

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:
404142930
Receive Date:
03/31/2025

Report taken by:
Krystal Heibel

Site Investigation and Remediation Workplan (Initial 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) 3323585</u> Mobile: <u>(713) 6287339</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 #: 40141 Initial Form 27 Document #: 404142930

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: removal of a pump shed, a 40-bbl water tank, a 300-bbl crude oil tank, 120' waterline

SITE INFORMATION

Yes Multiple Facilities

Facility Type: <u>LOCATION</u>	Facility ID: <u>304849</u>	API #: _____	County Name: <u>YUMA</u>
Facility Name: <u>WILLIAMS-61N45W 21SESW</u>	Latitude: <u>40.033930</u>	Longitude: <u>-102.409710</u>	
** correct Lat/Long if needed: Latitude: _____		Longitude: _____	
QtrQtr: <u>SESW</u>	Sec: <u>21</u>	Twp: <u>1N</u>	Range: <u>45W</u> Meridian: <u>6</u> Sensitive Area? <input type="checkbox"/> Yes

SITE CONDITIONS

General soil type - USCS Classifications SM Most Sensitive Adjacent Land Use Dry Land Crop Field
 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

Potential Receptors: A domestic/livestock well approximately 1339' southwest-water depth >93', a residential well approximately 1845' southeast-water depth >117', Designated Groundwater Management Area, Designated Basin, Mule Deer Severe Winter Range, Freshwater Emergent approximately 1003' north of the location, however none present at this time.

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
UNDETERMINED	SOILS	TBD	Field Screening & 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 were required or taken. This Form 27 pertains to the removal of a lined containment and surface equipment associated with location 304849. Scope: removal of a pump shed, a 40-barrel water tank, and a 300-barrel crude oil tank. Additionally, it involves the removal of a 30-by-30-foot lined containment area and a water line extending approximately 120 feet southeast from the wellhead facility (ID #275549) to the water tank as shown in the map. The wellhead area itself is not being plugged or remediated at this time.

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 minimum of 3 samples will be collected: One from under the 40 bbl. water tank inlet, one under the 300 bbl. oil tank inlet and a background 30–60 feet east of the containment. Visual field screening will be conducted at the containment location, any visual disturbance will be investigated. Also field screening will be done at the one excavation, covering each wall and floor quadrant. Sampling locations will be adjusted based on field screening, and excavation screening. Samples will be taken from the highest soil screening location within the excavation; if all screenings are zero, from the highest visible staining location; if no staining is present we will use the samples as described earlier. All samples will be analyzed according to the full Table 915-1.

Proposed Groundwater Sampling

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

Groundwater is not expected at this location or the excavation.

Proposed Surface Water Sampling

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

No surface water in the 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 _____ 0
Number of soil samples exceeding 915-1 _____
Was the areal and vertical extent of soil contamination delineated? _____
Approximate areal extent (square feet) _____

NA / ND

_____ Highest concentration of TPH (mg/kg) _____
_____ Highest concentration of SAR _____
_____ BTEX > 915-1 _____
_____ Vertical Extent > 915-1 (in feet) _____

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?

A background sample from an undisturbed area will be collected to use as a baseline for Table 915 reclamation standards.

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

SOURCE REMOVAL SUMMARY

Describe how source is to be removed.

If samples don't meet table 915-1 levels remedial actions are required which typically include decompaction, natural attenuation and gypsum which will bring the most common outliers (EC, SAR) - salt content - back to allowed levels within 1-2 years.

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.

Remediation actions required will most likely be for produced water; This historically represents itself with high salt content in soil and EC readings; Remediation action that has been efficient in the past is decompaction, natural attenuation combined with gypsum; Typical EC levels reach 915-1 table levels between 1 and 2 years; This location is in a dry land crop field, impacted soil will be treated and monitored until two crop growing seasons has been observed and there is no indication of significant unrestored subsistence. land will be returned to surface owner for planting and harvest.

Soil Remediation Summary

In Situ

Ex Situ

_____ Bioremediation (or enhanced bioremediation)

_____ Excavate and offsite disposal

Chemical oxidation
 Air sparge / Soil vapor extraction
 Natural Attenuation
 Other _____

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: \$ 750 _____

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: _____

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.

Surface equipment will be removed within three (3) months of cut and cap date. Well location will then be reclaimed. Where necessary, compaction alleviation, restoration, and revegetation of well site will be performed to the standards as set up under Rule 1003. All disturbed areas affected will be reclaimed as early and as close to their original condition or their final land use as designated by the surface owner and shall be maintained to minimize erosion. In crop lands, where necessary, topsoil will be added to the depression and the surface will be left as close to its original contour as possible. The area shall be treated if necessary and practical to prevent invasion of undesirable species and noxious weeds, and to control erosion. Land will be returned to the surface owner for planting and harvest.

Is the described reclamation complete? _____

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? _____

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

Did the local soil conservation district provide the seed mix? _____

SITE RECLAMATION DATES

Proposed date of commencement of Reclamation. 03/31/2025

Proposed date of completion of Reclamation. 05/29/2026

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. 03/12/2025

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

SITE INVESTIGATION DATES

Date of Initial Actions described in Site Investigation Plan (start date). 03/31/2025

Proposed site investigation commencement. _____

Proposed completion of site investigation. 05/14/2025

REMEDIAL ACTION DATES

Proposed start date of Remediation. 03/31/2025

Proposed date of completion of Remediation. 05/29/2026

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:

OPERATOR COMMENT

NOTE: The wellhead facility id #275549 associated with this lined containment will not be removed at this time. Only the lined containment, surface equipment, 2-tanks and approximately 120' of waterline.

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: 03/31/2025

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: 04/24/2025

Remediation Project Number: 40141

COA Type**Description**

	If groundwater is encountered, inorganic parameters (TDS, chloride, sulfate) will be sampled in addition to the organic compounds in groundwater (benzene, toluene, ethylbenzene, xylenes, naphthalene, 1,2,4 TMB, and 1,3,5 TMB).
	Background sampling locations should be sufficiently away from the impacted area to reflect conditions not impacted by oil and gas activity, and should be obtained from similar depths and soil horizons or lithologic materials for comparison to confirmation soil samples. Proposed background sample location is near oil and gas activity area and may be impacted by oil and gas activity. Operator shall move the location of background sample sufficiently away from any area potentially impacted by oil/gas activity.
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**

404142930	FORM 27-INITIAL-SUBMITTED
404143715	PHOTO DOCUMENTATION
404144420	AERIAL IMAGE
404144421	SOIL SAMPLE LOCATION MAP

Total Attach: 4 Files

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

Environmental	"The wellhead area itself is not being plugged or remediated at this time." "NOTE: The wellhead facility id #275549 associated with this lined containment will not be removed at this time. Only the lined containment, surface equipment, 2-tanks and approximately 120' of waterline."	04/24/2025
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Total: 1 comment(s)