

State of Colorado
Energy & Carbon Management Commission

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Report taken by:
Alexander Ahmadian

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: NOBLE ENERGY INC	Operator No: 100322	Phone Numbers
Address: 1099 18TH STREET SUITE 1500		Phone: (970) 304-5000
City: DENVER	State: CO	Zip: 80202
Contact Person: Dan Peterson	Email: rbueuf27@chevron.com	Mobile: ()

PROJECT, PURPOSE & SITE INFORMATION

PROJECT INFORMATION

Remediation Project #: 38679 Initial Form 27 Document #: 404063641

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: LOCATION	Facility ID: 487521	API #: _____	County Name: WELD
Facility Name: DECHANT OZBUN T2N-R64W-S19 L01 Loc	Latitude: 40.116880	Longitude: -104.593410	
** correct Lat/Long if needed: Latitude: 40.116898		Longitude: -104.593605	
QtrQtr: SWSE	Sec: 19	Twp: 2N	Range: 64W Meridian: 6 Sensitive Area? Yes

Facility Type: SPILL OR RELEASE	Facility ID: 491917	API #: _____	County Name: WELD
Facility Name: Dechant Ozbun T2N-R64W-S19 L01	Latitude: 40.116931	Longitude: -104.593513	
** correct Lat/Long if needed: Latitude: _____		Longitude: _____	
QtrQtr: SWSE	Sec: 19	Twp: 2N	Range: 64W Meridian: 6 Sensitive Area? Yes

SITE CONDITIONS

General soil type - USCS Classifications SW _____

Most Sensitive Adjacent Land Use Cropland _____

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

Residential 0.06mi W, 0.09mi SW
Farm Structure 0.05mi NW, 0.08mi S, 0.16mi E



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 checked="" type="checkbox"/> Oil | <input type="checkbox"/> Tank Bottoms | |
| <input checked="" 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
UNDETERMINED	GROUNDWATER	NA	Lab analysis and field screening, if encountered
Yes	SOILS	Refer to Tables and Figures	Lab analysis and field screening

INITIAL ACTION SUMMARY

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

Pursuant to ECMC Rule 911, a site investigation was conducted between 10/13/2026 and 10/17/2026 at the DECHANT OZBUN T2N-R64W-S19 L01 Facility and Tank Battery location. During decommissioning activities, elevated PIDs, hydrocarbon odors, and staining were encountered within the excavation of the former produced water vault infrastructure and reported under Form 19 Document #404395445. Over-excavation at this location occurred in an effort to remove the impacted material. Additional base samples and sidewall samples from each cardinal direction were collected from the over-excavation extent.

The separator flowline riser sample shown on the map attached to the approved Form 27 Initial (ECMC Doc #404063641) was collected on 07/17/2024 as FL01R-S@4' under the associated Ozbun 10-19 Flowline (REM #35864) and reported under ECMC Doc #403924302.

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):

Grab confirmation soil samples were collected from the produced water vessel(s) excavation (PWV01-B@7', PWV01-B2@7', PWV01-N@3', PWV01-N@6', PWV01-N2@6', PWV01-E@6', PWV01-S@6', PWV01-S2@6', PWV01-W@6', and PWV01-W2@6'), beneath the ground oil tank(s) (AST01@0-6"), at the risers for the flowline(s) (SEP02-FL@5') and dumpline(s) (SEP01-DL@5' and SEP02-DL@5') of any separator(s). In addition, the on-site dump lines located between the separator and tank battery were removed by pulling from either end. Soil samples were analyzed by a certified laboratory for the full extent of ECMC Table 915-1. All samples collected were analyzed by a certified laboratory using approved ECMC laboratory analysis methods.

Proposed Groundwater Sampling

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

If groundwater is encountered during the site investigation a grab groundwater sample will be collected and analyzed for all organic compounds and inorganic parameters per ECMC Table 915-1.

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):

Visual inspection at the tank battery area occurred during abandonment activities. Field personnel field screened all disturbed areas using visual and olfactory senses. Additionally, discrete soil samples were collected from the base of the excavation and excavation sidewall in areas most likely to be impacted and exhibiting the highest field screened VOC concentration. A detailed summary of tank battery decommissioning activities, including field notes, site photos, figures, and laboratory analytical results, is attached to this Form 27.

SITE INVESTIGATION REPORT

SAMPLE SUMMARY

Soil

Number of soil samples collected 14

Number of soil samples exceeding 915-1 4

Was the areal and vertical extent of soil contamination delineated? No

Approximate areal extent (square feet) 200

NA / ND

-- Highest concentration of TPH (mg/kg) 5152.9

-- Highest concentration of SAR 2.65

BTEX > 915-1 Yes

Vertical Extent > 915-1 (in feet) 6

Groundwater

Number of groundwater samples collected 0

Was extent of groundwater contaminated delineated? Yes

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?

On 10/17/2025, six background soil samples were collected from two discrete locations (BKG01 & BKG02) adjacent to the tank battery and analyzed for metals in soil per ECMC Table 915-1, pH, SAR, EC, and boron. Background soil samples were collected from depths ranging between 2 to 7 feet below ground surface (ft bgs). The maximum background concentrations with a 1.25x multiplier applied for arsenic, barium, lead, and selenium were calculated to be 7.1 mg/kg, 369 mg/kg, 14.8 mg/kg, and 0.30 mg/kg respectively. All arsenic, barium, and lead concentrations observed during decommissioning were below 1.25x the maximum background levels.

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?

Concurrently with the proposed remedial excavation, a supplemental site investigation (SSI) will be completed to collect additional background samples to determine if elevated selenium is attributed to native soil conditions at the site. The SSI will be completed in accordance with the proposed implementation schedule, and the results of the SSI will be submitted on a subsequent Form 27.

REMEDIAL ACTION PLAN

Does this Supplemental Form 27A include changes to a previously approved Remedial Action Plan? No

SOURCE REMOVAL SUMMARY

Describe how source is to be removed.

During decommissioning activities on 10/15/2025, elevated PIDs, hydrocarbon odors, and staining were encountered beneath the former produced water vault infrastructure. Decommissioning analytical results identified organic compounds at waste characterization soil samples PWV01-S@6' and PWV01-W@6' in exceedance of ECMC Table 915-1 Residential Soil Screening Levels (RSSLS). Excavation activity at this location occurred on 10/15/2025 and 10/16/2025 in an effort to remove the impacted material. A total of 30 cubic yards (CY) of impacted soil was excavated and transported off-site for disposal at the Waste Management Buffalo Ridge Landfill. Additional information regarding the disposal of impacted material including waste manifests will be submitted on a subsequent Form 27.

Confirmation soil samples were collected from the over-excavation extent at the base of excavation and at each of the sidewalls. Confirmation soil samples were analyzed for full ECMC Table 915-1 constituents. Analytical results indicate that the source area was successfully removed at the PWV01-S@6' sample location.

Organic compounds in exceedance of ECMC Table 915-1 Protection of Groundwater Soil Screening Levels (PGSSLs) at the western sidewall remain at sample location PWV01-W2@6'. The PGSSL exceedances at this location will be removed via remedial excavation. Confirmation soil samples will be analyzed for full ECMC Table 915-1 constituents.

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.

Decommissioning analytical results indicated all soil suitability parameters were within the ECMC Table 915-1 Soil Suitability Limits. All metals concentrations were within the applicable ECMC regulatory limits or below 1.25x the maximum background concentrations, with the exception of selenium at sample location AST01 @0-6". Concurrently with the proposed remedial excavation, a supplemental site investigation (SSI) will be completed to collect additional background samples to determine if elevated selenium is attributed to native soil conditions at the site. The SSI will be completed in accordance with the proposed implementation schedule, and the results of the SSI will be submitted on a subsequent Form 27.

Soil Remediation Summary

In Situ

Ex Situ

_____ Bioremediation (or enhanced bioremediation)

Yes _____ Excavate and offsite disposal

_____ Chemical oxidation

If Yes: Estimated Volume (Cubic Yards) _____ 30

_____ Air sparge / Soil vapor extraction

Name of Licensed Disposal Facility or ECMC Facility ID # _____

_____ Natural Attenuation

_____ Excavate and onsite remediation

_____ Other _____

_____ 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.

Groundwater was not encountered during initial decommissioning activities.

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 Decommissioning Sample Summary & Supplemental Site Investigation Proposal

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.

Noble intends to directly address the costs of remediation at the locations as part of our asset retirement obligation process and operations. Noble has general liability insurance (policies MWZZ316714 and MWZX316724) and financial assurance in compliance with ECMC rules. Records are available on the ECMC's website. The cost for remediation is an estimate only, costs may change upwards or downward based on site-specific information. Noble makes no representation or guarantees as to the accuracy of the estimate.

Operator anticipates the remaining cost for this project to be: \$ 50000

WASTE DISPOSAL INFORMATION

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

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 Excavated soils

ECMC Disposal Facility ID #, if applicable:

Non-ECMC Disposal Facility: Waste Management Landfill - Buffalo Ridge

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 in accordance with ECMC 1000 Series Rules.

Is the described reclamation complete? Yes

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. 06/21/2026

Proposed date of completion of Reclamation. 06/30/2028

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. 01/14/2025

Actual Spill or Release date, or date of discovery. 10/15/2025

SITE INVESTIGATION DATES

Date of Initial Actions described in Site Investigation Plan (start date). 10/13/2025

Proposed site investigation commencement. 04/07/2026

Proposed completion of site investigation. 04/07/2026

REMEDIAL ACTION DATES

Proposed start date of Remediation. 04/07/2026

Proposed date of completion of Remediation. 10/07/2026

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:

The implementation schedule has been changed due to the decommissioning of the DECHANT OZBUN T2N-R64W-S19 L01 Loc tank battery and necessity for supplemental site investigation activities adjacent to the tank battery. The proposed site investigation will be completed following the approval of this form and is tentatively scheduled for commencement on 04/07/2026.

OPERATOR COMMENT

This Form 27 is being submitted to include the decommissioning results and historic reportable release discovered, and to propose supplemental site investigation (SSI) and remedial excavation activities at the former DECHANT OZBUN T2N-R64W-S19 L01 Loc Tank Battery (REM #38679) location.

Tank battery decommissioning activities occurred at the above referenced location between 10/13/2025 and 10/17/2025. Discrete soil samples were collected from beneath the former facility infrastructure as described in the approved Form 27-Initial (ECMC Document #404063641). The separator flowline riser sample shown on the map attached to the approved Form 27 Initial was collected on 07/17/2024 as FL01R-S@4' under the associated Ozbun 10-19 Flowline (REM #35864) and reported under ECMC Doc #403924302.

During decommissioning activities on 10/15/2025, elevated PIDs, hydrocarbon odors, and staining were encountered beneath the former produced water vault infrastructure and reported under Form 19 Document #404395445. Decommissioning analytical results identified organic compounds at waste characterization soil samples PWV01-S@6' and PWV01-W@6' in exceedance of ECMC Table 915-1 Residential Soil Screening Levels (RSSLs). Excavation activity at this location occurred on 10/15/2025 and 10/16/2025 in an effort to remove the impacted material. A total of 30 cubic yards (CY) of impacted soil was excavated and transported off-site for disposal at the Waste Management Buffalo Ridge Landfill. Additional information regarding the disposal of impacted material including waste manifests will be submitted on a subsequent Form 27.

Confirmation soil samples were collected from the over-excavation extent at the base of excavation and at each of the sidewalls. Confirmation soil samples were analyzed for full ECMC Table 915-1 constituents. Analytical results indicate that the source area was successfully removed at the PWV01-S@6' sample location.

Organic compounds in exceedance of ECMC Table 915-1 Protection of Groundwater Soil Screening Levels (PGSSLs) at the western sidewall remain at sample location PWV01-W2@6'. The PGSSL exceedances at this location will be removed via remedial excavation. Confirmation soil samples will be analyzed for full ECMC Table 915-1 constituents.

On 10/17/2025, six background soil samples were collected from two discrete locations (BKG01 & BKG02) adjacent to the tank battery and analyzed for metals in soil per ECMC Table 915-1, pH, SAR, EC, and boron. Background soil samples were collected from depths ranging between 2 to 7 feet below ground surface (ft bgs). The maximum background concentrations with a 1.25x multiplier applied for arsenic, barium, lead, and selenium were calculated to be 7.1 mg/kg, 369 mg/kg, 14.8 mg/kg, and 0.30 mg/kg respectively. All arsenic, barium, and lead concentrations observed during decommissioning were below 1.25x the maximum background levels.

The ECMC conducted a field inspection at the DECHANT OZBUN T2N-R64W-S19 L01 Loc Tank Battery on 10/30/2025 (Inspection #718300103), which is included under Related Forms.

All soil suitability parameters were within the ECMC Table 915-1 Soil Suitability Limits. All metals concentrations were within the applicable ECMC regulatory limits or below 1.25x the maximum background concentrations, with the exception of selenium at sample location AST01@0-6". Concurrently with the proposed remedial excavation, an SSI will be completed to collect additional background samples to determine if elevated selenium is attributed to native soil conditions at the site. The SSI is tentatively scheduled to commence on 04/07/2026.

Pursuant to Rule 913.e, quarterly reporting will be conducted until closure criteria are achieved for the remediation project. The results of the SSI and remedial excavation will be submitted on a subsequent Form 27.

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

Signed: Amy Haug

Title: Environmental Consultant

Submit Date: 01/14/2026

Email: tas-chevron-3@tasman-geo.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: 38679

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

404493516	FORM 27 DENIED
404493742	LABORATORY ANALYTICAL REPORT
404493743	LABORATORY ANALYTICAL REPORT
404493744	LABORATORY ANALYTICAL REPORT
404493745	LABORATORY ANALYTICAL REPORT
404493769	SITE INVESTIGATION PLAN
404499493	SITE INVESTIGATION REPORT

Total Attach: 8 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	ECMC has denied this form. Re-samples/verification/confirmation samples of organic exceedances are not considered valid. Operator shall remediate soils in the vicinity of impacts. These samples shall be omitted from the sampling plan.	04/02/2026

Total: 1 comment(s)



DENIED