



Incident Report

High Risk

Incident #	21-192
Client's Report completed & submitted?	No
Event Type	Spill (Reportable)
Energy Source	Chemical: toxic compounds, gases
EHS Coordinator	Rob Goldstone

Risk Assessment

Potential Consequence	4 - Major	Occurrence Likelihood	3 - Possible
Risk Score	12	Risk Range	High (8 - 12)

Incident Date and Shift Information

Incident Date & Time	Mon, Aug 16, 2021 7:30 AM	Investigation Date	Tue, Aug 17, 2021
Date Rotation Started	Tue, Jul 20, 2021	Rotation Type	> 28 days
Shift	Day	Days into Rotation	27

Project Information

Project	Eureka (4199434 & 4200043)	Department	Earthworks/Operations
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Responsible Party of Incident

Nuna/Subcontractor Incident?	Company
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Individuals Involved in Incident	Subcontractor
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Name of Subcontractor(s) Personnel Involved	<table><tr><th>Name of Subcontractor Personnel</th></tr><tr><td>Grant McEwan</td></tr></table>	Name of Subcontractor Personnel	Grant McEwan
Name of Subcontractor Personnel			
Grant McEwan			
Subcontractor Immediate Supervisor	Joe Kriston		

Witness	<table><tr><th>Name(s) of Witness</th><th>Statement Attached</th></tr><tr><td>Grant McEwan</td><td>Yes</td></tr></table>	Name(s) of Witness	Statement Attached	Grant McEwan	Yes
Name(s) of Witness	Statement Attached				
Grant McEwan	Yes				

Incident Description

Description of Incident	At approximately 0730 hrs, dayshift mechanic was down at the blacktop laydown and noticed a cube of waste oil had released approximately 800 litres of waste oil onto the ground. The same mechanic had last been at the laydown at 1600 hrs the day before and no spill had occurred at that time. Both day and night shifts were interviewed and neither crew admitted to being in the area between 1600 Aug 15 and 0730 Aug 16. There is no evidence of damage to the waste oil cube, however the valve on the cube was found in the fully open position. It is unknown if there was cap on the spout of the oil cube. No cap was found in the area.
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Personal Specimen Sample Required?	No
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Amount Released	800L
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Reason	No personnel involved in incident.
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Date & Time of Last Contact with Supervisor Prior to Incident	Mon, Aug 16, 2021 6:00 AM
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First Aid Provided?	No
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Investigation

Incident Level	Level 2
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Root Cause

Substandard Acts	Applicable	Comments
3. Failure to Secure	Applicable	There are no locks on the waste oil cubes to prevent them from being opened
5. Making Safety Devices Inoperative	Applicable	It is suspected that the valve on the oil cube was intentionally opened by an unknown person.

None

Root Cause(s) of Incident	<p>The valve on the cube is a 2 stage valve and takes 18 - 20 lbs of pressure to turn the handle. The first stage stops the handle at partially open. It requires additional pressure to turn the valve to the fully open stage. Temperature would not have affected the cube. The high on Aug 15 was 12 degrees and the overnight temperature dropped to 2 degrees. The internal pressure of the waste oil would have made it impossible for the valve to open on its' own. We believe the valve could only be opened by human intervention.</p>
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Contributing Factors

Contributing Factor(s)	Applicable	Comments
Abuse		
8.1.1 Intentional	Applicable	It is suspected that the valve on the oil cube was intentionally opened by an unknown person.
Engineering		
10.6 Inadequate or improper controls in place	Applicable	Waste oil cube was not in secondary containment

Immediate Corrective Actions

Immediate Corrective Actions Taken	Description	
	Spilled waste oil material was cleaned up and placed in the landfill for contaminated material.	
	All waste oil cubes have been transferred into empty fuel cubes that have secondary containment.	

Sign Off & Approval

Approval Status	Rejected
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EHS Coordinator	Rob Goldstone
Supervisor	Joseph (Joe) Kriston
Site Superintendent	Joseph (Joe) Kriston
Site Project Manager	Robert (Rob) Cook

EHS Manager	Corey Kinsey
Construction Manager	Brent Saive
HR Manager	Emma Brookman
VP Operation	Len McHale
Chief Operating Officer	Miles Safranovich

Incident Images

Image	Image





