District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	Napp2232731776
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: 3 Bear Delaware Operating – NM, LLC	OGRID: 372603
Contact Name: Kevin Adams	Contact Telephone: (409) 553-1480
Contact email: kevin.adams@delekus.com	Incident # *(assigned by OCD)*
Contact mailing address: 12700 Park Central Drive, Suite 700 Dallas, TX 75271	

Location of Release Source

Latitude 32.54236 Longitude -103.52573
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Libby Gas Plant	Site Type: Cryogenic gas separation facility
Date Release Discovered:	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
I	26	20S	36E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (*Name: 3Bear*)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☒ Condensate	Volume Released (bbls): 0 (Est 1 bbl Burned)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf): 0 (Burned)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release: An upset caused ejection from the flare. Ejected material burned on the ground.		

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State of New Mexico
Oil Conservation Division

Incident ID	
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Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Only because there was a fire (a major release by definition). Released liquids and gasses were burned in the fire.

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
Yes, Kevin Adams email at 8:40 AM on 11/23/22 to Rosa Romero with OCD and Lorenzo Valasquez with LEPC

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been BURNED by the fire.
☒ All free liquids and recoverable materials have been BURNED by the fire.

If all the actions described above have not been undertaken, explain why:

Ejecta was burned by the fire. Confirmation samples have been analyzed and that report is included for closure.

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Kevin Adams Title: Senior Manager, Environmental

Signature: Kevin M. Adams Date: 3/23/23

email: Kevin.Adams@Delekus.com Telephone: 409 553-1480

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	Not Applicable (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data (see laboratory report)
- ☒ Data table of soil contaminant concentration data
- ☐ Depth to water determination (**Not Applicable – Release Burned with Confirmation Soil Sample**)
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of release (**Not Applicable – Burned**)
- ☐ Boring or excavation logs (**Not Applicable – Burned**)
- ☒ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Kevin Adams Title: Senior Manager, Environmental

Signature: Kevin M. Adams Date: 3/23/23

email: Kevin.Adams@Delekus.com Telephone: 409 553-1480

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- ☐ Detailed description of proposed remediation technique (**Not Applicable – Release Burned with Confirmation Soil Sample**)
- ☐ Scaled sitemap with GPS coordinates showing delineation points (**Not Applicable – Release Burned - Confirmation Soil Sample**)
- ☐ Estimated volume of material to be remediated (**Not Applicable – Release Burned with Confirmation Soil Sample**)
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC (**Not Applicable – Release Burned**)
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required) (**Burned**)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction. (**Not Applicable – Release Burned**)

☐ Extents of contamination must be fully delineated. (**Not Applicable – Release Burned**)

☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater. (**Release Burned**)

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Kevin Adams Title: Senior Manager, Environmental

Signature: Kevin M. Adams Date: 3/23/23

email: Kevin.Adams@Delekus.com Telephone: 409 553-1480

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

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Page 6

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC(**Not Applicable – Release Burned with Confirmation Soil Sample**)

☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection) (**Not Applicable – Release Burned with Confirmation Soil Sample**)

☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☐ Description of remediation activities(**Confirmation Soil Sample**)

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Kevin Adams Title: Senior Manager, Environmental

Signature: Kevin M. Adams Date: 3/23/23

email: Kevin.Adams@Delekus.com Telephone: 409 553-1480

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Jennifer Nobui Date: 05/10/2023

Printed Name: Jennifer Nobui Title: Environmental Specialist A

Delek Logistics, LLC

March 24, 2023

Mike Bratcher
Incidents Manager
NMOCD District 2
811 South First Street
Artesia, NM 88210

VIA: OCD Permitting Fee Portal

Re: Libby Gas Plant Flare Fire Closure Report
Formerly Operated by 3Bear Field Services LLC
OGRID: 372603
Incident Number: Napp2232731776

Dear Mr. Bratcher,

As previously discussed, this summary report is being sent with relevant details to close your file subsequent to acquisition from 3Bear by Delek Logistics, LLC (Delek). The flare fire happened during a malfunction on November 23, 2022 at the 3Bear Libby Gas Plant. We estimated one barrel of liquid was ejected on fire from the flare and burned on the ground. Sampling results of the charred area indicate no surface environmental impact by hydrocarbons; therefore, there was no threat to subsurface soil or groundwater from this incident. We are hopeful that this brief report with attachments will justify closure.

You have communicated that there is no need to complete a full-blown investigation pursuant to NMAC Title 19 – Natural Resources and Wildlife, Chapter 15 Oil and Gas, Part 29 Release Notification, Sections 11 and 12 (Site Assessment/Characterization, Remediation and Closure) when it can be confirmed that there was no release of hydrocarbon to the subsurface.

Delek Logistics, LLC

Soil sampling was conducted within the charred area in the vicinity of the flare fire for analysis of Total Petroleum Hydrocarbons (GRO/DRO/ORO), BTEX, and Chloride. Attached soil analytical results indicate no TPH or BTEX above reporting limits, and negligible Chloride (74.2 mg/K). Photographs depicting the charred sampled area and the source flare fire are included with this C-141 Closure Report. Sampling results are summarized below and the analytical report is attached for reference.

Sampling Analytical Results for the Libby Gas Plant Flare Fire Event

Sample ID	Date Sampled	TPH (mg/Kg)			BTEX (mg/Kg)			
		TPH (C6 to C10)	TPH (>C10 to C28)	TPH (>C28 to C36)	Benzene	Toluene	Ethyl-benzene	Xylenes (total)
CS-1-022323	2/23/2023	<50.0 (U)	<50.0 (U)	<50.0 (U)	<0.00201 (U)	<0.00201 (U)	<0.00201 (U)	<0.00402 (U)

Chloride was detected at 74.2 mg/Kg. The (U) Qualifier indicates that the analyte was analyzed but not detected; qualifiers are summarized on the attached analytical report.

The apparent root cause of this incident was system upset resulting in fuel ignition at the flare. Processing equipment and storage tanks were not compromised during this incident.

This incident was reported pursuant to 19 NM Admin Code 19.15.29.10. Because the incident was a fire, it was categorized as a “Major Release”; however, the fire was extinguished upon consumption of fuel on the ground surface. Per your direction, the C-141 Closure form is attached.

Delek Logistics, LLC

If you have any questions regarding this submittal, please contact me at (409) 553-1480 or Kevin.Adams@delekus.com.

Sincerely,

Kevin Adams
Senior Manager, Environmental
12700 Park Central Suite 700
Dallas, TX 75251

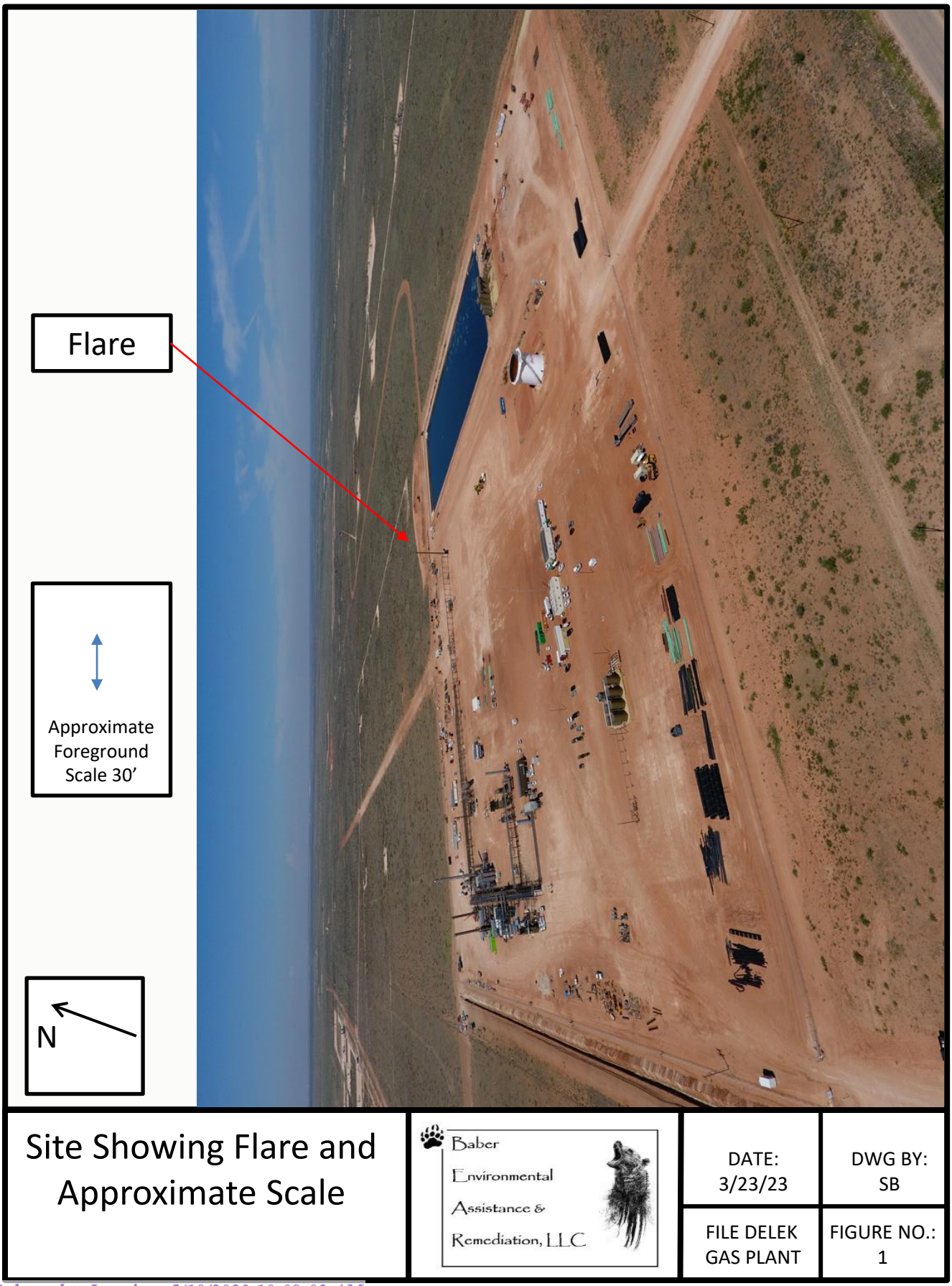
Attachments

Figure 1 – Oblique Aerial Showing Site Layout

Photos of the Charred/Sampled Area and Flare Fire in Progress

Laboratory Analytical Report

C-141 Closure Form



Site Showing Flare and Approximate Scale

Baber Environmental Assistance & Remediation, LLC

DATE: 3/23/23	DWG BY: SB
FILE DELEK GAS PLANT	FIGURE NO.: 1

Photographs (Flare Fire Location 32.54236 -103.52573) Historical Aerials, November 22, 2022 Fire, and Sampled Charred Area

Photographs (Flare Fire Location 32.54236 -103.52573) Historical Aerials, November 22, 2022 Fire, and Sampled Charred Area

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: James (J.T.) Murrey
GHD Services Inc.
2135 South Loop 250 West
Midland, Texas 79703

Generated 3/15/2023 2:44:41 PM Revision 2

JOB DESCRIPTION

Libby Gas Plant Flare Fire/NMOC Incident napp22327
SDG NUMBER 12596573

JOB NUMBER

880-25172-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

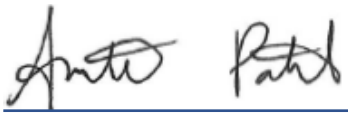
my EOL

Eurofins Midland

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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3/15/2023 2:44:41 PM
Revision 2

Authorized for release by
Anita Patel, Project Manager
Anita.Patel@et.eurofinsus.com
Designee for
Debbie Simmons, Project Manager
Debbie.Simmons@et.eurofinsus.com
(832)986-6768

Client: GHD Services Inc.
Project/Site: Libby Gas Plant Flare Fire/NMOC Incident napp22327

Laboratory Job ID: 880-25172-1
SDG: 12596573

Table of Contents

Definitions/Glossary

Client: GHD Services Inc.
Project/Site: Libby Gas Plant Flare Fire/NMOC Incident
napp22327

Job ID: 880-25172-1
SDG: 12596573

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: GHD Services Inc. Job ID: 880-25172-1
Project/Site: Libby Gas Plant Flare Fire/NMOC Incident napp22327 SDG: 12596573

Job ID: 880-25172-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-25172-1

Comments
No additional comments.

Revision
The report being provided is a revision of the original report sent on 3/9/2023. The report (revision 2) is being revised due to: Updating the job description as well as inlcuing a revised COC.

Report revision history
Revision 1 - 3/10/2023 - Reason - Updating the job description as well as inlcuing a revised COC.

Receipt
The sample was received on 2/24/2023 3:55 PM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.5º C.

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-1-022323 (880-25172-1) and (CCV 880-48086/33). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-48086 recovered above the upper control limit for Benzene, Toluene, Ethylbenzene, m-Xylene & p-Xylene and o-Xylene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-48086/2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method 8015B NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-47356 and analytical batch 880-47599 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

Client: GHD Services Inc.
Project/Site: Libby Gas Plant Flare Fire/NMOC Incident
napp22327

Job ID: 880-25172-1
SDG: 12596573

Client Sample ID: CS-1-022323
Date Collected: 02/23/23 09:30
Date Received: 02/24/23 15:55

Lab Sample ID: 880-25172-1
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/01/23 12:41	03/08/23 22:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/01/23 12:41	03/08/23 22:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/01/23 12:41	03/08/23 22:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/01/23 12:41	03/08/23 22:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/01/23 12:41	03/08/23 22:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/01/23 12:41	03/08/23 22:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*198*	*S1+*	*70 - 130*	*03/01/23 12:41*	*03/08/23 22:29*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*03/01/23 12:41*	*03/08/23 22:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/09/23 14:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/03/23 12:43	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/27/23 16:37	03/02/23 17:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		02/27/23 16:37	03/02/23 17:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/23 16:37	03/02/23 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*02/27/23 16:37*	*03/02/23 17:27*	*1*
o-Terphenyl	*91*		*70 - 130*	*02/27/23 16:37*	*03/02/23 17:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**74.2**		4.96		mg/Kg			03/02/23 11:46	1

Surrogate Summary

Client: GHD Services Inc.
Project/Site: Libby Gas Plant Flare Fire/NMOC Incident
napp22327

Job ID: 880-25172-1
SDG: 12596573

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-25172-1	CS-1-022323	198 S1+	74
LCS 880-47534/1-A	Lab Control Sample	151 S1+	74
LCSD 880-47534/2-A	Lab Control Sample Dup	158 S1+	83
MB 880-47534/5-A	Method Blank	117	70

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-25172-1	CS-1-022323	84	91
LCS 880-47356/2-A	Lab Control Sample	109	108
LCSD 880-47356/3-A	Lab Control Sample Dup	84	90
MB 880-47356/1-A	Method Blank	107	110

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: GHD Services Inc.
Project/Site: Libby Gas Plant Flare Fire/NMOC Incident
napp22327

Job ID: 880-25172-1
SDG: 12596573

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-47534/5-A
Matrix: Solid
Analysis Batch: 48086

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 47534

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/01/23 12:41	03/08/23 11:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/01/23 12:41	03/08/23 11:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/01/23 12:41	03/08/23 11:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/01/23 12:41	03/08/23 11:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/01/23 12:41	03/08/23 11:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/01/23 12:41	03/08/23 11:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*03/01/23 12:41*	*03/08/23 11:52*	*1*
1,4-Difluorobenzene (Surr)	*70*		*70 - 130*	*03/01/23 12:41*	*03/08/23 11:52*	*1*

Lab Sample ID: LCS 880-47534/1-A
Matrix: Solid
Analysis Batch: 48086

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 47534

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1244		mg/Kg		124	70 - 130		
Toluene			0.100	0.1269		mg/Kg		127	70 - 130		
Ethylbenzene			0.100	0.1222		mg/Kg		122	70 - 130		
m-Xylene & p-Xylene			0.200	0.2600		mg/Kg		130	70 - 130		
o-Xylene			0.100	0.1180		mg/Kg		118	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*151*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*

Lab Sample ID: LCSD 880-47534/2-A
Matrix: Solid
Analysis Batch: 48086

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 47534

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1181		mg/Kg		118	70 - 130	5	35
Toluene			0.100	0.1175		mg/Kg		118	70 - 130	8	35
Ethylbenzene			0.100	0.1116		mg/Kg		112	70 - 130	9	35
m-Xylene & p-Xylene			0.200	0.2415		mg/Kg		121	70 - 130	7	35
o-Xylene			0.100	0.1096		mg/Kg		110	70 - 130	7	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*158*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*

QC Sample Results

Client: GHD Services Inc.
Project/Site: Libby Gas Plant Flare Fire/NMOC Incident
napp22327

Job ID: 880-25172-1
SDG: 12596573

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-47356/1-A
Matrix: Solid
Analysis Batch: 47599

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 47356

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/27/23 16:37	03/02/23 08:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/23 16:37	03/02/23 08:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/23 16:37	03/02/23 08:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*02/27/23 16:37*	*03/02/23 08:06*	*1*
o-Terphenyl	*110*		*70 - 130*	*02/27/23 16:37*	*03/02/23 08:06*	*1*

Lab Sample ID: LCS 880-47356/2-A
Matrix: Solid
Analysis Batch: 47599

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 47356

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1047		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1126		mg/Kg		113	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*109*		*70 - 130*
o-Terphenyl	*108*		*70 - 130*

Lab Sample ID: LCSD 880-47356/3-A
Matrix: Solid
Analysis Batch: 47599

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 47356

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	912.6		mg/Kg		91	70 - 130	14	20
Diesel Range Organics (Over C10-C28)			1000	896.4	*1	mg/Kg		90	70 - 130	23	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*84*		*70 - 130*
o-Terphenyl	*90*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-47519/1-A
Matrix: Solid
Analysis Batch: 47593

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			03/02/23 08:04	1

QC Sample Results

Client: GHD Services Inc.
Project/Site: Libby Gas Plant Flare Fire/NMOC Incident
napp22327

Job ID: 880-25172-1
SDG: 12596573

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-47519/2-A
Matrix: Solid
Analysis Batch: 47593

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	249.4		mg/Kg		100	90 - 110		

Lab Sample ID: LCSD 880-47519/3-A
Matrix: Solid
Analysis Batch: 47593

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	248.5		mg/Kg		99	90 - 110	0	20

QC Association Summary

Client: GHD Services Inc.
Project/Site: Libby Gas Plant Flare Fire/NMOC Incident
napp22327

Job ID: 880-25172-1
SDG: 12596573

GC VOA

Prep Batch: 47534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25172-1	CS-1-022323	Total/NA	Solid	5035	
MB 880-47534/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-47534/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-47534/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 48086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25172-1	CS-1-022323	Total/NA	Solid	8021B	47534
MB 880-47534/5-A	Method Blank	Total/NA	Solid	8021B	47534
LCS 880-47534/1-A	Lab Control Sample	Total/NA	Solid	8021B	47534
LCSD 880-47534/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	47534

Analysis Batch: 48230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25172-1	CS-1-022323	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 47356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25172-1	CS-1-022323	Total/NA	Solid	8015NM Prep	
MB 880-47356/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-47356/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-47356/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 47599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25172-1	CS-1-022323	Total/NA	Solid	8015B NM	47356
MB 880-47356/1-A	Method Blank	Total/NA	Solid	8015B NM	47356
LCS 880-47356/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	47356
LCSD 880-47356/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	47356

Analysis Batch: 47735

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25172-1	CS-1-022323	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 47519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25172-1	CS-1-022323	Soluble	Solid	DI Leach	
MB 880-47519/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-47519/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-47519/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 47593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25172-1	CS-1-022323	Soluble	Solid	300.0	47519
MB 880-47519/1-A	Method Blank	Soluble	Solid	300.0	47519
LCS 880-47519/2-A	Lab Control Sample	Soluble	Solid	300.0	47519
LCSD 880-47519/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	47519

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Libby Gas Plant Flare Fire/NMOC Incident
napp22327

Job ID: 880-25172-1
SDG: 12596573

Client Sample ID: CS-1-022323

Date Collected: 02/23/23 09:30
Date Received: 02/24/23 15:55

Lab Sample ID: 880-25172-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	47534	03/01/23 12:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	48086	03/08/23 22:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			48230	03/09/23 14:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47735	03/03/23 12:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	47356	02/27/23 16:37	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47599	03/02/23 17:27	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	47519	03/01/23 10:41	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	47593	03/02/23 11:46	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: Libby Gas Plant Flare Fire/NMOC Incident
napp22327

Job ID: 880-25172-1
SDG: 12596573

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: GHD Services Inc.
Project/Site: Libby Gas Plant Flare Fire/NMOC Incident
napp22327

Job ID: 880-25172-1
SDG: 12596573

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: GHD Services Inc.
Project/Site: Libby Gas Plant Flare Fire/NMOC Incident
napp22327

Job ID: 880-25172-1
SDG: 12596573

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-25172-1	CS-1-022323	Solid	02/23/23 09:30	02/24/23 15:55

Chain of Custody Record

eurofins Environment Testing America

SSOW SSOW-12596573-2023-001

25172

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☑ Other **NMOCD**

Eurofins Environment Testing America

Client Contact	Project Manager: J.T. Murrey	Site Contact: JT Murrey	Date:02/23/22	COC No 1 of 1 COCs
GHD Services	Email jt.murrey@ghd com	Lab Contact:	Carrier:	TALS Project #
2135 S Loop 250 West	Tel/Fax:			Sampler: Ryan Livingston
Midland, TX 79703	**Analysis Turnaround Time**			**For Lab Use Only:**
361-252-6136	☐ CALENDAR DAYS ☑ WORKING DAYS			Walk-in Client
(xxx) xxx-xxxx FAX	TAT if different from Below			Lab Sampling
Project Name Delek Outland Booster CS	☐ 2 weeks			
Site 12596573	☑ 1 week			Job / SDG No
P O #	☐ 2 days			
	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	TPH 8015 - GRO/DRO/MRO	BTEX 8021	Chlorides	Sample Specific Notes
CS-1-022323	02/22/23	0930	G	SO	1			X	X	X	

880-25172 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification.
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: 5.8/5.5

Custody Seals Intact ☐ Yes ☐ No	Custody Seal No		Cooler Temp (°C) Obs'd _____ Corr'd _____	Therm ID No _____	
Relinquished by: for Ryan Livingston	Company: GHD	Date/Time 2/24/23	Received by:	Company:	Date/Time 2/24/23 1545
Relinquished by:	Company:	Date/Time	Received by	Company	Date/Time
Relinquished by:	Company	Date/Time	Received in Laboratory by:	Company	Date/Time

Project Manager: J.T. Murrey
Email: jtmurrey@g.d com
Tel/Fax:
Site: ct: J.T Murrey
Lab Contact:
Date: 02/23/22
Carrier:
COC No 1 of 1 COCs
TALS Project #
Sampler: Ryan Livingston
For Lab Use Only:
Walk-in Client
Lab Sampling
Job / SDG No

Analysis Turnaround Time
☐ CALENDAR DAYS ☑ WORKING DAYS
TAT if different from Below
☐ 2 weeks
☑ 1 week
☐ 2 days
☐ 1 day

Libby Gas Plant Flare fire fm

Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TPH 8015 - GRO/DRO/MRO	BTEX 8021	Chlorides	Sample Specific Notes
02/22/23	0930	G	SO	1			X	X	X	

880-25172 Chain of Custody

SO4; 4=HNO3; 5=NaOH; 6= Other

Is Waste? Please List any EPA Waste Codes for the sample in the the sample
☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☑ Disposal by Lab ☐ Archive for ____ Months

Comments: 5.8/5.5

No	Custody Seal No		Cooler Temp (°C) Obs'd	Corr'd	Therm ID No	
Livingston	Company: GHD	Date/Time 2/24/23	Received by:	Company:	Date/Time 2/24/23 1545	
	Company	Date/Time	Received by	Company	Date/Time	
	Company	Date/Time	Received in Laboratory by:	Company	Date/Time	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-25172-1
SDG Number: 12596573

Login Number: 25172
List Number: 1
Creator: Teel, Brianna

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	Napp2232731776
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: 3 Bear Delaware Operating – NM, LLC	OGRID: 372603
Contact Name: Kevin Adams	Contact Telephone: (409) 553-1480
Contact email: kevin.adams@delekus.com	Incident # *(assigned by OCD)*
Contact mailing address: 12700 Park Central Drive, Suite 700 Dallas, TX 75271	

Location of Release Source

Latitude 32.54236 Longitude -103.52573
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Libby Gas Plant	Site Type: Cryogenic gas separation facility
Date Release Discovered:	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
I	26	20S	34E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (*Name: 3Bear*)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☒ Condensate	Volume Released (bbls): 0 (Est 1 bbl Burned)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf): 0 (Burned)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: An upset caused ejection from the flare. Ejected material burned on the ground.

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2232731776
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Only because there was a fire (a major release by definition). Released liquids and gasses were burned in the fire.

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
Yes, Kevin Adams email at 8:40 AM on 11/23/22 to Rosa Romero with OCD and Lorenzo Valasquez with LEPC

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been BURNED by the fire.
☒ All free liquids and recoverable materials have been BURNED by the fire.

If all the actions described above have not been undertaken, explain why:

Ejecta was burned by the fire. Confirmation samples have been analyzed and that report is included for closure.

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Kevin Adams Title: Senior Manager, Environmental

Signature: _____ Date: 3/23/23

email: Kevin.Adams@Delekus.com Telephone: 409 553-1480

OCD Only

Received by: Jocelyn Harimon Date: 04/04/2023

Incident ID	NAPP2232731776
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	Not Applicable (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data (see laboratory report)
- ☒ Data table of soil contaminant concentration data
- ☐ Depth to water determination (**Not Applicable – Release Burned with Confirmation Soil Sample**)
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of release (**Not Applicable – Burned**)
- ☐ Boring or excavation logs (**Not Applicable – Burned**)
- ☒ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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State of New Mexico
Oil Conservation Division

Incident ID	NAPP2232731776
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Kevin Adams Title: Senior Manager, Environmental

Signature: _____ Date: 3/23/23

email: Kevin.Adams@Delekus.com Telephone: 409 553-1480

OCD Only

Received by: Jocelyn Harimon Date: 04/04/2023

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State of New Mexico
Oil Conservation Division

Incident ID	NAPP2232731776
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Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- ☐ Detailed description of proposed remediation technique (**Not Applicable – Release Burned with Confirmation Soil Sample**)
- ☐ Scaled sitemap with GPS coordinates showing delineation points (**Not Applicable – Release Burned - Confirmation Soil Sample**)
- ☐ Estimated volume of material to be remediated (**Not Applicable – Release Burned with Confirmation Soil Sample**)
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC (**Not Applicable – Release Burned**)
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required) (**Burned**)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction. (**Not Applicable – Release Burned**)

☐ Extents of contamination must be fully delineated. (**Not Applicable – Release Burned**)

☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater. (**Release Burned**)

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Printed Name: Kevin Adams Title: Senior Manager, Environmental

Signature: _____ Date: 3/23/23

email: Kevin.Adams@Delekus.com Telephone: 409 553-1480

OCD Only

Received by: Jocelyn Harimon Date: 04/04/2023

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2232731776
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC(**Not Applicable – Release Burned with Confirmation Soil Sample**)

☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection) (**Not Applicable – Release Burned with Confirmation Soil Sample**)

☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☐ Description of remediation activities(**Confirmation Soil Sample**)

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Kevin Adams Title: Senior Manager, Environmental

Signature: _____ Date: 3/23/23

email: Kevin.Adams@Delekus.com Telephone: 409 553-1480

OCD Only

Received by: Jocelyn Harimon Date: 04/04/2023

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 203640

CONDITIONS

Operator: DKL Field Services, LLC 310 Seven Springs Way Brentwood, TN 37027	OGRID: 372603
	Action Number: 203640
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Approved.	5/10/2023