

State of Colorado
Energy & Carbon Management Commission

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Document Number:
404176086
Receive Date:
05/08/2025

Report taken by:
Krystal Heibel

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 ECMC 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: OWN RESOURCES OPERATING LLC	Operator No: 10699	Phone Numbers
Address: 305 S RIDGE STREET #6279		Phone: (970) 332-3585
City: BRECKENRIDGE	State: CO Zip: 80424	Mobile: (713) 628-7339
Contact Person: Niels Phaf	Email: niels.phaf@ownresources.com	

PROJECT, PURPOSE & SITE INFORMATION

PROJECT INFORMATION

Remediation Project #: 37335 Initial Form 27 Document #: 403951591

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: WELL	Facility ID: _____	API #: 125-07170	County Name: YUMA
Facility Name: NEWBANKS 2-14	Latitude: 40.225774	Longitude: -102.484121	
** correct Lat/Long if needed: Latitude: _____		Longitude: _____	
QtrQtr: NESW	Sec: 14	Twp: 3N	Range: 46W Meridian: 6 Sensitive Area? Yes
Facility Type: LOCATION	Facility ID: 303562	API #: _____	County Name: YUMA
Facility Name: NEWBANKS-63N46W 14NESW	Latitude: 40.225697	Longitude: -102.484078	
** correct Lat/Long if needed: Latitude: _____		Longitude: _____	
QtrQtr: NESW	Sec: 14	Twp: 3N	Range: 46W Meridian: 6 Sensitive Area? Yes

SITE CONDITIONS

General soil type - USCS Classifications SM

Most Sensitive Adjacent Land Use pasture grass

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

irrigation well approximately 3000' west; domestic well approximately 1850' NW; Ground water level >100FT; designated groundwater management area, designated basin, greater prairie chicken production area

DENIED

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 checked="" type="checkbox"/> Produced Water | <input type="checkbox"/> Workover Fluids | _____ |
| <input 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	Limited	Soil Analysis

INITIAL ACTION SUMMARY

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

No initial action or emergency response measures required and/or taken, this is for a planned P&A and off location flowline abandonment. Scope: Wellhead only at location 303562, off site flowline, off site meter shed Facility ID 469867 (There is an additional meter shed and produced water tank for Newbanks 3-14, API 125-09087 that will remain on location).

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):

A total of 4 soil samples were collected from the following locations: 1 from the wellhead; 1 from the meter shed disconnect, 1 from the flowline bend and 1 background sample approximately 60 feet away from the wellhead. We field screened the meter shed location, wellhead location, and the full extent of the flowline. We also field screened the two excavations, assessing each wall and the floor quadrants of the excavation areas. The flowline was successfully pressure tested and no visible staining was observed. Based on the results of the field screening, excavation screening, and pressure test, further sampling was not needed beyond the initial evaluation. All soil samples will be analyzed against Table 915-1 standards.

Proposed Groundwater Sampling

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

Groundwater is not expected in any of the excavations, water depth deeper than 100FT

Proposed Surface Water Sampling

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

No permanent surface water in area

Additional Investigative Actions

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

SITE INVESTIGATION REPORT

SAMPLE SUMMARY

Soil

Number of soil samples collected 4
 Number of soil samples exceeding 915-1 4

NA / ND

ND Highest concentration of TPH (mg/kg) _____
 -- Highest concentration of SAR 71.7

Was the areal and vertical extent of soil contamination delineated? Yes _____

BTEX > 915-1 No _____

Approximate areal extent (square feet) 3361 _____

Vertical Extent > 915-1 (in feet) 4 _____

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 impacts to adjacent property or offsite impacts identified.

Were background samples collected as part of this site investigation?

One background sample was collected from an undisturbed area approximately 60 feet from the wellhead. The sample will be used as a baseline for Table 915 reclamation standards and had high Arsenic at 0.833 mg/kg

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 site investigation required.

REMEDIAL ACTION PLAN

Does this Supplemental Form 27A include changes to a previously approved Remedial Action Plan? Yes _____

SOURCE REMOVAL SUMMARY

Describe how source is to be removed.

Soil analysis results from Summit Scientific were delayed and exceeded standard holding times; however, the data still provides a strong indication of exceedances relative to Table 915-1 thresholds for EC, pH, SAR, and arsenic. We will use these results

- 1. EC - slightly exceeded level on Flowline Bend 5.65
- 2. SAR - exceeded at the gas disconnect 71.7 on an active oil and gas location which will stay active
- 3. pH at the Flowline Bend 8.52, Gas Disconnect 8.49, (levels at the Wellhead at 6.8 and Background 6.12 are within limit, but ran out of hold time)
- 4. Arsenic levels exceeded on all samples, except at the Wellhead 0.542. Flowline Bend 1.28, Gas Disconnect 2.48 and Background at 0.833 mg/kg, indicating concentrations may reflect naturally occurring conditions.

REMEDICATION 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.

Remediation of Impacts was completed in April 2025.

- 1. Well head location - No Further Action - all levels are within Table915-1 requirements; No further treatment.
- 2. Gas line disconnect at location 469867 - this is still an active location with an active tank and meter shed for well Newbanks 3-14 - this location will be remediated when that well is P&Ad; No further treatment for now.
- 3. Flowline bend - has slightly elevated EC and pH - flowline has no history of leaks and there were no pressure test issues. Vegetation at the sample location is consistent with the surrounding area, as shown in the attached photos. Due to the presence of full vegetative cover, no further treatment will be done in order to avoid unnecessary disturbance to the established vegetation.
- 4. Arsenic- No Further Action- level on background sample at 0.833 mg/kg aligns with naturally occurring levels in the area.

Since the earlier lab tests were done after the standard holding time, One soil sample will be collected in Q2 2026 from the Gas Disconnect and analyzed for soil suitability.

Soil Remediation Summary

In Situ

Ex Situ

- Bioremediation (or enhanced bioremediation)
- Chemical oxidation
- Air sparge / Soil vapor extraction
- Yes Natural Attenuation
- Other _____

- Excavate and offsite disposal
- If Yes: Estimated Volume (Cubic Yards) _____
- Name of Licensed Disposal Facility or ECMC Facility ID # _____
- 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.

REMEDIATION PROGRESS UPDATE

PERIODIC REPORTING

Approved Reporting Schedule:

Quarterly Semi-Annually Annually Other _____

Request Alternative Reporting Schedule:

Semi-Annually Annually Other _____

Rule 913.e:

After initial approval of a Form 27, the Operator will provide quarterly update reports in a Supplemental Form 27 to document progress of site investigation and remediation, unless an alternative reporting schedule has been requested by the Operator and approved by the Director. The Director may request a more frequent reporting schedule based on site-specific conditions.

Report Type: Groundwater Monitoring Land Treatment Progress Report O&M Report
 Other _____

Adequacy of Operator's General Liability Insurance and Financial Assurance

Describe the adequacy of the Operator's general liability insurance and Financial Assurance to fully address the anticipated costs of Remediation, including the estimated remaining cost for this project (below).

If this information has been provided on a Form 27 within the last 12 months, provide the Document Number of that form.

Own Resources Operating is following the minimum insurance requirements of Rule 705.b and these insurances are registered with the ECMC as per Rules 705.d and 705.e. The ECMC requires a minimum of \$5M of liability coverage, which exceeds Remediation Costs. We also have an approved assurance plan under option 5.

Operator anticipates the remaining cost for this project to be: \$ 500 _____

WASTE DISPOSAL INFORMATION

Was E&P waste generated as part of this remediation? _____

Describe beneficial use, if any, of E&P Waste derived from this remediation project:

Volume of E&P Waste (solid) in cubic yards _____

E&P waste (solid) description _____

ECMC Disposal Facility ID #, if applicable: _____

Non-ECMC Disposal Facility: _____

Volume of E&P Waste (liquid) in barrels _____

E&P waste (liquid) description _____

ECMC Disposal Facility ID #, if applicable: _____

Non-ECMC Disposal Facility: _____

REMEDIATION COMPLETION REPORT

REMEDIATION COMPLETION SUMMARY

Is this a Final Closure Request for this Remediation Project? No _____

If YES:

Compliant with Rule 913.h.(1).

Compliant with Rule 913.h.(2).

Compliant with Rule 913.h.(3).

Do all soils meet Table 915-1 standards? _____

Does the previous reply indicate consideration of background concentrations? _____

Does Groundwater meet Table 915-1 standards? _____

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.

Reclamation will be completed in accordance with Rule 1003 and the applicable surface owner agreement. The well pad and all associated disturbed areas were re-contoured to closely match the original pre-disturbance grade and surrounding topography. Grading was conducted in a manner that promotes proper drainage and minimizes future erosion. To restore soil health and support successful revegetation, compaction alleviation was performed where soil testing indicated elevated levels or where visual indicators suggested significant compaction. Seeding was completed in April 2025, using an approved native pastureland seed mix. Straw was crimped to retain soil moisture, and appropriate control measures were implemented to manage noxious weeds in accordance with local and state guidelines. This process is documented and shown in the attached photobook.

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? Yes _____

SITE RECLAMATION DATES

Proposed date of commencement of Reclamation. 11/04/2024

Proposed date of completion of Reclamation. 04/01/2027

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. 10/10/2024

Actual Spill or Release date, or date of discovery. _____

SITE INVESTIGATION DATES

Date of Initial Actions described in Site Investigation Plan (start date). 10/29/2024

Proposed site investigation commencement. 11/20/2024

Proposed completion of site investigation. 01/31/2025

REMEDIAL ACTION DATES

Proposed start date of Remediation. 11/20/2024

Proposed date of completion of Remediation. 06/01/2026

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:

Previous laboratory analyses were conducted outside of the standard holding time; therefore, new samples will be collected for accuracy and regulatory confidence in the results.

OPERATOR COMMENT

The COA on Doc#403951591 are address as follows:

- 1) Confirmation samples will be collected and analyzed in Q2 2026 at the Gas line disconnect to assess soil suitability and determine compliance with Table 915-1 standards.
- 2) Analytical results are attached for review by ECMC. A soil sample was collected from the bend in the flowline, analyzed and documented as shown in the photobook attached.

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

Signed: Azucena Torres

Title: Reclamation & Remediation

Submit Date: 05/08/2025

Email: azucena.torres@ownresources.com

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: _____

Date: _____

Remediation Project Number: 37335

COA Type**Description**

COA Type	Description
0 COA	

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**

404176086	FORM 27-SUPPLEMENTAL-SUBMITTED
404176401	AERIAL IMAGE
404176406	SOIL SAMPLE LOCATION MAP
404176407	SOIL SAMPLE LOCATION MAP
404176410	ANALYTICAL RESULTS
404176519	ANALYTICAL DATA SUMMARY TABLE(S)
404194272	PHOTO DOCUMENTATION
404194446	REMEDATION PROGRESS REPORT

Total Attach: 8 Files

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

Environmental	Attached document(s) indicate that volatile organic compounds analyzed by EPA Method 8260 were analyzed outside of EPA recommended holding times. ECMC has denied this Form 27, Operator is directed to submit a replacement Form 27 as soon as possible with a plan for resampling.	08/15/2025
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Environmental	<p>Organics 8270 has a 14 days from collection to prep hold, once prepped there is a 40 day hold time to run the sample. 8260 is 14 days from sample collection to complete the analysis. Both methods 8260 and 8720 require preservation of soil samples by cooling 0 - 6 °C; samples may be accepted for same day delivery > 6 °C if packed on ice</p> <p>TPH: GRO should likely follow 8260 and DRO-ORO should likely follow 8270 above</p> <p>Metals Table 915-1 excluding CrVI: 6 month hold time collection to analysis, preservation not required</p> <p>Hexavalent Chromium CR-VI: Prep by 3060A followed by analysis 7196/7199: 30 days from sample collection to extraction, 7 days from extraction to analysis; requires preservation of soil samples by cooling 0 - 6 °C; samples may be accepted for same day delivery > 6 °C if packed on ice</p>	08/15/2025
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Total: 2 comment(s)

DENIED