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	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Wapiti Operating, LLC	OGRID: 328741
Contact Name: Randy L. Madison	Contact Telephone: 1-575-445-6706
Contact email: rmadison@wapitienergy.com	Incident # nAPP2300554472
Contact mailing address: P.O. Box 190, Raton, NM 87740	

Location of Release Source

Latitude 36.96297 Longitude -104.8452

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: VPR A-39X	Site Type: Natural Gas Well
Date Release Discovered: 12/27/22	API#: 30-007-20241

Unit Letter	Section	Township	Range	County
N	20	32N	20E	Colfax

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (*Name:* Vermejo Park Ranch)

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) 11	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☒ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release:
The piping above ground froze in the below zero weather allowing the well head to pressure up. Rubber packing on the well head became hard and shrunk in the below zero weather allowing the water to push out around the polish rod.

State of New Mexico
Oil Conservation Division

Incident ID	
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?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

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 contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

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

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: Randy L. Madison Title: HSE & Reg. Specialist Sr.

Signature: Randy L Madison Date: 1/5/23

email: rmadison@wapitienergy.com Telephone: 1-575-445-6706

OCD Only

Received by: Date:

State of New Mexico
Oil Conservation Division

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?	25 (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
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☒ 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.

Form C-141
Page 4

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: _Randy L. Madison_____ Title: _HSE & Reg. Specialist, Sr._____

Signature: Randy L Madison _____ Date: __12/4/23_____

email: _rmadison@wapitienergy.com__ Telephone: _1-575-445-6706_____

OCD Only

Received by: _____ Date: _____

Form C-141
Page 5

State of New Mexico
Oil Conservation Division

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
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

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.
- ☐ Extents of contamination must be fully delineated.
- ☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: Randy L. Madison Title: HSE & Reg. Specialist, Sr.

Signature: Randy L Madison Date: 12/4/23

email: rmadison@wapitienergy.com Telephone: 1-575-445-6706

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

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

☐ 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)

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

☐ Description of remediation activities

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: Randy L. Madison Title: HSE & Reg. Specialist, Sr.

Signature: Randy L. Madison Date: 12/4/23

email: rmadison@wapitienergy.com Telephone: 1-575-445-6706

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: Nelson Velez Date: 12/18/2023

Printed Name: Nelson Velez Title: Environmental Specialist - Adv

Executive Summary

On December 27, 2022 Wapiti Operating, LLC had a minor release of produced water at the VPR A-39X, API# 30-007-202041, nAPP2300553070. This was due to cold weather causing the packings to shrink. The release totaled approximately 11 barrels of produced water. The water never left the well pad. We had sub-zero temperatures, so the ground was frozen and the water froze on top. Due to the small amount of water released and the benign nature of Wapiti Operating, LLC's produced water no soil was removed and the water evaporated. Sampling has taken place at the surface in the area contaminated. See attached documentation. With little effect on the vegetation or the wildlife I am requesting that this release be closed. Find attached documentation.

Randy Madison

From: OCDOnline@state.nm.us
Sent: Thursday, January 5, 2023 3:08 PM
To: Randy Madison
Subject: [EXT]: The Oil Conservation Division (OCD) has accepted the application, Application ID: 173201

**** External Email ****

To whom it may concern (c/o Randy Madison for Wapiti Operating, LLC),

The OCD has accepted the submitted *Notification of a release* (NOR), for incident ID (n#) nAPP2300554472, with the following conditions:

- **When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.**

Please reference nAPP2300554472, on all subsequent C-141 submissions and communications regarding the remediation of this release.
NOTE: As of December 2019, NMOCD has discontinued the use of the "RP" number.
If you have any questions regarding this application, or don't know why you have received this email, please contact us.

ocd.enviro@state.nm.us

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

Randy Madison

From: OCDOnline@state.nm.us
Sent: Friday, April 28, 2023 9:51 AM
To: Randy Madison
Subject: [EXT]: The Oil Conservation Division (OCD) has rejected the application, Application ID: 173164

****** External Email ******

To whom it may concern (c/o Randy Madison for Wapiti Operating, LLC),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2300553070,
for the following reasons:

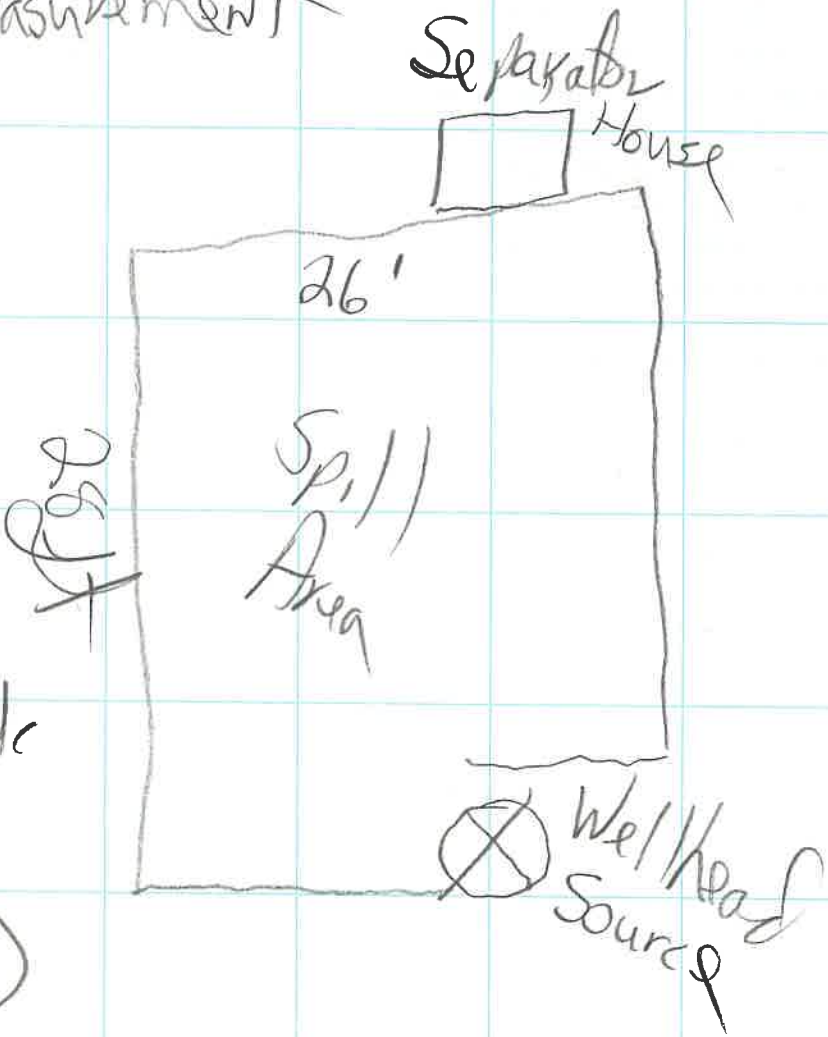
- **1. Provide supporting documentation for site assessment/characterization per 19.15.29.11 NMAC. 2. Must vertically and horizontally delineate release impacted area. 3. Must provide updated description of all remedial activities per 19.15.29.12E (1d) NMAC. 3. Must provide soil quantity impacted by release. 4. Must provide final closure/confirmation samples including vertical extent. 5. Re-submit final closure report in 60 days (deadline date: June 27, 2023).**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 173164.
Please review and make the required correction(s) prior to resubmitting.
If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,
Nelson Velez
Environmental Specialist - Advanced
505-469-6146
Nelson.Velez@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

A-39X Measurement



D' by W' by L'

5.62

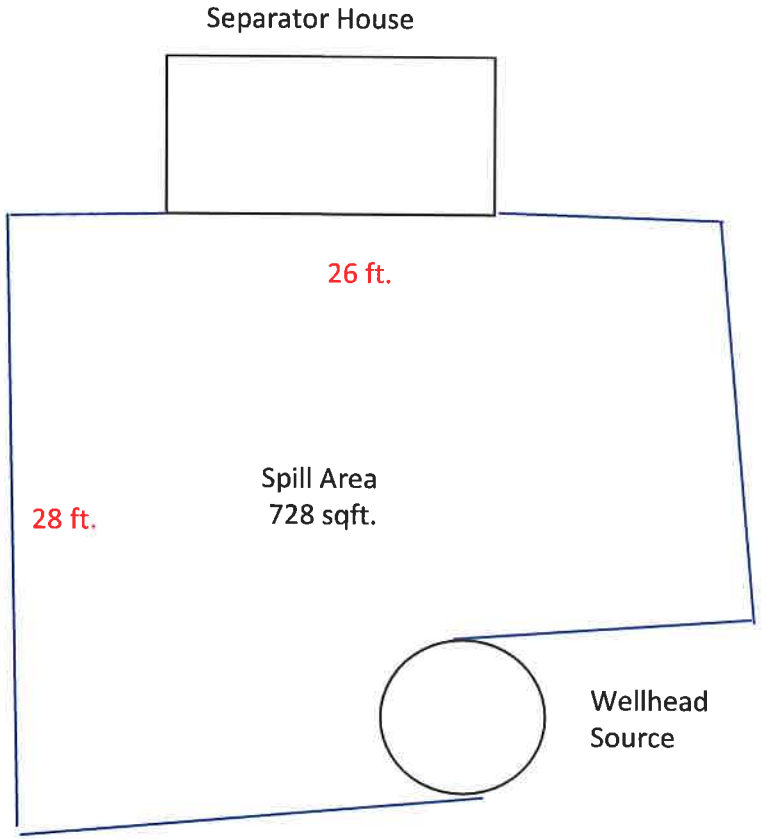
1" by 26' by 28'

5.62 = 10,79 Barrels

11 Barrels

WAPITI OPERATING, LLC

VPR A-39X Spill with Measurements



WAPITI OPERATING, LLC

October 4, 2023

TO: Nelson Velez, Environmental Specialist
NMOCD District 3 & 4
1000 Rio Brazos Rd.
Aztec, NM 87401

FR: Randy L. Madison, HSE & Reg. Specialist Sr.

REF: Minor Release of Produced Water VPR A-39X, API # 30-007-20241, nAPP2300554472
Request for a 60-day extension on the final submission

Mr. Velez,
Wapiti Operating, LLC is requesting a 600-day extension on the Final Closure. This would extend the date to December 6, 2023. We will need additional time for the soil samples to be processed. Thank you in advance.

Sincerely,

Randy L Madison

Randy L. Madison

Randy Madison

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Wednesday, October 4, 2023 1:11 PM
To: Randy Madison
Subject: [EXT]: Re: [EXTERNAL] Closure Extension

**** External Email ****

Hi Randy,

Your 60-day time extension request discussed this morning on the phone is approved. Remediation Due date has been updated to Dec. 4, 2023 within the incident page.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

Regards,

Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Randy Madison <RMadison@WapitiEnergy.com>
Sent: Wednesday, October 4, 2023 9:59 AM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Subject: [EXTERNAL] Closure Extension

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Nelson,
Please find attached a request for and extension. Thank you for your consideration in this matter.
Randy

Randy L. Madison, HSE & Regulatory Specialist, Sr.
Wapiti Operating, LLC
P.O. Box 190

309 Silver St.
Raton, NM 87740
Office 575-445-6706
Cell 575-420-1120
rmadison@wapitienergy.com

Your message is ready to be sent with the following file or link attachments:

Closure Extension Signed

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

WAPITI OPERATING, LLC

October 5, 2023

TO: Nelson Velez, Environmental Specialist
NMOCD District 3 & 4
1000 Rio Brazos Rd.
Aztec, NM 87401

FR: Randy L. Madison, HSE & Reg. Specialist Sr.

REF: Minor Release of Produced Water VPR A-39, API # 30-007-20241, nAPP2300554472

Mr. Velez,
Wapiti Operating, LLC is requesting a variance to the required sampling area per 19.15.29.12.D (1a). Wapiti is requesting the 200 square feet requirement be waived to 500 square feet.

The following is justification for the request:

1. The ground was frozen hard and the water did not leave the pad. By sampling ever 500 square feet this should give NMOCD a fair representation of the soil.
2. Wapiti Operating, LLC has found that from past sampling that these minor releases of produced water have little impact on the land uses or environment. Long term or negative effects to soil and chemistry from low volume acute CBM produced water are generally surficial and benign, in that the water does not contain crude oil, or liquid hydrocarbons. The TDS is significantly less than 10,000 mg/l.

Upon approval of this variance Wapiti will submit a sampling plan per 19.15.29.12.D (2a). See the attached drawing. Thanks for your consideration in this matter.

Sincerely,

Randy L. Madison

Randy Madison

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Thursday, October 5, 2023 2:53 PM
To: Randy Madison
Subject: [EXT]: Re: [EXTERNAL] Sample Variance 10-5-23 Signed

**** External Email ****

Hi Randy,

Your request for composite sampling not to exceed 500 square feet is approved.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Regards,

Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Randy Madison <RMadison@WapitiEnergy.com>
Sent: Thursday, October 5, 2023 1:15 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Subject: [EXTERNAL] Sample Variance 10-5-23 Signed

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Nelson,
I did not attach the signed letter.
Thanks

Randy

Randy L. Madison, HSE & Regulatory Specialist, Sr.
Wapiti Operating, LLC
P.O. Box 190
309 Silver St.
Raton, NM 87740
Office 575-445-6706
Cell 575-420-1120
rmadison@wapitienergy.com

Your message is ready to be sent with the following file or link attachments:

Sample Variance 10-5-23 Signed

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

WAPITI OPERATING, LLC

October 12, 2023

TO: Nelson Velez, Environmental Specialist
NMOCD District 3 & 4
1000 Rio Brazos Rd.
Aztec, NM 87401

FR: Randy L. Madison, HSE & Reg. Specialist Sr.

REF: Minor Release of Produced Water VPR A-39, API # 30-007-20241, nAPP2300554472

Mr. Velez,
Wapiti Operating, LLC is submitting the following sampling plan for the above mention incident. The areas are referenced in the attached drawing.

Wapiti will complete 2 Composite samples in the spill area with 5 aliquots per composite sample. There is a total of 728 ft.

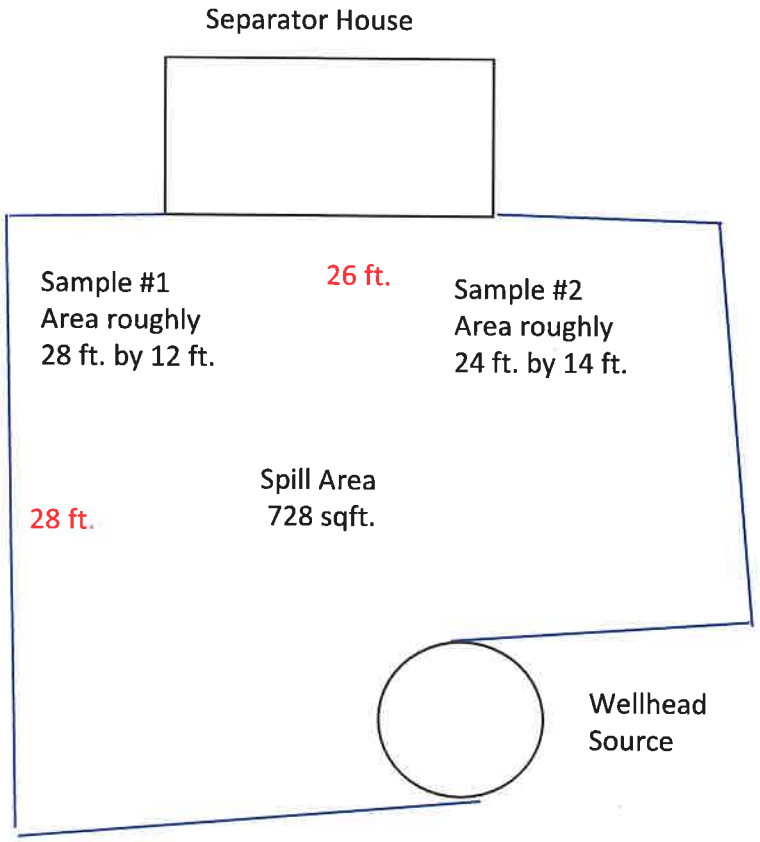
The analysis will be done to Table 1 requirements 19.15.29.12.

Sincerely,

Randy L. Madison

WAPITI OPERATING, LLC

VPR A-39X Spill with Measurements



Randy Madison

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Friday, October 13, 2023 12:29 PM
To: Randy Madison
Subject: [EXT]: Re: [EXTERNAL] Emailing: A-39X Sampling Drawing, A-39X Signed Sampling Plan

**** External Email ****

Good afternoon Randy,

Your sampling plan is approved.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

Regards,

Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Randy Madison <RMadison@WapitiEnergy.com>
Sent: Thursday, October 12, 2023 1:33 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Subject: [EXTERNAL] Emailing: A-39X Sampling Drawing, A-39X Signed Sampling Plan

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Nelson,
Please find attached the sampling plan for the A-39 nAPP2300554472.
Thank you,
Randy

Randy L. Madison, HSE & Regulatory Specialist, Sr.
Wapiti Operating, LLC
P.O. Box 190

309 Silver St.
Raton, NM 87740
Office 575-445-6706
Cell 575-420-1120
rmadison@wapitienergy.com

Your message is ready to be sent with the following file or link attachments:

A-39X Sampling Drawing
A-39X Signed Sampling Plan

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

Randy Madison

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Monday, October 23, 2023 4:00 PM
To: Randy Madison
Subject: [EXT]: Re: [EXTERNAL] Sample Notification

**** External Email ****

Randy,

Thank you for the notice. If an OCD representative is not on-site on the date &/or time given, please sample per 19.15.29 NMAC or from an OCD pre-approved sampling plan. For whatever reason, if the sampling timeframe is altered, please notify the OCD as soon as possible so we may adjust our schedule(s). Failure to notify the OCD of this change may result in the closure sample(s) not being accepted.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Regards,

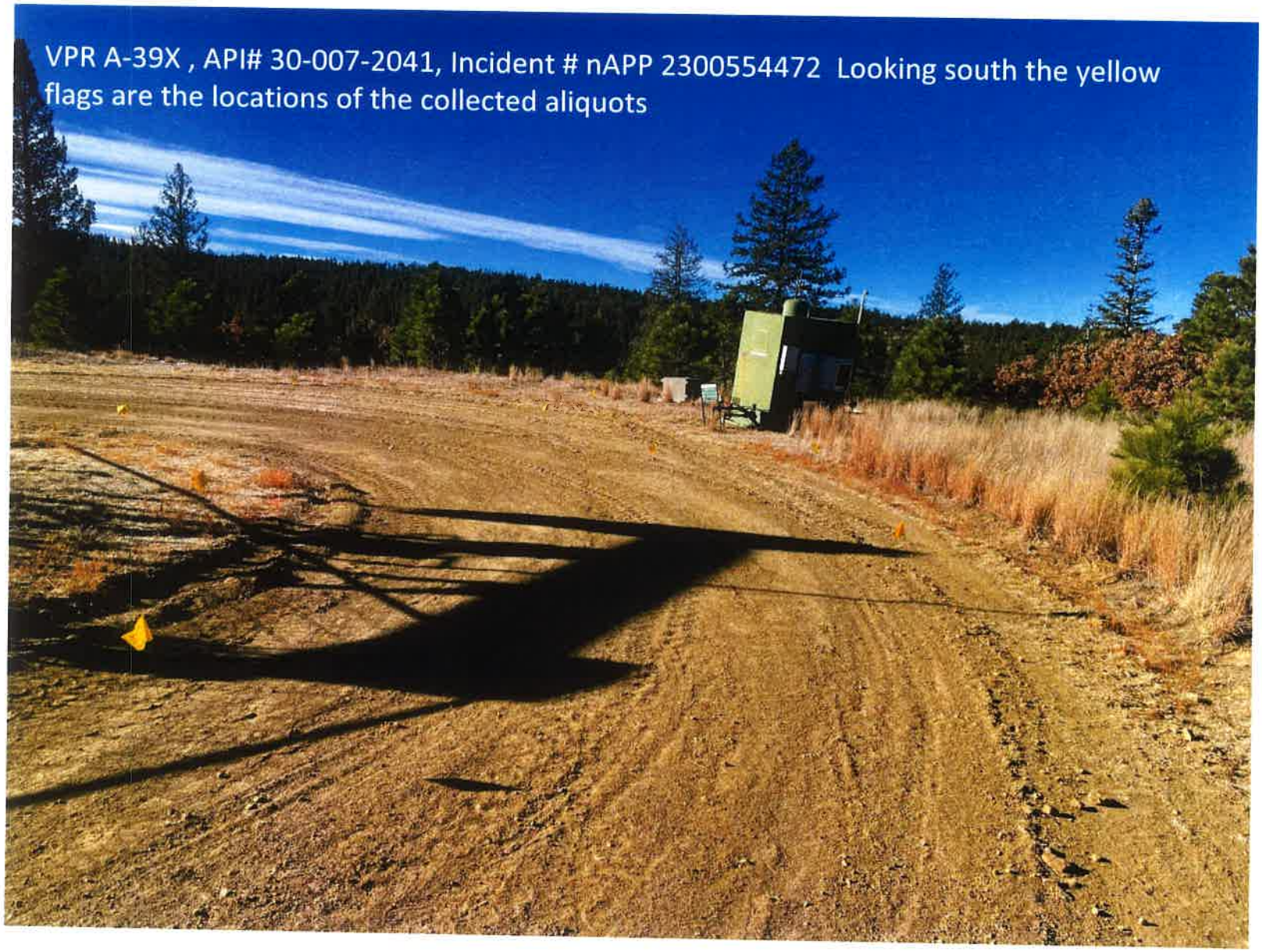
Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

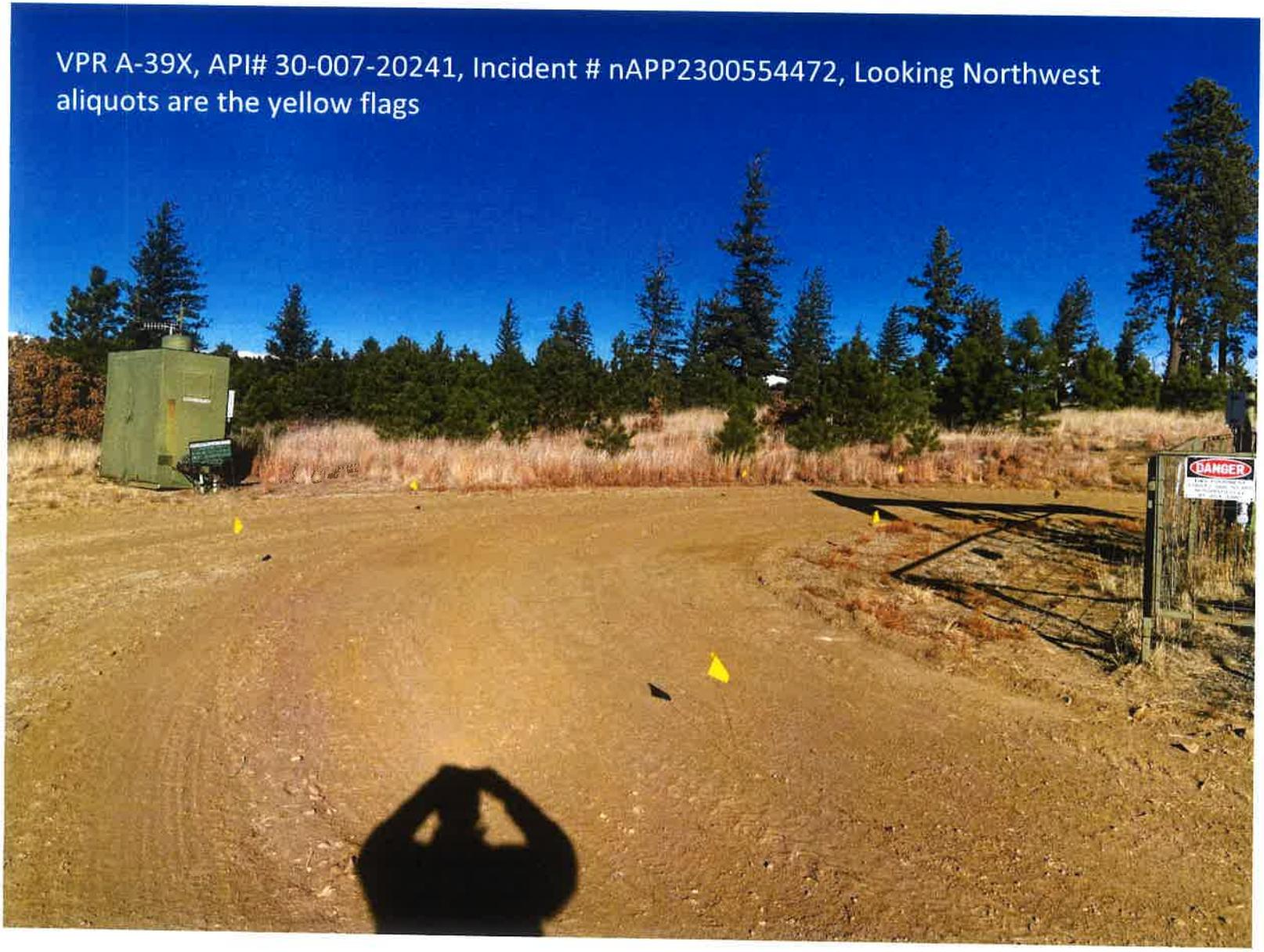
From: Randy Madison <RMadison@WapitiEnergy.com>
Sent: Monday, October 23, 2023 2:10 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Subject: [EXTERNAL] Sample Notification

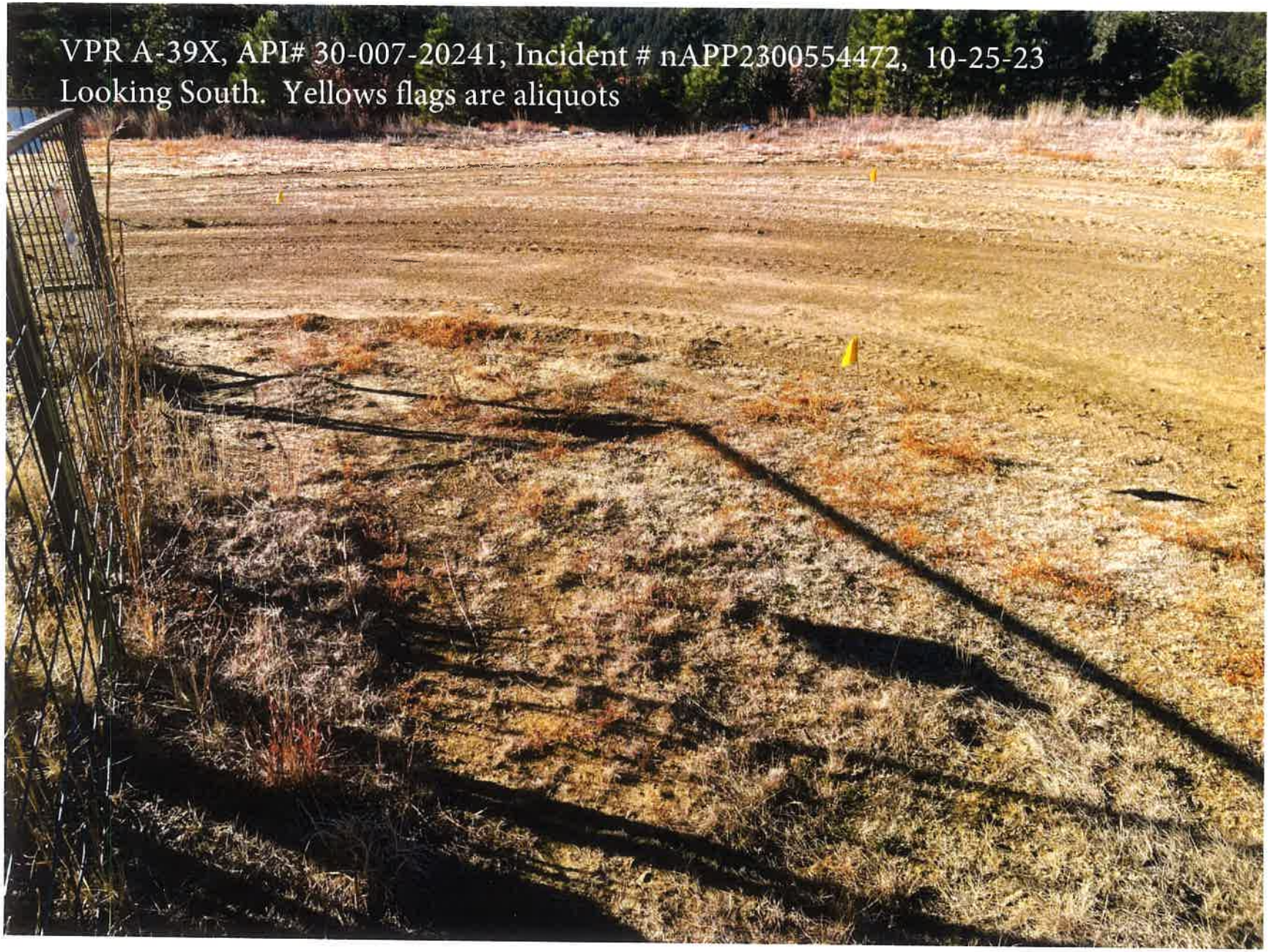
CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Nelson,
I am sending this to you as notification of sampling on the VPR A-39, API# 30-007-20241 and Incident # nAPP2300554472. I will sample the A-39 at a 0930 on 10/25/23 weather permitting.
Thank you,
Randy

Randy L. Madison, HSE & Regulatory Specialist, Sr.
Wapiti Operating, LLC
P.O. Box 190
309 Silver St.
Raton, NM 87740
Office 575-445-6706
Cell 575-420-1120
rmadison@wapitienergy.com







Wapiti Operating, LLC
Raton, NM 87740
ORGID #: 328741

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS

Location: A-39X, nAPP 2300554472

Sample Location	Date	Depth (bgs)	Benzene (mg/kg)	Total Benzene (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (mg/kg)	Chlorides (mg/kg)
Closure Criteria			**10**	**50**				**100**	**600**
Sample #1	10/25/2023	3"	0.005	0.005	2	16	48	66	30
Sample #2	10/25/2023	3"	0.0051		1.7	16	48	66	30

Notes:
bgs: below ground surface
mg/kg: milligrams per kilogram
BTEX: Benzene, Toluene, Ethylbenzene, Xylene
GRO: Gasoline Range Organics
DRO: Diesel Range Organics
MRO: Motor Oil Range Organics
TPH: Total Petrolium Hydrocarbons.

Comments: These results are no surprise. This produced water is very benign and the fact that it was below 0 degrees F when this happe

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Randy Madison
Wapiti Operating LLC
309 Silver Street
PO BOX 190
Raton, New Mexico 87740
Generated 11/30/2023 12:42:41 PM

JOB DESCRIPTION

Produced Water Spill

JOB NUMBER

280-183661-1

Eurofins Denver
4955 Yarrow Street
Arvada CO 80002

See page two for job notes and contact information.

Eurofins Denver

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization

Shelby McCabe

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11/30/2023 12:42:41 PM

Authorized for release by
Shelby McCabe, Project Manager I
Shelby.McCabe@et.eurofinsus.com
(303)736-0165

Client: Wapiti Operating LLC
Project/Site: Produced Water Spill

Laboratory Job ID: 280-183661-1

Table of Contents

Definitions/Glossary

Client: Wapiti Operating LLC
Project/Site: Produced Water Spill

Job ID: 280-183661-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*3	ISTD response or retention time outside acceptable limits.
S1+	Surrogate recovery exceeds control limits, high biased.

General Chemistry

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.

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: Wapiti Operating LLC
Project/Site: Produced Water Spill

Job ID: 280-183661-1

Job ID: 280-183661-1

Laboratory: Eurofins Denver

Narrative

CASE NARRATIVE

Client: Wapiti Operating LLC

Project: Produced Water Spill

Report Number: 280-183661-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 10/26/2023 9:35 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.3° C.

VOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples Sample #1 (280-183661-1) and Sample #2 (280-183661-2) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with SW 846 8260D. The samples were analyzed on 11/07/2023.

1,2-Dichloroethane-d4 (Surr) and Dibromofluoromethane (Surr) failed the surrogate recovery criteria high for Sample #2 (280-183661-2). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Internal standard (ISTD) response for the following sample was outside control limits: Sample #2 (280-183661-2). The sample was re-extracted and/or re-analyzed and ISTD response was outside control limits.

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

GASOLINE RANGE ORGANICS (GRO)
Samples Sample #1 (280-183661-1) and Sample #2 (280-183661-2) were analyzed for Gasoline Range Organics (GRO) in accordance with EPA SW-846 Method 8015C - GRO. The samples were prepared on 10/31/2023 and analyzed on 11/01/2023.

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

DIESEL RANGE ORGANICS
Samples Sample #1 (280-183661-1) and Sample #2 (280-183661-2) were analyzed for diesel range organics in accordance with EPA SW-846 Method 8015C - DRO. The samples were prepared on 10/30/2023 and analyzed on 11/03/2023 and 11/04/2023.

The continuing calibration verification (CCV) associated with batch 280-632431 recovered above the upper control limit for Diesel Range Organics [C10-C28], o-Terphenyl and n-Octacosane (Surr). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: Sample #1 (280-183661-1) and Sample #2 (280-183661-2).

Due to the matrix being rocky and non-homogenous, an initial volume of seven and a half grams instead of fifteen grams was used for the

Case Narrative

Client: Wapiti Operating LLC
Project/Site: Produced Water Spill

Job ID: 280-183661-1

Job ID: 280-183661-1 (Continued)

Laboratory: Eurofins Denver (Continued)

following samples, which deviated from the standard procedure in order to prevent venting and microwave equipment damage: Sample #1 (280-183661-1), (280-183661-A-1 MS) and (280-183661-A-1 MSD). The reporting limits (RLs) have been adjusted proportionately.

Due to the matrix being rocky and non-homogenous, an initial volume of seven and a half grams instead of fifteen grams was used for the following sample, which deviated from the standard procedure in order to prevent venting and microwave equipment damage: Sample #2 (280-183661-2). The reporting limits (RLs) have been adjusted proportionately.

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

ANIONS (28 DAYS)

Samples Sample #1 (280-183661-1) and Sample #2 (280-183661-2) were analyzed for anions (28 days) in accordance with EPA SW-846 Method 9056A (28 Days). The samples were leached on 11/20/2023 and 11/28/2023 and analyzed on 11/26/2023 and 11/29/2023.

Chloride was detected in method blank MB 280-635089/3-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Chloride failed the recovery criteria high for LCSD 280-635089/2-A. Refer to the QC report for details. The QC associated to sample Sample #2 (280-183661-2) failed high for Chloride due to instrument contamination. The sample is ND for Chloride; therefore, the data have been reported.

The following samples were analyzed outside of analytical holding time due to capacity issues: Sample #1 (280-183661-1) and Sample #2 (280-183661-2).

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

PERCENT SOLIDS

Samples Sample #1 (280-183661-1) and Sample #2 (280-183661-2) were analyzed for percent solids in accordance with ASTM D2216-90. The samples were analyzed on 11/02/2023.

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

Detection Summary

Client: Wapiti Operating LLC
Project/Site: Produced Water Spill

Job ID: 280-183661-1

Client Sample ID: Sample #1 — Lab Sample ID: 280-183661-1

No Detections.

Client Sample ID: Sample #2 — Lab Sample ID: 280-183661-2

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Wapiti Operating LLC
Project/Site: Produced Water Spill

Job ID: 280-183661-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET DEN
8015C	Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)	SW846	EET DEN
8015C	Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	SW846	EET DEN
9056A	Anions, Ion Chromatography	SW846	EET DEN
Moisture	Percent Moisture	EPA	EET DEN
3546	Microwave Extraction	SW846	EET DEN
5030B	Purge and Trap	SW846	EET DEN
5035	Closed System Purge and Trap	SW846	EET DEN
DI Leach	Deionized Water Leaching Procedure	ASTM	EET DEN

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.

Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Sample Summary

Client: Wapiti Operating LLC
Project/Site: Produced Water Spill

Job ID: 280-183661-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
280-183661-1	Sample #1	Solid	10/25/23 14:00	10/26/23 09:35
280-183661-2	Sample #2	Solid	10/25/23 14:15	10/26/23 09:35

Client Sample Results

Client: Wapiti Operating LLC
Project/Site: Produced Water Spill

Job ID: 280-183661-1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Client Sample ID: Sample #1
Date Collected: 10/25/23 14:00
Date Received: 10/26/23 09:35

Lab Sample ID: 280-183661-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0050		mg/Kg		11/07/23 11:12	11/07/23 12:42	1
Ethylbenzene	ND		0.0050		mg/Kg		11/07/23 11:12	11/07/23 12:42	1
Toluene	ND		0.0050		mg/Kg		11/07/23 11:12	11/07/23 12:42	1
m-Xylene & p-Xylene	ND		0.0025		mg/Kg		11/07/23 11:12	11/07/23 12:42	1
o-Xylene	ND		0.0025		mg/Kg		11/07/23 11:12	11/07/23 12:42	1
Xylenes, Total	ND		0.0050		mg/Kg		11/07/23 11:12	11/07/23 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*58 - 140*	*11/07/23 11:12*	*11/07/23 12:42*	*1*
Toluene-d8 (Surr)	*95*		*80 - 126*	*11/07/23 11:12*	*11/07/23 12:42*	*1*
4-Bromofluorobenzene (Surr)	*94*		*76 - 127*	*11/07/23 11:12*	*11/07/23 12:42*	*1*
Dibromofluoromethane (Surr)	*121*		*75 - 121*	*11/07/23 11:12*	*11/07/23 12:42*	*1*

Client Sample ID: Sample #2
Date Collected: 10/25/23 14:15
Date Received: 10/26/23 09:35

Lab Sample ID: 280-183661-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	*3	0.0051		mg/Kg		11/07/23 11:13	11/07/23 13:03	1
Ethylbenzene	ND	*3	0.0051		mg/Kg		11/07/23 11:13	11/07/23 13:03	1
Toluene	ND	*3	0.0051		mg/Kg		11/07/23 11:13	11/07/23 13:03	1
m-Xylene & p-Xylene	ND	*3	0.0025		mg/Kg		11/07/23 11:13	11/07/23 13:03	1
o-Xylene	ND	*3	0.0025		mg/Kg		11/07/23 11:13	11/07/23 13:03	1
Xylenes, Total	ND		0.0051		mg/Kg		11/07/23 11:13	11/07/23 13:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*149*	*3 S1+	*58 - 140*	*11/07/23 11:13*	*11/07/23 13:03*	*1*
Toluene-d8 (Surr)	*89*	*3	*80 - 126*	*11/07/23 11:13*	*11/07/23 13:03*	*1*
4-Bromofluorobenzene (Surr)	*91*	*3	*76 - 127*	*11/07/23 11:13*	*11/07/23 13:03*	*1*
Dibromofluoromethane (Surr)	*133*	*3 S1+	*75 - 121*	*11/07/23 11:13*	*11/07/23 13:03*	*1*

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Client Sample ID: Sample #1
Date Collected: 10/25/23 14:00
Date Received: 10/26/23 09:35

Lab Sample ID: 280-183661-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		2.0		mg/Kg		10/31/23 17:48	11/01/23 01:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*94*		*77 - 123*	*10/31/23 17:48*	*11/01/23 01:09*	*1*

Client Sample ID: Sample #2
Date Collected: 10/25/23 14:15
Date Received: 10/26/23 09:35

Lab Sample ID: 280-183661-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		1.7		mg/Kg		10/31/23 17:48	11/01/23 01:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*94*		*77 - 123*	*10/31/23 17:48*	*11/01/23 01:33*	*1*

Client Sample Results

Client: Wapiti Operating LLC
Project/Site: Produced Water Spill

Job ID: 280-183661-1

Method: SW846 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Client Sample ID: Sample #1
Date Collected: 10/25/23 14:00
Date Received: 10/26/23 09:35

Lab Sample ID: 280-183661-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		16		mg/Kg		10/30/23 13:28	11/03/23 23:11	1
Motor Oil (C20-C38)	ND		48		mg/Kg		10/30/23 13:28	11/03/23 23:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*58*		*40 - 122*	*10/30/23 13:28*	*11/03/23 23:11*	*1*

Client Sample ID: Sample #2
Date Collected: 10/25/23 14:15
Date Received: 10/26/23 09:35

Lab Sample ID: 280-183661-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		16		mg/Kg		10/30/23 13:28	11/04/23 01:03	1
Motor Oil (C20-C38)	ND		48		mg/Kg		10/30/23 13:28	11/04/23 01:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*53*		*40 - 122*	*10/30/23 13:28*	*11/04/23 01:03*	*1*

General Chemistry

Client Sample ID: Sample #1
Date Collected: 10/25/23 14:00
Date Received: 10/26/23 09:35

Lab Sample ID: 280-183661-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**2.7**		0.1		%			11/02/23 17:28	1
Percent Solids (EPA Moisture)	**97.3**		0.1		%			11/02/23 17:28	1

Client Sample ID: Sample #2
Date Collected: 10/25/23 14:15
Date Received: 10/26/23 09:35

Lab Sample ID: 280-183661-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	**4.0**		0.1		%			11/02/23 17:28	1
Percent Solids (EPA Moisture)	**96.0**		0.1		%			11/02/23 17:28	1

General Chemistry - Soluble

Client Sample ID: Sample #1
Date Collected: 10/25/23 14:00
Date Received: 10/26/23 09:35

Lab Sample ID: 280-183661-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (SW846 9056A)	ND	H	30		mg/Kg			11/29/23 01:21	1

Client Sample ID: Sample #2
Date Collected: 10/25/23 14:15
Date Received: 10/26/23 09:35

Lab Sample ID: 280-183661-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride (SW846 9056A)	ND	H *+ ^+	30		mg/Kg			11/26/23 16:47	1

Surrogate Summary

Client: Wapiti Operating LLC
Project/Site: Produced Water Spill

Job ID: 280-183661-1

Method: 8260D - Volatile Organic Compounds by GC/MS

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

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (58-140)	TOL (80-126)	BFB (76-127)	DBFM (75-121)
280-183661-1	Sample #1	116	95	94	121
280-183661-2	Sample #2	149 *3 S1+	89 *3	91 *3	133 *3 S1+
LCS 280-632831/2-A	Lab Control Sample	121	98	97	121
LCSD 280-632831/3-A	Lab Control Sample Dup	114	97	95	116
MB 280-632831/1-A	Method Blank	111	97	95	118

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

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

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	TFT1 (77-123)
280-183661-1	Sample #1	94
280-183661-2	Sample #2	94
LCS 280-631954/1-A	Lab Control Sample	98
LCSD 280-631954/2-A	Lab Control Sample Dup	97
MB 280-631954/3-A	Method Blank	95

Surrogate Legend

TFT = a,a,a-Trifluorotoluene

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

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

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTPH1 (40-122)
280-183661-1	Sample #1	58
280-183661-1 MS	Sample #1	61
280-183661-1 MS	Sample #1	53
280-183661-1 MSD	Sample #1	66
280-183661-1 MSD	Sample #1	46
280-183661-2	Sample #2	53
LCS 280-631691/2-A	Lab Control Sample	74
LCS 280-631691/3-A	Lab Control Sample	55
MB 280-631691/1-A	Method Blank	42

Surrogate Legend

OTPH = o-Terphenyl

QC Sample Results

Client: Wapiti Operating LLC
Project/Site: Produced Water Spill

Job ID: 280-183661-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 280-632831/1-A
Matrix: Solid
Analysis Batch: 632790

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632831

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0050		mg/Kg		11/07/23 07:00	11/07/23 12:01	1
Ethylbenzene	ND		0.0050		mg/Kg		11/07/23 07:00	11/07/23 12:01	1
Toluene	ND		0.0050		mg/Kg		11/07/23 07:00	11/07/23 12:01	1
m-Xylene & p-Xylene	ND		0.0025		mg/Kg		11/07/23 07:00	11/07/23 12:01	1
o-Xylene	ND		0.0025		mg/Kg		11/07/23 07:00	11/07/23 12:01	1
Xylenes, Total	ND		0.0050		mg/Kg		11/07/23 07:00	11/07/23 12:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*58 - 140*	*11/07/23 07:00*	*11/07/23 12:01*	*1*
Toluene-d8 (Surr)	*97*		*80 - 126*	*11/07/23 07:00*	*11/07/23 12:01*	*1*
4-Bromofluorobenzene (Surr)	*95*		*76 - 127*	*11/07/23 07:00*	*11/07/23 12:01*	*1*
Dibromofluoromethane (Surr)	*118*		*75 - 121*	*11/07/23 07:00*	*11/07/23 12:01*	*1*

Lab Sample ID: LCS 280-632831/2-A
Matrix: Solid
Analysis Batch: 632790

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632831

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.0505		mg/Kg		101	75 - 135
Ethylbenzene	0.0500	0.0447		mg/Kg		89	73 - 125
Toluene	0.0500	0.0505		mg/Kg		101	77 - 122
m-Xylene & p-Xylene	0.0500	0.0444		mg/Kg		89	77 - 135
o-Xylene	0.0500	0.0441		mg/Kg		88	75 - 135
Xylenes, Total	0.100	0.0885		mg/Kg		89	76 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*121*		*58 - 140*
Toluene-d8 (Surr)	*98*		*80 - 126*
4-Bromofluorobenzene (Surr)	*97*		*76 - 127*
Dibromofluoromethane (Surr)	*121*		*75 - 121*

Lab Sample ID: LCSD 280-632831/3-A
Matrix: Solid
Analysis Batch: 632790

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 632831

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.0490		mg/Kg		98	75 - 135	3	20
Ethylbenzene	0.0500	0.0445		mg/Kg		89	73 - 125	1	20
Toluene	0.0500	0.0491		mg/Kg		98	77 - 122	3	20
m-Xylene & p-Xylene	0.0500	0.0461		mg/Kg		92	77 - 135	4	20
o-Xylene	0.0500	0.0452		mg/Kg		90	75 - 135	3	20
Xylenes, Total	0.100	0.0913		mg/Kg		91	76 - 135	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*114*		*58 - 140*
Toluene-d8 (Surr)	*97*		*80 - 126*
4-Bromofluorobenzene (Surr)	*95*		*76 - 127*

QC Sample Results

Client: Wapiti Operating LLC
Project/Site: Produced Water Spill

Job ID: 280-183661-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 280-632831/3-A
Matrix: Solid
Analysis Batch: 632790

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 632831

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Dibromofluoromethane (Surr)	116		75 - 121

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Lab Sample ID: MB 280-631954/3-A
Matrix: Solid
Analysis Batch: 631965

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631954

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		2.0		mg/Kg		10/31/23 17:48	10/31/23 23:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	95		77 - 123	10/31/23 17:48	10/31/23 23:57	1

Lab Sample ID: LCS 280-631954/1-A
Matrix: Solid
Analysis Batch: 631965

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631954

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	9.99	9.75		mg/Kg		98	75 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
a,a,a-Trifluorotoluene	98		77 - 123

Lab Sample ID: LCSD 280-631954/2-A
Matrix: Solid
Analysis Batch: 631965

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 631954

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	9.99	9.63		mg/Kg		96	75 - 135	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
a,a,a-Trifluorotoluene	97		77 - 123

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Lab Sample ID: MB 280-631691/1-A
Matrix: Solid
Analysis Batch: 632431

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631691

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.0		mg/Kg		10/30/23 13:28	11/03/23 22:03	1
Motor Oil (C20-C38)	ND		24		mg/Kg		10/30/23 13:28	11/03/23 22:03	1

QC Sample Results

Client: Wapiti Operating LLC
Project/Site: Produced Water Spill

Job ID: 280-183661-1

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics) (Continued)

Lab Sample ID: MB 280-631691/1-A
Matrix: Solid
Analysis Batch: 632431

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631691

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	42		40 - 122	10/30/23 13:28	11/03/23 22:03	1

Lab Sample ID: LCS 280-631691/2-A
Matrix: Solid
Analysis Batch: 632431

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631691

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	133	87.7		mg/Kg		66	40 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl	74		40 - 122

Lab Sample ID: LCS 280-631691/3-A
Matrix: Solid
Analysis Batch: 632431

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631691

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Motor Oil (C20-C38)	268	252		mg/Kg		94	48 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl	55		40 - 122

Lab Sample ID: 280-183661-1 MS
Matrix: Solid
Analysis Batch: 632431

Client Sample ID: Sample #1
Prep Type: Total/NA
Prep Batch: 631691

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND		263	143		mg/Kg		54	40 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
o-Terphenyl	61		40 - 122

Lab Sample ID: 280-183661-1 MS
Matrix: Solid
Analysis Batch: 632431

Client Sample ID: Sample #1
Prep Type: Total/NA
Prep Batch: 631691

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Motor Oil (C20-C38)	ND		536	622		mg/Kg		116	48 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
o-Terphenyl	53		40 - 122

QC Sample Results

Client: Wapiti Operating LLC
Project/Site: Produced Water Spill

Job ID: 280-183661-1

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics) (Continued)

Lab Sample ID: 280-183661-1 MSD
Matrix: Solid
Analysis Batch: 632431

Client Sample ID: Sample #1
Prep Type: Total/NA
Prep Batch: 631691

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		263	156		mg/Kg		59	40 - 120	9	23

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*66*		*40 - 122*

Lab Sample ID: 280-183661-1 MSD
Matrix: Solid
Analysis Batch: 632431

Client Sample ID: Sample #1
Prep Type: Total/NA
Prep Batch: 631691

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Motor Oil (C20-C38)	ND		536	542		mg/Kg		101	48 - 122	14	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl	*46*		*40 - 122*

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MRL 280-635091/3
Matrix: Solid
Analysis Batch: 635091

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	5.29		mg/L		106	50 - 150

Lab Sample ID: MRL 280-635278/3
Matrix: Solid
Analysis Batch: 635278

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.80		mg/L		96	50 - 150

Lab Sample ID: MB 280-635089/3-A
Matrix: Solid
Analysis Batch: 635091

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.8	^+	30		mg/Kg			11/26/23 14:35	1

Lab Sample ID: LCS 280-635089/1-A
Matrix: Solid
Analysis Batch: 635091

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	997	1090	^+	mg/Kg		110	90 - 110

QC Sample Results

Client: Wapiti Operating LLC
Project/Site: Produced Water Spill

Job ID: 280-183661-1

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 280-635089/2-A
Matrix: Solid
Analysis Batch: 635091

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	997	1140	*+ ^+	mg/Kg		114	90 - 110	4	10

Lab Sample ID: MB 280-635269/36-A
Matrix: Solid
Analysis Batch: 635278

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		30		mg/Kg			11/28/23 19:17	1

Lab Sample ID: LCS 280-635269/34-A
Matrix: Solid
Analysis Batch: 635278

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	999	984		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 280-635269/35-A
Matrix: Solid
Analysis Batch: 635278

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	999	972		mg/Kg		97	90 - 110	1	10

QC Association Summary

Client: Wapiti Operating LLC
Project/Site: Produced Water Spill

Job ID: 280-183661-1

GC/MS VOA

Analysis Batch: 632790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-183661-1	Sample #1	Total/NA	Solid	8260D	632831
280-183661-2	Sample #2	Total/NA	Solid	8260D	632831
MB 280-632831/1-A	Method Blank	Total/NA	Solid	8260D	632831
LCS 280-632831/2-A	Lab Control Sample	Total/NA	Solid	8260D	632831
LCSD 280-632831/3-A	Lab Control Sample Dup	Total/NA	Solid	8260D	632831

Prep Batch: 632831

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-183661-1	Sample #1	Total/NA	Solid	5030B	
280-183661-2	Sample #2	Total/NA	Solid	5030B	
MB 280-632831/1-A	Method Blank	Total/NA	Solid	5030B	
LCS 280-632831/2-A	Lab Control Sample	Total/NA	Solid	5030B	
LCSD 280-632831/3-A	Lab Control Sample Dup	Total/NA	Solid	5030B	

GC VOA

Prep Batch: 631954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-183661-1	Sample #1	Total/NA	Solid	5035	
280-183661-2	Sample #2	Total/NA	Solid	5035	
MB 280-631954/3-A	Method Blank	Total/NA	Solid	5035	
LCS 280-631954/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 280-631954/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 631965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-183661-1	Sample #1	Total/NA	Solid	8015C	631954
280-183661-2	Sample #2	Total/NA	Solid	8015C	631954
MB 280-631954/3-A	Method Blank	Total/NA	Solid	8015C	631954
LCS 280-631954/1-A	Lab Control Sample	Total/NA	Solid	8015C	631954
LCSD 280-631954/2-A	Lab Control Sample Dup	Total/NA	Solid	8015C	631954

GC Semi VOA

Prep Batch: 631691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-183661-1	Sample #1	Total/NA	Solid	3546	
280-183661-2	Sample #2	Total/NA	Solid	3546	
MB 280-631691/1-A	Method Blank	Total/NA	Solid	3546	
LCS 280-631691/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCS 280-631691/3-A	Lab Control Sample	Total/NA	Solid	3546	
280-183661-1 MS	Sample #1	Total/NA	Solid	3546	
280-183661-1 MS	Sample #1	Total/NA	Solid	3546	
280-183661-1 MSD	Sample #1	Total/NA	Solid	3546	
280-183661-1 MSD	Sample #1	Total/NA	Solid	3546	

Analysis Batch: 632431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-183661-1	Sample #1	Total/NA	Solid	8015C	631691
280-183661-2	Sample #2	Total/NA	Solid	8015C	631691
MB 280-631691/1-A	Method Blank	Total/NA	Solid	8015C	631691
LCS 280-631691/2-A	Lab Control Sample	Total/NA	Solid	8015C	631691

QC Association Summary

Client: Wapiti Operating LLC
Project/Site: Produced Water Spill

Job ID: 280-183661-1

GC Semi VOA (Continued)

Analysis Batch: 632431 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 280-631691/3-A	Lab Control Sample	Total/NA	Solid	8015C	631691
280-183661-1 MS	Sample #1	Total/NA	Solid	8015C	631691
280-183661-1 MS	Sample #1	Total/NA	Solid	8015C	631691
280-183661-1 MSD	Sample #1	Total/NA	Solid	8015C	631691
280-183661-1 MSD	Sample #1	Total/NA	Solid	8015C	631691

General Chemistry

Analysis Batch: 632306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-183661-1	Sample #1	Total/NA	Solid	Moisture	
280-183661-2	Sample #2	Total/NA	Solid	Moisture	

Leach Batch: 634652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-183661-2	Sample #2	Soluble	Solid	DI Leach	

Leach Batch: 635089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 280-635089/3-A	Method Blank	Soluble	Solid	DI Leach	
LCS 280-635089/1-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 280-635089/2-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 635091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-183661-2	Sample #2	Soluble	Solid	9056A	634652
MB 280-635089/3-A	Method Blank	Soluble	Solid	9056A	635089
LCS 280-635089/1-A	Lab Control Sample	Soluble	Solid	9056A	635089
LCSD 280-635089/2-A	Lab Control Sample Dup	Soluble	Solid	9056A	635089
MRL 280-635091/3	Lab Control Sample	Total/NA	Solid	9056A	

Leach Batch: 635269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-183661-1	Sample #1	Soluble	Solid	DI Leach	
MB 280-635269/36-A	Method Blank	Soluble	Solid	DI Leach	
LCS 280-635269/34-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 280-635269/35-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 635278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-183661-1	Sample #1	Soluble	Solid	9056A	635269
MB 280-635269/36-A	Method Blank	Soluble	Solid	9056A	635269
LCS 280-635269/34-A	Lab Control Sample	Soluble	Solid	9056A	635269
LCSD 280-635269/35-A	Lab Control Sample Dup	Soluble	Solid	9056A	635269
MRL 280-635278/3	Lab Control Sample	Total/NA	Solid	9056A	

Lab Chronicle

Client: Wapiti Operating LLC
Project/Site: Produced Water Spill

Job ID: 280-183661-1

Client Sample ID: Sample #1

Date Collected: 10/25/23 14:00
Date Received: 10/26/23 09:35

Lab Sample ID: 280-183661-1
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	5030B			4.956 g	5 mL	632831	11/07/23 11:12	JLS	EET DEN
Total/NA	Analysis	8260D		1	5 g	5 mL	632790	11/07/23 12:42	JLS	EET DEN
Total/NA	Prep	5035			4.972 g	5 mL	631954	10/31/23 17:48	SJD	EET DEN
Total/NA	Analysis	8015C		1	0.1 mL	5 mL	631965	11/01/23 01:09	SJD	EET DEN
Total/NA	Prep	3546			7.5 g	1 mL	631691	10/30/23 13:28	GML	EET DEN
Total/NA	Analysis	8015C		1			632431	11/03/23 23:11	MKW	EET DEN
Soluble	Leach	DI Leach			10.01 g	100 mL	635269	11/28/23 09:21	EJS	EET DEN
Soluble	Analysis	9056A		1	10 mL	10 mL	635278	11/29/23 01:21	EJS	EET DEN
Total/NA	Analysis	Moisture		1			632306	11/02/23 17:28	LBR	EET DEN

Client Sample ID: Sample #2

Date Collected: 10/25/23 14:15
Date Received: 10/26/23 09:35

Lab Sample ID: 280-183661-2
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	5030B			4.914 g	5 mL	632831	11/07/23 11:13	JLS	EET DEN
Total/NA	Analysis	8260D		1	5 g	5 mL	632790	11/07/23 13:03	JLS	EET DEN
Total/NA	Prep	5035			5.995 g	5 mL	631954	10/31/23 17:48	SJD	EET DEN
Total/NA	Analysis	8015C		1	0.1 mL	5 mL	631965	11/01/23 01:33	SJD	EET DEN
Total/NA	Prep	3546			7.5 g	1 mL	631691	10/30/23 13:28	GML	EET DEN
Total/NA	Analysis	8015C		1			632431	11/04/23 01:03	MKW	EET DEN
Soluble	Leach	DI Leach			9.99 g	100 mL	634652	11/20/23 12:04	EJS	EET DEN
Soluble	Analysis	9056A		1	10 mL	10 mL	635091	11/26/23 16:47	EJS	EET DEN
Total/NA	Analysis	Moisture		1			632306	11/02/23 17:28	LBR	EET DEN

Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Accreditation/Certification Summary

Client: Wapiti Operating LLC
Project/Site: Produced Water Spill

Job ID: 280-183661-1

Laboratory: Eurofins Denver

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	2907.01	10-31-24
A2LA	ISO/IEC 17025	2907.01	10-31-25
Alabama	State Program	40730	09-30-12 *
Alaska (UST)	State	18-001	02-10-24
Arizona	State	AZ0713	12-20-23
Arkansas DEQ	State	19-047-0	05-31-23 *
California	State	2513	01-09-24
Connecticut	State	PH-0686	09-30-24
Florida	NELAP	E87667-57	06-30-24
Georgia	State	4025-011	01-08-24
Illinois	NELAP	2000172019-1	04-30-24
Iowa	State	370	12-01-24
Kansas	NELAP	E-10166	04-30-24
Kentucky (WW)	State	KY98047	12-31-23
Louisiana	NELAP	30785	06-30-14 *
Louisiana	NELAP	30785	06-30-23 *
Louisiana (All)	NELAP	30785	06-30-24
Minnesota	NELAP	1788752	12-31-23
Nevada	State	CO000262020-1	07-31-24
New Hampshire	NELAP	2053	04-28-24
New Jersey	NELAP	230001	06-30-24
New York	NELAP	59923	03-31-24
North Carolina (WW/SW)	State	358	12-31-23
North Dakota	State	R-034	01-08-24
Oklahoma	NELAP	8614	08-31-24
Oregon	NELAP	4025-019	01-08-24
Pennsylvania	NELAP	013	07-31-24
South Carolina	State	72002001	01-08-24
Texas	NELAP	TX104704183-08-TX	09-30-09 *
Texas	NELAP	T104704183-21-19	09-30-24
USDA	US Federal Programs	P330-20-00065	12-19-25
Utah	NELAP	QUAN5	06-30-13 *
Utah	NELAP	CO000262019-11	07-31-24
Virginia	NELAP	460232	06-14-24
Washington	State	C583	08-03-24
West Virginia DEP	State	354	11-30-23
Wisconsin	State	999615430	08-31-24
Wyoming (UST)	A2LA	2907.01	10-31-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins TestAmerica, Denver
4955 Yarrow Street
Arvada, CO 80002
Phone (303) 736-0100 Fax (303) 431-7171

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Client Information	Sampler: Randy L. Madison	Lab PM: Turner, Shelby R	Carrier Tracking No(s):	COC No:
Client Contact: Mr. Randy Madison	Phone: 1-575-445-6706	E-Mail: shelby.turner@et.eurofinsus.com		Page:
Company: Wapiti Operating, LLC				Job #:
Address: P.O. Box 190 309 Silver Street	Due Date Requested:			
City: Raton	TAT Requested (days):			
State, Zip: NM, 87740				
Phone: 575-445-6706(Tel)	PO #: Pay by Credit Card			
Email: rmadison@wapitienergy.com	WO #:			
Project Name: Produced Water Spill	Project #: 28020400			
Site: A-39X	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9056A_28D - Chloride, % Moisture	8015C_DRO - Diesel and Motor Oil Range Organics	8015C_GRO - Gasoline Range Organics	8260B - BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	N	N	N	X	
Sample #1	10/25/23	1400	C	S			X	X	X	X		
Sample #2	10/25/23	1415	C	S			X	X	X	X		

280-183661 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	Randy Madison	10/25/23/1500	Wapiti			
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
					10-26-23 0935	EETDEN

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.0°C cF0.3 IR#0mo

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Wapiti Operating LLC

Job Number: 280-183661-1

Login Number: 183661
List Number: 1
Creator: Roehsner, Karen P

List Source: Eurofins Denver

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Vermejo Park Corporation '76 FEB 27 Owner's Well No. AM 11 20

Street or Post Office Address Rt 1 Box 68

City and State Cimarron N M 87714

STATE ENGINEER OFFICE

Well was drilled under Permit No. File No CR-210 and is located in the:

a. ____ ¼ ____ ¼ ____ ¼ ____ ¼ of Section ____ Township ____ Range ____ N.M.P.M.

b. Tract No. ____ of Map No. ____ of the ____

c. Lot No. ____ of Block No. ____ of the ____

Subdivision, recorded in ____ County.

d. X= 321900 feet, Y= 2107100 feet, N.M. Coordinate System East Zone in the Maxwell Grant.

(B) Drilling Contractor Selves License No. WD 639

Address Same

Drilling Began 5 30 75 Completed 6-12-75 Type tools Cable Tool Size of hole 6 in.

Elevation of land surface or GRAX at well is ~~GRAX~~ 6400 ft. Total depth of well 56.66 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 56.66 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
56	53		Shale	8 gal

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
5"	9	Weld	0	56	56		56	18

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

Section 5. PLUGGING RECORD

Plugging Contractor ____

Address ____

Plugging Method ____

Date Well Plugged ____

Plugging approved by:

____

State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad ____ FWL ____ FSL ____

File No. ____ Use ____ Location No. ____

Brinson

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	10 FT		DRY SAND Mix
11	20		SAND - GRAVEL
30	40		11 11
40	50		11 11
50 TO	56		Shale
56 TD	64		Shale 11FT Shale Based

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Everett Kile
Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

'75 FEB 27 AM 11 20

STATE ENGINEER OFFICE

Section 1. GENERAL INFORMATION

(A) Owner of well Vermejo Park Corporation Owner's Well No.

Street or Post Office Address Rt 1 Box 68

City and State Cimarron N M 87714

Well was drilled under Permit No. File No CR238 and is located in the:

a. ____ ¼ ____ ¼ ____ ¼ ____ ¼ of Section ____ Township ____ Range ____ N.M.P.M.

b. Tract No. ____ of Map No. ____ of the ____

c. Lot No. ____ of Block No. ____ of the ____
Subdivision, recorded in ____ County.

d. X= 326.000 feet, Y= 2,128,500 feet, N.M. Coordinate System East Zone in the Maxwell Grant, Case Grande Grant.

(B) Drilling Contractor Selva License No. WD 639

Address Same

Drilling Began 21 July 75 Completed 19 Sept. 75 Type tools Cable Size of hole 6 ¼ in.

Elevation of land surface or ____ at well is ____ ft. Total depth of well 207 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 135 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
103	104	1	GREY SANDY SHALE	1 (ONE) GPM
195	207		GREY SANDY SHALE	4 GPM

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
5 7/16 OD	6	WLD			208		207	150

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
65	68	6 7/8"	½ = 50lb	—	BENTONITE & SOIL 3:1
72	74	6 7/8"	⅓ = 30lb	—	MUD & SOIL 2:1

Section 5. PLUGGING RECORD

Plugging Contractor ____

Address ____

Plugging Method ____

Date Well Plugged ____

Plugging approved by:

State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad ____ FWL ____ FSL ____

File No. ____ Use ____ Location No. ____

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	3	3	PACKED CLAY, GRAVEL
3	12	9	HARD SUGAR SAND STONE, INTER. GREY SHALE
12	34	22	BROWN CLAY W/LAYERED SAND STONE
34	38	4	HARD SURFACE SEDIMENT, SOME SHALE
38	56	18	HARD SHALE, COAL LAYER
56	58	2	HEAVEY GRAVEL, SLOW LOSS OF CIRCULATION (SEC. 7)
58	65	7	DARK GREY SHALE, HARD STONE
65	68	3	LOSS OF CIR., SOFT DRILLING, NO SAMPLES (SEC. 7)
68	72	4	HARD SHALE 1-2', LAYERED COAL 8-10"
72	74	2	LOSS CIRCULATION, NO SAMPLE (SEC. 7)
74	88	14	HARD SAND SEDIMENT, W/GREY SHALE & COAL
88	92	4	GREY SHALE, LARGE LAYERED COAL 16-18"
92	118	26	GREY SHALE, SAND
118	146	28	HARD WHITE LIME NO SAMPLES
146	151	5	COAL
151	207	56	SHALE, BROWN CLAY, MIXED COAL

Section 7. REMARKS AND ADDITIONAL INFORMATION

NO BENTONITE USED, HOLE PACKED W/ DRAGGINGS

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Everett Kile
Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Vermejo Park Ranch Owner's Well No. MIne Shop
Street or Post Office Address P.O. Drawer E
City and State Raton, NM 87740

Well was drilled under Permit No. CR-4363 and is located in the:

a. ____ ¼ ____ ¼ ____ ¼ ____ ¼ of Section ____ Township ____ Range ____ N.M.P.M.

b. Tract No. ____ of Map No. ____ of the ____

c. Lot No. ____ of Block No. ____ of the ____
Subdivision, recorded in Colfax County.

d. X= 328023 feet, Y= 2129326 feet, N.M. Coordinate System East Zone in the Maxwell Grant

(B) Drilling Contractor Mack's Drilling, Inc. License No. WD-916
Address P.O. Box 1061, Raton, NM 87740

Drilling Began 05-24-05 Completed 05-25-05 Type tools Air Rotary Size of hole 7 7/8 in

Elevation of land surface or Casing at well is 2 ft. Total depth of well 80 ft

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 16 ft

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
25	33	8	Gravel	20

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
6"	.188	Weld	2	80	80		40	60

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

2005

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	13	13	Black Fill
13	15	2	Coal
15	25	10	Black Shale
25	33	8	Gravel (Water)
33	39	6	Gray Shale
39	52	13	Tan Sandstone
52	54	2	Coal
54	83	29	Tan Sandstone
83	85	2	Coal

Section 7. REMARKS AND ADDITIONAL INFORMATION

Set 25' 8 5/8" Steel at surface

District I
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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

QUESTIONS

Action 292289

QUESTIONS

Operator: Wapiti Operating, LLC 1251 Lumpkin Rd Houston, TX 77043	OGRID: 328741
	Action Number: 292289
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2300554472**
Incident Name	**NAPP2300554472 VPR A-39X @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	VPR A-39X
Date Release Discovered	12/27/2022
Surface Owner	Private

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Freeze | Gas Well | Produced Water | Released: 11 BBL | Recovered: 0 BBL | Lost: 11 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: Wapiti Operating, LLC 1251 Lumpkin Rd Houston, TX 77043	OGRID: 328741
	Action Number: 292289
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

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	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	False
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	No liquids to contain just ice and mud.
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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.

I hereby agree and sign off to the above statement	Name: Randy Madison Email: rmadison@wapitienergy.com Date: 12/07/2023

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QUESTIONS (continued)

Operator: Wapiti Operating, LLC 1251 Lumpkin Rd Houston, TX 77043	OGRID: 328741
	Action Number: 292289
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Less than or equal 25 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	30
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	66
GRO+DRO (EPA SW-846 Method 8015M)	18
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	10/25/2023
On what date will (or did) the final sampling or liner inspection occur	10/25/2023
On what date will (or was) the remediation complete(d)	10/25/2023
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: Wapiti Operating, LLC 1251 Lumpkin Rd Houston, TX 77043	OGRID: 328741
	Action Number: 292289
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	No
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	Natural Evaporation
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	

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.

I hereby agree and sign off to the above statement	Name: Randy Madison Email: rmadison@wapitienergy.com Date: 12/07/2023

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS (continued)

Operator: Wapiti Operating, LLC 1251 Lumpkin Rd Houston, TX 77043	OGRID: 328741
	Action Number: 292289
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS (continued)

Operator: Wapiti Operating, LLC 1251 Lumpkin Rd Houston, TX 77043	OGRID: 328741
	Action Number: 292289
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**292283**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**10/24/2023**
What was the (estimated) number of samples that were to be gathered	**2**
What was the sampling surface area in square feet	**728**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	0
What was the total volume (cubic yards) remediated	0
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	N/A

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 (in .pdf format) 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.

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.

I hereby agree and sign off to the above statement	Name: Randy Madison Email: rmadison@wapitienergy.com Date: 12/07/2023

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

QUESTIONS (continued)

Operator: Wapiti Operating, LLC 1251 Lumpkin Rd Houston, TX 77043	OGRID: 328741
	Action Number: 292289
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 292289

CONDITIONS

Operator:	OGRID:
Wapiti Operating, LLC 1251 Lumpkin Rd Houston, TX 77043	328741
	Action Number: 292289
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	12/18/2023