

State of Colorado
Energy & Carbon Management Commission1120 Lincoln Street, Suite 801, Denver, Colorado 80203
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Document Number:

403828337

Receive Date:

06/18/2024

Report taken by:

Chris Sanchez

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 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: OGRIS OPERATING LLC | Operator No: 10758 | Phone Numbers |
| Address: PO BOX 53467 | | Phone: (719) 2204041 |
| City: MIDLAND | State: TX | Zip: 79710 |
| Contact Person: GIENA ZECHES | Email: GZECHES@OGRISOP.COM | Mobile: () |

PROJECT, PURPOSE & SITE INFORMATION

PROJECT INFORMATION

Remediation Project #: 36158 Initial Form 27 Document #: 403828337

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 #: 071-07191 | County Name: LAS ANIMAS |
| Facility Name: HILL RANCH 9-03 V | Latitude: 37.017010 | Longitude: -104.897280 | |
| ** correct Lat/Long if needed: Latitude: _____ | | Longitude: _____ | |
| QtrQtr: NENW | Sec: 9 | Twp: 35S | Range: 67W Meridian: 6 Sensitive Area? Yes |

| | | | |
|--|---------------------|------------------------|--|
| Facility Type: PIT | Facility ID: 265860 | API #: _____ | County Name: LAS ANIMAS |
| Facility Name: HILL RANCH 09-03V | Latitude: 37.016940 | Longitude: -104.896745 | |
| ** correct Lat/Long if needed: Latitude: _____ | | Longitude: _____ | |
| QtrQtr: NENW | Sec: 9 | Twp: 35S | Range: 67W Meridian: 6 Sensitive Area? Yes |

SITE CONDITIONS

General soil type - USCS Classifications SC

Most Sensitive Adjacent Land Use FOREST

Is domestic water well within 1/4 mile? No

Is surface water within 1/4 mile? Yes

Is groundwater less than 20 feet below ground surface? No

Other Potential Receptors within 1/4 mile

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) NO WASTES ASSOCIATED WITH THIS PROJECT HAVE BEEN IDENTIFIED

DESCRIPTION OF IMPACT

| Impacted? | Impacted Media | Extent of Impact | How Determined |
|--------------|----------------|------------------|-------------------------------------|
| UNDETERMINED | SOILS | TBD | LABORATORY ANALYSIS OF SOIL SAMPLES |

INITIAL ACTION SUMMARY

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

THIS FORM IS BEING SUBMITTED TO COMPLY WITH ECOMC RULE 911.A.(4). THE FORM SERVES AS THE INITIAL NOTIFICATION TO PLUG AND ABANDON THE HILL RANCH 09-03V (API#05-071-07191) AND THE ASSOCIATED PIT HILL RANCH 09-03V (FAC ID 265860).

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):

AS PART OF THE "CUT AND CAP OPERATIONS", THE HILL RANCH 09-03V WELLHEAD WILL BE EXCAVATED. ONE SOIL SAMPLE WILL BE COLLECTED FROM AN AREA ADJACENT TO THE WELL. THE SAMPLE WILL BE SUBMITTED FOR LABORATORY ANALYSIS OF THE FULL LIST OF SOIL CONSTITUENTS IN ECOMC TABLE 915-1. BACKGROUND SOIL SAMPLES MAY BE COLLECTED FROM COMPARABLE, NEARBY, NON-IMPACTED SOIL TO ESTABLISH NATIVE SOIL CONDITIONS FOR PH, EC, SAR, AND BORON PER RULE 915.E.(2).D. PHOTOS, FIELD NOTE LOGS FROM THE SAMPLE EXCAVATION/COLLECTION, AS WELL AS LABORATORY ANALYSIS WILL BE INCLUDED WITH A FORM 27A. THE BASE AND SIDEWALLS OF THE WELLHEAD EXCAVATION WILL BE VISUALLY INSPECTED AND FIELD SCREENED FOR ANY POSSIBLE EVIDENCE OF CONTAMINANTS. DURING THE FLOWLINE ABANDONMENT, ANY LIQUIDS EVACUATED FROM THE FLOWLINE WILL BE PROPERLY CONTAINED AND DISPOSED OF IN COMPLIANCE WITH RULE 905. (CONT. IN "ADDITIONAL INVESTIGATIVE ACTIONS").

Proposed Groundwater Sampling

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

IF GROUND WATER IS ENCOUNTERED DURING SITE INVESTIGATION, A SAMPLE WILL BE COLLECTED AND SUBMITTED FOR ANALYSIS OF TABLE 915-1 CONSTITUENTS OF CONCERN.

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):

OGRIS OPERATING WILL FIELD SCREEN AREAS WHERE THE FLOWLINE CONNECTS TO THE WELLHEAD AND SURFACE EQUIPMENT, AS WELL AS THE APPROXIMATE FOOTPRINTS OF ALL PREVIOUS ASSOCIATED EQUIPMENT. ADDITIONALLY, SOIL SAMPLES WILL ALSO BE COLLECTED FROM THE BASE AND SIDEWALLS OF THE ASSOCIATED PIT AND SUBMITTED FOR LABORATORY ANALYSIS. IF FIELD SCREENING INDICATES IMPACTS TO SOIL IN ANY OF THESE LOCATIONS, THE SAMPLE EXHIBITING THE HIGHEST DEGREE OF IMPACTS BASED ON FIELD SCREENING WILL BE COLLECTED FROM THE ASSOCIATED AREA AND SUBMITTED FOR LABORATORY ANALYSIS OF THE FULL LIST OF SOIL CONSTITUENTS IN ECOMC TABLE 915-1. ANY IMPACTED SOIL WILL BE SEGREGATED, STOCKPILED ON SITE, AND THE EXTENT OF IMPACTS INVESTIGATED THROUGH ADDITIONAL EXCAVATION AND CONFIRMATION SOIL SAMPLING.

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?

☐ 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.

NO SOURCE REMOVAL IS WARRANTED AT THIS TIME AS NO IMPACTS ASSOCIATED WITH THE WELL HAVE BEEN IDENTIFIED. IF IMPACTS ARE IDENTIFIED AND THE EXCAVATION OF IMPACTS CANNOT BE COMPLETED AT THE TIME OF DISCOVERY, AN ASSESSMENT WILL BE MADE TO SELECT THE MOST APPROPRIATE STRATEGY FOR REMOVAL OF IMPACTS.

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.

A REMEDIATION PLAN WILL BE PRESENTED TO THE ECMC IF IMPACTS ARE OBSERVED DURING THE PROPOSED SITE INVESTIGATION ACTIVITIES.

Soil Remediation Summary

☐ In Situ

☐ Ex Situ

_____ Bioremediation (or enhanced bioremediation)

_____ Excavate and offsite disposal

_____ Chemical oxidation

If Yes: Estimated Volume (Cubic Yards) _____

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

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.

OGRIS OPERATING, LLC. MAINTAINS LIABILITY INSURANCE WITH THE STATE OF CO.

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:

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 HILL RANCH 09-03V SHARES A LARGE WELL PAD WITH THE HILL RANCH 09-03R LOCATION, WHICH WILL REMAIN OPERATIONAL. THE HILL RANCH 09-03R ALSO HAS ITS OWN PIT ON LOCATION ADJACET TO THE HR 09-03V PIT. THE HR 09-03V SIDE OF THE SHARED LOCATION WILL BE RETURNED TO ORIGINAL CONTOURS DURING THE RECLAMATION PROCESS, THE HR 09-03V PIT WILL BE BACK FILLED TO MATCH DESIRED CONTOURS, AND ALL DISTURBED AREAS WILL BE COMPACTED, TRACKED, AND SEEDED/HYDRO MULCHED TO PROMOTE VEGETATIVE STABILIZATION. DURING THE RECLAMATION PROCESS, TEMPORARY AND PERMANENT BMPs WILL BE INSTALLED TO PROPERLY DIVERT STORMWATER AND CONTROL SEDIMENT TRAVEL. THE AREA WILL BE FURTHER MONITORED DURING GROWING SEASONS FOR ANY NECESSARY WEED TREATMENTS, ADDITIONAL NEEDED STORMWATER BMPs, AND FURTHER VEGETATIVE ESTABLISHMENT.

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? _____

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. _____

Proposed date of completion of Reclamation. _____

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. _____

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

SITE INVESTIGATION DATES

Date of Initial Actions described in Site Investigation Plan (start date). 07/17/2024

Proposed site investigation commencement. _____

Proposed completion of site investigation. _____

REMEDIAL ACTION DATES

Proposed start date of Remediation. _____

Proposed date of completion of Remediation. _____

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

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

Signed: GIENA ZECHES

Title: ENVIRONMENTAL

Submit Date: 06/18/2024

Email: GZECHES@OGRISOP.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: Chris Sanchez

Date: 07/12/2024

Remediation Project Number: 36158

COA Type**Description**

| | |
|--------|---|
| | Operator has not proposed a sampling plan for the decommissioning of the onsite production pit. Operator shall provide a detailed sampling plan for the collection of confirmation soils samples to be collected from the pit location on the next supplemental Form 27 |
| | Operator shall collect confirmation soil samples as described in the Rule 915.e.2 Guidance Document. Operator will analyze soil samples for TPH (C6-C36), Table 915-1 Organic Compounds in Soil, Table 915-1 metals, and Table 915-1 Soil Suitability for Reclamation (Electrical conductivity, Sodium adsorption ratio, and pH by saturated paste method, boron (hot water soluble)). |
| | Operator shall submit the next Supplemental Form 27 with all available analytical results no later than 90 days after the well cut and cap date. |
| | If encountered operator will analyze groundwater samples for Table 915-1 Groundwater Inorganic Parameters (total dissolved solids, sulfate, chloride) in addition to the Organic Compounds |
| | Operators will collect and submit for laboratory analysis a soil sample collected from the areas most likely to have been impacted during the operational life of the flowlines. These areas include, but are not limited to: where Flowlines connect to the wellhead, surface equipment, risers, valves, or manifolds; where Flowlines bend or were repaired in the past and at joints and hammer unions; where Flowlines connect to Flowlines or equipment of different material; and where Flowlines crossed drainages or surface water or are in contact with shallow groundwater. |
| | If impacted soils are encountered during facility decommissioning, the impacted soil will be segregated for proper offsite disposal and the lateral and vertical extent of impacts shall be determined with appropriate confirmation soil sampling |
| | Operator shall submit Quarterly Updates for this remediation project every 90 days as required by Rule 913.e. Quarterly updates shall include a current map of the subject location including current excavation limits and/or sample locations, proposed/actual soil boring locations and monitoring well locations. GPS data used to create the map must comply with ECMC Rule 216. Operator will include historical and recent soil analytical data in a table format in Quarterly updates. Operator shall submit field notes of all field activities reported and photo logs during a Quarterly Update. |
| 7 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**

| | |
|-----------|--|
| 403828337 | INVESTIGATION/REMEDIATION WORKPLAN (INITIAL) |
| 403828398 | PHOTO DOCUMENTATION |
| 403828402 | AERIAL IMAGE |
| 403828406 | AERIAL IMAGE |

| | |
|-----------|---------------------------|
| 403828410 | MAP |
| 403852390 | FORM 27-INITIAL-SUBMITTED |

Total Attach: 6 Files

General Comments

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

Total: 0 comment(s)