

State of Colorado
Energy & Carbon Management Commission

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404047389
Receive Date:
01/03/2025
Report taken by:
Jason Kosola

Site Investigation and Remediation Workplan (Supplemental Form)

This form shall be submitted to the Director for approval prior to the initiation of site investigation and remediation activities. However, this shall not preclude the Operator from taking immediate action to protect public health or safety, the environment, wildlife, or livestock.

This Form 27 describes site conditions as currently understood by the Operator; approval of this Form 27 by ECOM is based on the site conditions accurately described herein; any changes in site conditions identified during or subsequent to the performance of the approved workplan may necessitate additional investigation or remediation which shall be described on a supplemental Form 27. This Form 27 is intended to provide basic information regarding the proposed site investigation and remediation actions, but the workplan may be more fully described in attached documentation.

Closure request is not available for an Initial Site Investigation and Remediation Workplan.

OPERATOR INFORMATION

Name of Operator: <u>FRITZ & DIGMAN INC</u>	Operator No: <u>31250</u>	Phone Numbers
Address: <u>PO BOX 70024</u>		
City: <u>ALBUQUERQUE</u>	State: <u>NM</u>	Zip: <u>87197-0024</u>
Contact Person: <u>Arleen Smith</u>	Email: <u>arleen@walsheng.net</u>	
	Phone: <u>(505) 215-6662</u>	
	Mobile: <u>(505) 215-6662</u>	

PROJECT, PURPOSE & SITE INFORMATION

PROJECT INFORMATION

Remediation Project #: 38333 Initial Form 27 Document #: 404036438

PURPOSE INFORMATION

- Rule 913.c.(1): Pit or Cuttings Trench closure.
- Rule 913.c.(2): Buried or partially buried vessel closure, which will be by removal.
- Rule 913.c.(3): Remediation of Spill and Releases pursuant to Rule 912.
- Rule 913.c.(4): Land treatment of Oily Waste pursuant to Rule 905.e.
- Rule 913.c.(5): Closure of Centralized E&P Waste Management Facilities pursuant to Rule 907.h.
- Rule 913.c.(6): Remediation of impacted Groundwater pursuant to Rule 915.e.(3).D, and the contaminant concentrations in Table 915-1.
- Rule 913.c.(7): Investigation and remediation of natural gas in soil or Groundwater.
- Rule 913.c.(8): When requested by the Director due to any potential risk to soil, Groundwater, or surface water.
- Rule 913.c.(9): Decommissioning of Oil and Gas Facilities.
- Rule 913.g: Changes of Operator.
- Rule 915.b: Request to leave elevated inorganics in situ.
- Other: _____

SITE INFORMATION

Yes Multiple Facilities

Facility Type: <u>WELL</u>	Facility ID: _____	API #: <u>067-06141</u>	County Name: <u>LA PLATA</u>
Facility Name: <u>DAKOTA FEE 1</u>	Latitude: <u>37.069947</u>	Longitude: <u>-108.153416</u>	
	** correct Lat/Long if needed: Latitude: <u>37.069830</u>	Longitude: <u>-108.153070</u>	
QtrQtr: <u>SWSE</u>	Sec: <u>28</u>	Twp: <u>33N</u>	Range: <u>12W</u> Meridian: <u>N</u> Sensitive Area? <u>No</u>
Facility Type: <u>SPILL OR RELEASE</u>	Facility ID: <u>488742</u>	API #: _____	County Name: <u>LA PLATA</u>
Facility Name: <u>SPILL/RELEASE POINT</u>	Latitude: <u>37.069830</u>	Longitude: <u>-108.153070</u>	
	** correct Lat/Long if needed: Latitude: <u>37.069830</u>	Longitude: <u>-108.153070</u>	
QtrQtr: <u>SWSE</u>	Sec: <u>28</u>	Twp: <u>33N</u>	Range: <u>12W</u> Meridian: <u>N</u> Sensitive Area? <u>Yes</u>

SITE CONDITIONS

General soil type - USCS Classifications GW _____

Most Sensitive Adjacent Land Use .25 mile away
from an arroyo-
show on map _____

Is domestic water well within 1/4 mile? No _____

Is surface water within 1/4 mile? No _____

Is groundwater less than 20 feet below ground surface? No _____

Other Potential Receptors within 1/4 mile

SITE INVESTIGATION PLAN

TYPE OF WASTE:

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> E&P Waste | <input type="checkbox"/> Other E&P Waste | <input type="checkbox"/> Non-E&P Waste |
| <input type="checkbox"/> Produced Water | <input type="checkbox"/> Workover Fluids | _____ |
| <input checked="" type="checkbox"/> Oil | <input type="checkbox"/> Tank Bottoms | |
| <input type="checkbox"/> Condensate | <input type="checkbox"/> Pigging Waste | |
| <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rig Wash | |
| <input type="checkbox"/> Drill Cuttings | <input type="checkbox"/> Spent Filters | |
| | <input type="checkbox"/> Pit Bottoms | |
| | <input type="checkbox"/> Other (as described by EPA) | _____ |

DESCRIPTION OF IMPACT

Impacted?	Impacted Media	Extent of Impact	How Determined
Yes	SOILS	771 square feet	oil ran over the top soil

INITIAL ACTION SUMMARY

Description of initial action or emergency response measures take to abate, investigate, and/or remediate impacts associated with E&P Waste.

The spill was immediately contained by earthen berms until a hydrovac and backhoe could be mobilized to start the cleanup. Oil booms will be placed around the area that was impacted until the P&A operations are complete. At that point the P&A equipment (rig & related equipment) will be moved off location and any remnants of the spill will be removed.

PROPOSED SAMPLING PLAN

Proposed Soil Sampling

Will soil samples be collected as part of this investigation? (Number, type (grab/composite), analyses, and locations of samples):

Walsh will conduct grab samples once the impacted soil is removed. A grab samples will be taken once the pumping unit, oil tank, separator and meter house is removed from the site.

Proposed Groundwater Sampling

Will groundwater samples be collected as part of this investigation? (Number, analyses, and locations of samples):

Proposed Surface Water Sampling

Will surface water samples be collected as part of this investigation? (Number, analyses, and locations of samples):

Additional Investigative Actions

Additional alternative investigative actions described in attached Site Investigation Plan (summary):

SITE INVESTIGATION REPORT

SAMPLE SUMMARY

Soil

NA / ND

Number of soil samples collected 0

_____ Highest concentration of TPH (mg/kg) _____

Number of soil samples exceeding 915-1 0

_____ Highest concentration of SAR _____

Was the areal and vertical extent of soil contamination delineated? No

BTEX > 915-1

Approximate areal extent (square feet) 771

Vertical Extent > 915-1 (in feet)

Groundwater

Number of groundwater samples collected 0

Highest concentration of Benzene (µg/l)

Was extent of groundwater contaminated delineated? No

Highest concentration of Toluene (µg/l)

Depth to groundwater (below ground surface, in feet)

Highest concentration of Ethylbenzene (µg/l)

Number of groundwater monitoring wells installed

Highest concentration of Xylene (µg/l)

Number of groundwater samples exceeding 915-1

Highest concentration of Methane (mg/l)

Surface Water

0 Number of surface water samples collected

Number of surface water samples exceeding 915-1

If surface water is impacted, other agency notification may be required.

OTHER INVESTIGATION INFORMATION

Were impacts to adjacent property or offsite impacts identified?

[Empty text box for adjacent property impacts]

Were background samples collected as part of this site investigation?

[Empty text box for background samples]

Was investigation derived waste (IDW) generated as part of this investigation?

Volume of solid waste (cubic yards)

Volume of liquid waste (barrels)

Is further site investigation required?

[Empty text box for further investigation]

REMEDIAL ACTION PLAN

Does this Supplemental Form 27A include changes to a previously approved Remedial Action Plan? No

SOURCE REMOVAL SUMMARY

Describe how source is to be removed.

Third party contractor will remove the contaminated soil with a backhoe and dispose at an approved disposal facility.

REMEDIATION SUMMARY

Describe how remediation of existing impacts to soil and groundwater is to be accomplished (i.e. summarize remedial action plan). Provide a brief narrative description including: technical justification, schedule for implementation, estimated time to attain NFA status, plus plans and specifications for the selected remedial action technology.

Walsh engineering proposes to remove the remainder of the contaminated soil within the affected 771 square feet by using heavy equipment consisting of either a backhoe or a track hoe. The removal will consist of at least an additional two to three truckloads consisting of ~20 cubic yards each. Once the impacted soil is removed and disposed of at an approved disposal facility, The samples will consist of 2 five-point composite samples of ~500 square feet each. The soil samples will be placed into individual laboratory 4-ounce jars, capped head space free, and transported on ice to Envirotech Analytical Laboratory. Once the results are finalized Walsh Engineering, on behalf of Fritz & Digman, will submit Form 19 for closure. Once excavation sample results pass, backfill will be applied to the excavated area.

Soil Remediation Summary

In Situ

Ex Situ

Bioremediation (or enhanced bioremediation)

Yes Excavate and offsite disposal

Chemical oxidation

If Yes: Estimated Volume (Cubic Yards) 40

Air sparge / Soil vapor extraction

Name of Licensed Disposal Facility or ECMC Facility ID #

Natural Attenuation

Other _____

Excavate and onsite remediation

Land Treatment

Bioremediation (or enhanced bioremediation)

Chemical oxidation

Other _____

Groundwater Remediation Summary

Bioremediation (or enhanced bioremediation)

Chemical oxidation

Air sparge / Soil vapor extraction

Natural Attenuation

Other _____

GROUNDWATER MONITORING

If groundwater has been impacted, describe proposed monitoring plan, including # of wells or sample points, monitoring schedule, analytical methods, points of compliance. Attach a groundwater monitoring location diagram.

Is additional groundwater monitoring to be conducted? _____

Operator shall comply with the ECMC 1000-Series Reclamation Requirements for all impacted and disturbed areas.

RECLAMATION PLAN

RECLAMATION PLANNING

Describe reclamation plan. Discuss existing and new grade recontouring; method and testing of compaction alleviation; and reseeding program, including location of new seed, seed mix and noxious weed prevention. Attach diagram or drawing.

An email was sent to the landowner to confirm specific details for the reclamation.
A reclamation consists of restoring the surface of disturbed land as nearly as practicable to its condition prior to the commencement of oil and gas operations .

The site recontoured and seedbed preparation with the natural soil horizons, the surface will be ripped, disked, and seeded.

Is the described reclamation complete? No

Does the reclamation described herein constitute interim or final reclamation of the Oil and Gas Location?

Interim

Final

Did the Surface Owner provide the seed mix? No

If YES, does the seed mix comply with local soil conservation district recommendations? _____

Did the local soil conservation district provide the seed mix? No

SITE RECLAMATION DATES

Proposed date of commencement of Reclamation. 01/20/2025

Proposed date of completion of Reclamation. 01/24/2025

IMPLEMENTATION SCHEDULE

Per Rule 913.d.(2): Any change from the approved implementation schedule will be requested at least 14 days in advance, and the Operator may not make the change without the Director's approval.

PRIOR DATES

Date of Surface Owner notification/consultation, if required. 12/18/2024

Actual Spill or Release date, or date of discovery. 12/12/2024

SITE INVESTIGATION DATES

Date of Initial Actions described in Site Investigation Plan (start date). 12/12/2024

Proposed site investigation commencement. 12/31/2024

Proposed completion of site investigation. 12/31/2024

REMEDIAL ACTION DATES

Proposed start date of Remediation. 12/23/2024

Proposed date of completion of Remediation. 01/08/2025

Per Rule 913.d.(2): Any change from the approved implementation schedule will be requested at least 14 days in advance, and the Operator may not make the change without the Director's approval.

Change from approved implementation schedule per Rule 913.d.(2).

Basis for change in implementation schedule:

The operator is ready to cut and cap the wellhead and has monitored more than 5 days after setting the last plug. Facility removal will begin on Monday 12/23/24. Remediation of soil removal will begin Monday 12/23/24 for the impacted area and once equipment is removed. If any changes to the remediation or equipment removal a notification will be emailed.

OPERATOR COMMENT

The operator is ready with the wellhead to cut and cap ~1/8/2025. The operator has monitored more than 5 days after setting the last plug

I hereby certify all statements made in this form are to the best of my knowledge true, correct, and complete.

Signed: Arleen Smith

Title: Regulatory

Submit Date: 01/03/2025

Email: arleen@walsheng.net

Based on the information provided herein, this Application for Site Investigation and Remediation Workplan complies with ECMC Rules and applicable orders and is hereby approved.

ECMC Approved: Jason Kosola

Date: 01/09/2025

Remediation Project Number: 38333

COA Type**Description**

	<p>ECMC has processed this form as an update; no analytical was attached thus approval of this form does not imply any agreement with comments on completion of site investigation. All ongoing/unaddressed comments/COAs from previous Forms remain applicable.</p> <p>Operator shall conduct the investigation in accordance with Rule 911.a.(4) guidance and the previously approved workplan.</p>
	<p>In accordance with Rule 913.e.(3), Operator will adopt a quarterly reporting schedule (every 90 days).</p> <p>ECMC selected Quarterly under Remediation Progress Update.</p>
2 COAs	

ATTACHMENT LIST

Upon approval, the approved Form 27 and all listed attachments will be indexed to the Remediation Project file. Only the approved Form 27 will also be indexed to the related Facilities.

Att Doc Num**Name**

404047389	INVESTIGATION/REMEDATION WORKPLAN (SUPPLEMENTAL)
404053552	FORM 27-SUPPLEMENTAL-SUBMITTED

Total Attach: 2 Files

General Comments**User Group****Comment****Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)