

State of Colorado
Energy & Carbon Management Commission

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404454431
Receive Date:
12/22/2025

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
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>	Phone: <u>(970) 332-3585</u>
		Mobile: <u>()</u>

PROJECT, PURPOSE & SITE INFORMATION

PROJECT INFORMATION

Remediation Project #: 22082 Initial Form 27 Document #: 402872765

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>125-06250</u>	County Name: <u>YUMA</u>
Facility Name: <u>BROPHY J 3</u>	Latitude: <u>40.291780</u>	Longitude: <u>-102.492350</u>	
** correct Lat/Long if needed: Latitude: _____		Longitude: _____	
QtrQtr: <u>NENE</u>	Sec: <u>27</u>	Twp: <u>4N</u>	Range: <u>46W</u> Meridian: <u>6</u> Sensitive Area? <u>Yes</u>

Facility Type: <u>LOCATION</u>	Facility ID: <u>303065</u>	API #: _____	County Name: <u>YUMA</u>
Facility Name: <u>BROPHY J-64N46W 27NENE</u>	Latitude: <u>40.291780</u>	Longitude: <u>-102.492350</u>	
** correct Lat/Long if needed: Latitude: <u>40.291806</u>		Longitude: <u>-102.492424</u>	
QtrQtr: <u>NENE</u>	Sec: <u>27</u>	Twp: <u>4N</u>	Range: <u>46W</u> Meridian: <u>6</u> Sensitive Area? <u>Yes</u>

SITE CONDITIONS

General soil type - USCS Classifications SM

Most Sensitive Adjacent Land Use non irrigated
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

Designated groundwater management area, designated basin, greater prairie chicken lek site.

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 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.

The partially buried produced water tank was excavated and removed from the location ID (303065). The water flowline from the wellhead to the tank was removed. The excavation was backfilled with clean soil and contoured to match surrounding grades.

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):

Three soil samples were collected- two from the excavation area where the produced water tank was once located and a background sample located approximately 31 feet from the tank. Soil screening was conducted along the produced water tank impacted area. The samples collected from the tank area were taken from the zone of greatest impact, identified based on the highest soil screening readings during excavation, and area where the produced water tank inlet was located.

Proposed Groundwater Sampling

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

No groundwater was encountered during excavation and removal of produced water tank

Proposed Surface Water Sampling

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

No Surface Water was encountered during removal of the tank

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) 314

NA / ND

ND Highest concentration of TPH (mg/kg) _____
-- Highest concentration of SAR 1.9
BTEX > 915-1 No
Vertical Extent > 915-1 (in feet) 3

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 background soil sample was collected from an undisturbed area with native soils, located approximately 31 feet from the tank area. The sample was analyzed in accordance to Table 915-1. This background sample will serve as a baseline reference for evaluating soil conditions throughout the remainder of the reclamation 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.

Analytical results indicate that all parameters, except arsenic are below Table 915-1 thresholds. No EC, SAR, pH or Boron impacts to soil were identified. Arsenic is elevated in all areas including background, which gives an indication that levels exists in native soils in the area

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.

The tank area meets criteria for final remediation—no soil amendments for EC, SAR, pH, Boron are necessary. Remedial action at this location is complete and its considered suitable for remediation closure.

Arsenic-No Further Action (NFA) Arsenic concentrations detected in the background soil sample are consistent with naturally occurring levels in the area. The detected concentration aligns with background conditions, therefore, additional remedial action for arsenic is not necessary.

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 NFA-Remediation at this site is complete

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: \$ 0

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.

The tank area is located in non-crop pastureland. During the October 29, 2025 inspection, erosion was observed on the west side of the tank due to summer rainfall. On November 18, 2028 topsoil was added, the area was graded, compaction was relieved, and erosion controls (such as wattles) were installed to prevent further erosion. The location remains in active use; full reclamation will occur when this location is decommissioned. BMPs implemented at this location are supported by the attached photo documentation and analytical results. All reclamation activities will be completed in accordance with ECMC Rule 1003.

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. 04/27/2022

Proposed date of completion of Reclamation. 11/30/2026

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. 03/01/2022

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

SITE INVESTIGATION DATES

Date of Initial Actions described in Site Investigation Plan (start date). 03/01/2022

Proposed site investigation commencement. 03/01/2022

Proposed completion of site investigation. 10/29/2025

REMEDIAL ACTION DATES

Proposed start date of Remediation. 03/01/2022

Proposed date of completion of Remediation. 10/29/2025

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:

Not all milestones were completed and analyzed soil samples gave an updated approach.

OPERATOR COMMENT

COAs from Doc #403544870 have been addressed as follows:

1. The Implementation Schedule has been updated in this submittal as requested.
2. The Site Investigation Report and photo documentation have been uploaded in the attachments.
3. This form has been fully populated to include the Site Investigation Report and the Remedial Action Plan.
4. "Facility Type" has been added to this submittal as requested.
5. An updated soil sample location map has been uploaded.
6. Soil samples were collected in October 2025 based on the highest field screening results and were analyzed to the full Table 915-1 analyte list. Analytical results are included in the attachments.
7. Soil samples were collected from approximately four feet beneath the ground surface.
8. Soil was not removed during the tank removal. Initial samples collected during that time were not analyzed to the full Table 915-1 suite; however, new samples collected in October 2025 were analyzed in accordance with Table 915-1 requirements.
9. Samples from the tank removal and footprint were not obtained during the removal process. However, the Operator has begun collecting photo documentation of work completed at this site, and those photos have been uploaded in the attachments.

COAs from Doc #403659783 have been addressed as follows:

1. The Site Investigation Report and photo documentation have been uploaded in the attachments.
2. Because prior approval to use a reduced analyte suite was not obtained, the Operator collected new soil samples and analyzed them to the full Table 915-1 analyte list.
3. The Operator has fully populated the Implementation Schedule in accordance with Rule 913.d.

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

Signed: Azucena Torres

Title: Remediation & Reclamation

Submit Date: 12/22/2025

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: 22082

COA Type

Description

1 COA	<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>
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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

404454431	INVESTIGATION/REMEDICATION WORKPLAN (SUPPLEMENTAL)
404455261	ANALYTICAL DATA SUMMARY TABLE(S)
404455265	ANALYTICAL RESULTS
404455269	ANALYTICAL DATA SUMMARY TABLE(S)
404455444	ANALYTICAL RESULTS
404455460	PHOTO DOCUMENTATION
404481372	SOIL SAMPLE LOCATION MAP
404481373	SOIL SAMPLE LOCATION MAP
404511923	FORM 27-SUPPLEMENTAL-SUBMITTED

Total Attach: 9 Files

General Comments

User Group

Comment

Comment Date

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)