Vice President, Environment and Approvals

Incident Details

All Consequences of the Incident
Environmental

Click here for help on how to complete the Actual and Potential Severity

Actual Consequence
Minor

Potential Consequence
Minor

Is it Regulatory Non-Compliance
Yes

People to Notify

Last Name	First Name	Position Title
Kernke	Matt	Vice President, Environment and Approvals

Companies Involved
-

Witnesses
-

Witnesses, if not in list
-

Environmental

Environmental

Ecological Feature
Groundwater

Impact Initiating Event
Other - e.g. compliance infraction

Contaminants

Contaminant Type
<Undefined>

Volume Released (number)
-

Unit
-

Volume Recovered (number)
-

Unit
-

Area/Distance

Area Impacted (number)
-

Unit
-

Distance from Sensitive Area (number)
-

Unit
-

Sensitivity Type - Area
-

Sensitivity Type - Other
-

Flora/Fauna

Species Impacted
-

Number
-

Common Name
-

Listed Species?
No

Rarity
<Undefined>

Comment
-

Vegetation Community
-

Pest - Weed Type
-

Detail Submission

Is an Investigation Required?
Yes

Is this incident externally reportable?
No

Investigation Due Date
07/03/2025

Investigation Team Leader
Court, Alana, Senior Approvals Manager

Interested Stakeholders
-

Investigation

Investigation Start Date
27/02/2025

Type of Cause Analysis Required?
5 Whys

Comments
Follow up email received from DLPE on 27 February 2025 querying how TBN is meeting Condition 14 after supplying pressure data/water level data.

Sequence of Events

Date
07/02/2025

Time
17:18

Event
DLPE site inspection on 5 February and follow up email on 7 February had DLPE wanting additional information on groundwater monitoring at IMB and CMB.

Sequence of Events

Date
10/02/2025

Time
12:00

Event
Download of the Pressure Loggers completed on 10 February and 11 February groundwater bores.

Sequence of Events

Date
21/02/2025

Time
16:39

Event
TBN responded to February 2025 DLPE inspection with requested information

Sequence of Events

Date
27/02/2025

Time
12:44

Event
DLPE email requested clarification on the supplied groundwater data and how met Condition 14 of TAM1-3.

Sequence of Events

Date
07/03/2025

Time
15:55

Event
TBN confirmed discrepancy with monitoring bore set at 4 hours on ALB CMB (RN040896) & GRF CMB (RN0401132). Confirmed in response that the discrepancy will be raised as a recordable incident.

Sequence of Events

Date
14/03/2025

Time
12:00

Event
The Q4 monitoring event, Impact Monitoring Bore (IMB) and Control Monitoring Bore (CMB) were set to 5-minute intervals in preparation for HFS. CMB's were not changed.

Sequence of Events

Date
14/03/2025

Time
12:00

Event
TBN contractor planning to adjust the ALB CMB (RN040896) and GRF CMB (RN0401132) - to 5-minute intervals during this monitoring round.

Investigation Team

Last Name	First Name	Position Title
Court	Alana	Senior Approvals Manager
Kernke	Matt	Vice President, Environment and Approvals

File Storage
-

5 Whys

Summary
TAM1-3 MC14i HFS activity - Failure to set level and pressure monitoring at 5-minute intervals.

Why did the event occur?
Failure to implement ministerial condition 14i for TAM1-3 which requires 5-minute intervals on the CMB for HFS activities.

Why did [1 Why?] occur?
A compliance action plan was not assigned for ministerial condition 14i.

Why did [2 Why?] occur?
-

Why did [3 Why?] occur?
-

Why did [4 Why?] occur?
-

Learnings
-

Actions

Actions

Action

Action Number
ACT-0000715

Date Raised
14/03/2025

Assigned By
Court, Alana, Senior Approvals Manager

Due Date
28/03/2025

Assigned To
Wear, Robert, Beetaloo Field Manager

Have you spoken to this person?
No

Action Source
Incident/Event Management

Priority
High

Action Summary
Tamboran Contractor to update loggers to 5-minute intervals for ALB and GRF CMBs.

Action Description
Konan's hydrologist to completed during March 2025 monitoring round.

Action Progress

Date	Updated By	Comments
01/04/2025	Court, Alana, Senior Approvals Manager	Tamboran Contractor changed interval to 5 minutes at CMB and IMB

Supporting Documentation

File Storage
-

Action Completion

Completion Category
Complete

Completed By
Court, Alana, Senior Approvals Manager

Completion Date
01/04/2025

Completion Comments
Confirmation from hydrologist that task has been completed.

Action

Action Number
ACT-0000710

Date Raised
07/03/2025

Assigned By
Kernke, Matt, Vice President, Environment and Approvals

Due Date
15/04/2025

Assigned To
Court, Alana, Senior Approvals Manager

Have you spoken to this person?
Yes

Action Source
Incident/Event Management

Priority
Medium

Action Summary

Include INC-0000121 in the Quarterly Recordable report for April 2025.

Action Description

-

Action Progress

Date	Updated By	Comments
01/04/2025	Court, Alana, Senior Approvals Manager	Recordable incident included in the Q1-2025 reporting for DLPE. Due 15 April 2025.

Supporting Documentation

File Storage

-

Action Completion

Completion Category

Complete

Completed By

Court, Alana, Senior Approvals Manager

Completion Date

01/04/2025

Completion Comments

Recordable included in Q1-205 report.

Investigation Submission

Is the Investigation Complete?

Yes

Detailed Description of Investigation Findings

Poor communication and understanding of the Ministerial conditions caused the error. Adjustment to loggers has been completed and now Tamboran are meeting the TAM1-3 conditions.

Corrective Actions

No further actions required

Investigation Completion Date

01/04/2025

Person nominated to complete Incident Sign Off

Court, Alana, Senior Approvals Manager

Sign Off

Sign Off Date

09/04/2025

Person Signing Off

Court, Alana, Senior Approvals Manager

Sign Off Comments

Loggers have been set to 5 minute intervals as at 17 March 2025.

Close this Record?

Yes

Related Records

Related Obligations

-

Supporting Documentation

File Storage

INC-0000121_ConfirmationLoggerste.pdf

250227_RE_DLPE_FurtherQueryGW_editBoreNumber.msg

250313_DLPE-TBN_GWrecordableFeedback.msg

250227_RE_DLPE_FurtherQueryGW.msg