

State of Colorado  
Energy & Carbon Management Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:  
404351130  
Receive Date:  
10/17/2025

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

PROJECT, PURPOSE & SITE INFORMATION

PROJECT INFORMATION

Remediation Project #: 40879 Initial Form 27 Document #: 403830875

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: Applies only to gas riser to the wellhead, gas disconnect point, and abandonment of the flowline

SITE INFORMATION

No Multiple Facilities

Facility Type: <u>LOCATION</u>	Facility ID: <u>303477</u>	API #: _____	County Name: <u>YUMA</u>
Facility Name: <u>HELLING-64S44W 13NWSW</u>	Latitude: <u>39.708034</u>	Longitude: <u>-102.251727</u>	
** correct Lat/Long if needed: Latitude: _____ Longitude: _____			
QtrQtr: <u>NWSW</u>	Sec: <u>13</u>	Twp: <u>4S</u>	Range: <u>44W</u> Meridian: <u>6</u> Sensitive Area? <u>Yes</u>

SITE CONDITIONS

General soil type - USCS Classifications ML Most Sensitive Adjacent Land Use Range land  
 Is domestic water well within 1/4 mile? Yes 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**

Domestic well approximately 900' to north, irrigation well approximately 2075' to south, domestic well approximately 1900' to south, designated groundwater management area, designated basin, a freshwater emergent approximately 125 feet west, 1058 feet south and 1698 feet north, no high priority habitat

**SITE INVESTIGATION PLAN**

**TYPE OF WASTE:**

- E&P Waste
- Other E&P Waste
- Non-E&P Waste
- Produced Water
- Workover Fluids
- Oil
- Tank Bottoms
- Condensate
- Pigging Waste
- Drilling Fluids
- Rig Wash
- Drill Cuttings
- Spent Filters
- Pit Bottoms
- Other (as described by EPA)

**DESCRIPTION OF IMPACT**

Impacted?	Impacted Media	Extent of Impact	How Determined
Yes	SOILS	Low	Soil Analyses

**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 were required or taken. This Form 27 is submitted for a planned cut and cap of flowline risers. Scope: The gas riser was excavated to a depth of approximately 4 to 6 feet, cut, and capped near the well location. The gas disconnect riser, located south of the well, was also excavated, cut, and capped. The section of flowline between the wellhead riser and the disconnect riser south of the wellhead was abandoned in place in accordance with ECMC rules. The remainder of the gathering system remains active. (Note: The Helling 12-13 well Location ID#303477 is owned by Raymond and Joyce Helling, Operator #10269)

**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 ):

The gas risers were cut and capped in January 2024- a total of three soil samples were collected. One from the riser, one from the gas disconnect riser, and a background sample 42 feet from the wellhead. Soil screening was completed at four walls and floor quadrants of both excavation locations. Soil sample were taken from the bottom of excavation next to flowline. An environmental assessment was completed along the full length of the flowline. No visual evidence of staining, dead vegetation, or historical impacts was observed. Additionally, pressure testing of the flowline results showed no positive readings. All samples were analyzed to Table 915-1. ( The original background sample jars broke in transit to the lab. A second background sample was collated at a later date; see both analyses in attachments)

Three confirmation samples were collected September 2025 and analyzed to Full table 915-1. These samples will be used to complete the rest of this submittal.

**Proposed Groundwater Sampling**

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

No groundwater was encountered in either of the excavation areas.

**Proposed Surface Water Sampling**

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

No surface water observed

**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 3  
Number of soil samples exceeding 915-1 3  
Was the areal and vertical extent of soil contamination delineated? Yes  
Approximate areal extent (square feet) 628

### NA / ND

ND Highest concentration of TPH (mg/kg) \_\_\_\_\_  
-- Highest concentration of SAR 3.44  
BTEX > 915-1 No  
Vertical Extent > 915-1 (in feet) 4

### Groundwater

Number of groundwater samples collected 0  
Was extent of groundwater contaminated delineated? No  
Depth to groundwater (below ground surface, in feet) \_\_\_\_\_  
Number of groundwater monitoring wells installed \_\_\_\_\_  
Number of groundwater samples exceeding 915-1 \_\_\_\_\_

\_\_\_\_\_ Highest concentration of Benzene (µg/l) \_\_\_\_\_  
\_\_\_\_\_ Highest concentration of Toluene (µg/l) \_\_\_\_\_  
\_\_\_\_\_ Highest concentration of Ethylbenzene (µg/l) \_\_\_\_\_  
\_\_\_\_\_ Highest concentration of Xylene (µg/l) \_\_\_\_\_  
\_\_\_\_\_ 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?

Were background samples collected as part of this site investigation?

One initial background sample collected, met Table 915-1 limits except for arsenic at 2.10 mg/kg. A second background sample was collected in September 2025, met Table 915-1 limits except for arsenic at 2.57 mg/kg. This sample will be used as a baseline for the remainder of this remediation project.

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?

## 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.

Initial laboratory analytical results indicate that all samples were below applicable Table 915-1 limits, with the exception of pH at the riser (to the wellhead), which was slightly elevated. The elevated pH was addressed through in-place treatment. Arsenic concentrations in all samples, including the background sample, exceeded Table 915-1 limits; however, arsenic levels are consistent with background conditions, and no treatment for arsenic is proposed. Analyses from confirmation samples show levels are within Table 915-1 except arsenic which shows elevated levels on all samples including background. No treatment for arsenic is proposed.

### REMEDIAL ACTION 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.

No remediation of soil is needed. Remediation is complete.  
On arsenic we propose no further action( NFA), the riser (to the wellhead) and gas disconnect riser levels on arsenic are comparable to the background sample collected from nearby, non-impacted native soils indicating that arsenic levels are naturally occurring in the native soils in the area.

### Soil Remediation Summary

In Situ

Ex Situ

- \_\_\_\_\_ Bioremediation ( or enhanced bioremediation )
- \_\_\_\_\_ Chemical oxidation
- \_\_\_\_\_ Air sparge / Soil vapor extraction
- \_\_\_\_\_ 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.

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

## 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? Yes \_\_\_\_\_

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? Yes \_\_\_\_\_

Does the previous reply indicate consideration of background concentrations? Yes \_\_\_\_\_

Does Groundwater meet Table 915-1 standards? Yes \_\_\_\_\_

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.

After the cut and capped of the risers and abandoning the flowline, the area was leveled and recontoured. Grading was completed to promote proper drainage. To restore soil health and support revegetation, compaction alleviation was conducted as needed. Field observations from September 2025 indicate that the riser area at the wellhead and riser at the disconnect shows vegetative recovery with a mix of established grasses and sparse bare patches along the former disturbance path. Green vegetation is visible indicating early-stage regrowth within the reclaimed area. Overall ground surface appears stable with no visible erosion or standing water. Operator will continue to monitor until vegetation has established and area reaches full reclamation. The reclamation progress of both riser areas is documented on the attached photobook. Reclamation was completed in accordance with Rule 1003 and applicable to surface owner agreement.

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. 08/01/2024

Proposed date of completion of Reclamation. 10/30/2026

## 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. 06/20/2024

Actual Spill or Release date, or date of discovery. \_\_\_\_\_

### SITE INVESTIGATION DATES

Date of Initial Actions described in Site Investigation Plan (start date). 08/01/2024

Proposed site investigation commencement. 08/01/2024

Proposed completion of site investigation. 08/01/2024

### REMEDIAL ACTION DATES

Proposed start date of Remediation. 08/01/2024

Proposed date of completion of Remediation. 10/03/2025

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:

**OPERATOR COMMENT**

COA's from Doc#403830875 are addressed as follows:

1. Soil samples were collected, analyzed and analyses are uploaded in attachments
2. An updated soil sample location map is attached, the soil samples were for gas risers (one that goes to the wellhead and the gas disconnect riser south from the gas flowline)
3. This project is associated with a flowline abandonment the Form 44 document number is provided in the related forms tab.
4. An environmental assessment was completed along the full length of the flowline. No visual evidence of staining, dead vegetation, or historical impacts was observed. Additionally, pressure testing of the flowline results showed no positive readings.

Note: The Helling 12-13 well Location ID#303477 is owned by Raymond and Joyce Helling, Operator #10269

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: 10/17/2025

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: Krystal Heibel

Date: 01/20/2026

Remediation Project Number: 40879

**COA Type****Description**

	<p>Based on the information presented, it appears that no further action is necessary at this time and the ECMC approves the closure request. However, if future conditions at the site indicate contaminant concentrations in soils exceeding ECMC standards or if groundwater is found to be impacted, then further investigation and/or remediation activities may be required.</p> <p>The surface area disturbed by the remediation activity shall be reclaimed in accordance with the 1000 Series Reclamation Rules. For locations with active ongoing oil and gas operations, comply with Rule 1003 interim reclamation requirements and for locations that will no longer have active oil and gas operations, comply with Rule 1004 Final Reclamation requirements.</p>
1 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**

404351130	FORM 27 DENIED
404351779	ANALYTICAL RESULTS
404351780	ANALYTICAL RESULTS
404380723	ANALYTICAL RESULTS
404395399	SOIL SAMPLE LOCATION MAP
404395400	SOIL SAMPLE LOCATION MAP
404395401	SOIL SAMPLE LOCATION MAP
404395403	SOIL SAMPLE LOCATION MAP
404395406	SOIL SAMPLE LOCATION MAP
404395407	SOIL SAMPLE LOCATION MAP
404395438	PHOTO DOCUMENTATION
404395440	ANALYTICAL DATA SUMMARY TABLE(S)
404395441	ANALYTICAL DATA SUMMARY TABLE(S)
404475765	FORM 27-SUPPLEMENTAL-SUBMITTED

Total Attach: 14 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	ECMC Staff changed facility type from "Well" to "Location."	01/20/2026

Total: 1 comment(s)