

State of Colorado
Energy & Carbon Management Commission

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Report taken by:
Abdul Elnajdi

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		Mobile: ()
Contact Person: Erica Zuniga	Email: rbueuf27@chevron.com	

PROJECT, PURPOSE & SITE INFORMATION

PROJECT INFORMATION

Remediation Project #: 38147 Initial Form 27 Document #: 403987105

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: 420292	API #: _____	County Name: WELD
Facility Name: BASHOR PC AA 09-14 TANK	Latitude: 40.499290	Longitude: -104.445270	
** correct Lat/Long if needed: Latitude: 40.499304		Longitude: -104.445201	
QtrQtr: NESW	Sec: 9	Twp: 6N	Range: 63W Meridian: 6 Sensitive Area? Yes
Facility Type: SPILL OR RELEASE	Facility ID: 489533	API #: _____	County Name: WELD
Facility Name: BASHOR PC AA 09-14 TANK	Latitude: 40.499215	Longitude: -104.445302	
** correct Lat/Long if needed: Latitude: _____		Longitude: _____	
QtrQtr: NESW	Sec: 9	Twp: 6N	Range: 63W 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? Yes _____

Is groundwater less than 20 feet below ground surface? No _____

Other Potential Receptors within 1/4 mile

Within Mule Deer Severe Winter Range HPH
Within Pronghorn Winter Concentration Area HPH
Mule Deer Winter Concentration Area HPH 0.08mi SE
Freshwater Emergent Wetland 0.07mi W, 0.24mi SW
Freshwater Pond 0.11mi NW
Riverine 0.22mi SW
Lake 0.18mi W
Residential 0.2mi NE
Farm Structure 0.18mi NE

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 or 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.

A site investigation was conducted pursuant to ECMC Rule 911 at the BASHOR T6N-R63W-S9 L02 Facility and Tank Battery location.

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, beneath the ground oil tank(s), at the risers for the flowline (s) and dumpline(s) 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 Table 915-1, including but not limited to: TPH (total volatile [C6-C10] and extractable [C10-C36] hydrocarbons) organic compounds in soil per ECMC Table 915-1, and EC, SAR, pH, metals, and boron. 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 and inorganic compounds 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, was attached to previous Form 27 #404122685.

SITE INVESTIGATION REPORT

SAMPLE SUMMARY

Soil

NA / ND

Number of soil samples collected 28

-- Highest concentration of TPH (mg/kg) 47

Number of soil samples exceeding 915-1 7 -- Highest concentration of SAR 1.51

Was the areal and vertical extent of soil contamination delineated? No BTEX > 915-1 No

Approximate areal extent (square feet) 700 Vertical Extent > 915-1 (in feet) 4

Groundwater

Number of groundwater samples collected 0 Highest concentration of Benzene (µg/l) _____

Was extent of groundwater contaminated delineated? Yes Highest concentration of Toluene (µg/l) _____

Depth to groundwater (below ground surface, in feet) _____ Highest concentration of Ethylbenzene (µg/l) _____

Number of groundwater monitoring wells installed _____ Highest concentration of Xylene (µg/l) _____

Number of groundwater samples exceeding 915-1 _____ 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 3/10/2025 and 2/12/2026, twenty-two background soil samples were collected from seven discrete locations (BKG01 - BKG07) adjacent to the tank battery and associated wellheads 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 0 to 6 feet below ground surface (ft bgs). The maximum background concentrations for EC was observed to be 3.93 mmhos/cm. The maximum background concentrations with a 1.25x multiplier applied for arsenic, barium, chromium, and selenium were calculated to be 7.88 mg/kg, 248 mg/kg, 0.19 mg/kg, and 0.378 mg/kg, respectively. All arsenic, barium, and selenium concentrations observed were below 1.25x 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?

Based on the analytical results collected during the January 2026 SSI and February 2026 excavation activities, additional site investigation activities will be completed to further vertically and/or horizontally delineate the EC observed at sample locations SB05 and SB09. A proposed SSI map is attached to this Form 27. During the SSI, soil samples will be collected and analyzed for full ECMC Table 915-1 constituents. Concurrently with the SSI, additional background samples will be collected to determine if chromium 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 samples collected during 3/10/2025 decommissioning activities were analyzed outside of allotted holding times due to delays at Summit Scientific Laboratory. Operator's business partner has resampled the affected locations with results included in this 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.

On 02/11/2026 approximately 90 cubic yards of source material was excavated and transported off-site for disposal at the Waste Management Buffalo Ridge Landfill in Keenesburg, CO under Noble waste manifests.

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.

A site investigation was completed on 01/12/2026 to re-collect soil samples from the 03/10/2025 decommissioning events. The original samples were analyzed outside of holding times due to delays at Summit Scientific Laboratory. Resampling was completed by the Operator's business partner, and analyzed for full ECMC Table 915-1 constituents. Analytical results indicated that no organic compound exceedances were detected above the applicable regulatory standards. EC and chromium concentrations remain in exceedance above 1.25x maximum background levels.

A supplemental site investigation was completed on 01/22/2026 to vertically and horizontally delineate the organic exceedances observed during decommissioning activities. SB01 and SB06 were advanced at the same location as beneath the former separator and produced water vessel to vertically delineate impacts. SB02-SB10 were advanced surrounding SB01 and SB06 to vertically and laterally delineate impacts identified. Soil samples were collected and analyzed for the full ECMC Table 915-1 suite. Based on analytical results received all organic impacts were successfully delineated.

Remedial excavation activities were conducted on 2/12/2026 to remove organic impacts observed beneath the former separator and produced water vessel. Ten confirmation samples were collected from the sidewalls and bases of the final extent of the excavation areas and analyzed for the full ECMC Table 915-1 suite. Analytical results indicated that all organic compound concentrations in exceedance of regulatory standards were removed from the final excavation areas. However, EC and chromium concentrations remain in exceedance on Location.

An SSI will be completed to confirm and further vertically and horizontally delineate the EC exceedances observed in sample locations SB05 and SB09, in accordance with the attached proposed site investigation map, and proposed sampling plan outlined in the Site Investigation Report section of this 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) _____ 90

_____ 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, site investigation activities, or excavation 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 Confirmation Sample Summary and 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:

N/A

Volume of E&P Waste (solid) in cubic yards 90

E&P waste (solid) description Hydrocarbon impacted soil

ECMC Disposal Facility ID #, if applicable: _____

Non-ECMC Disposal Facility: Waste Management Buffalo Ridge

Volume of E&P Waste (liquid) in barrels 0

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 reseeded 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. 03/10/2025

Proposed date of completion of Reclamation. 08/11/2027

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. 10/08/2024

Actual Spill or Release date, or date of discovery. 03/10/2025

SITE INVESTIGATION DATES

Date of Initial Actions described in Site Investigation Plan (start date). 03/10/2025

Proposed site investigation commencement. 05/19/2026

Proposed completion of site investigation. 05/19/2026

REMEDIAL ACTION DATES

Proposed start date of Remediation. 05/19/2026

Proposed date of completion of Remediation. 11/19/2026

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 completion of the January 2026 supplemental site investigations and February 2026 excavation activities at the BASHOR PC AA 09-14 tank battery and necessity for additional supplemental site investigation activities. The proposed is tentatively scheduled for commencement on 05/19/2026.

OPERATOR COMMENT

This Form 27 is being submitted to include the supplemental site investigation results and include the results of the remedial excavations conducted during the first quarter 2026 and propose additional site investigation activities for the BASHOR PC AA 09-14 tank battery.

A site investigation was completed on 01/12/2026 to re-collect soil samples from the 03/10/2025 decommissioning events. The original samples were analyzed outside of holding times due to delays at Summit Scientific Laboratory. Resampling was completed by the Operator's business partner, and analyzed for full ECMC Table 915-1 constituents. Analytical results indicated that no organic compound exceedances were detected above the applicable regulatory standards. EC and chromium concentrations remain in exceedance above 1.25x maximum background levels.

A supplemental site investigation was completed on 01/22/2026 to vertically and horizontally delineate the organic exceedances observed during decommissioning activities. SB01 and SB06 were advanced at the same location as beneath the former separator and produced water vessel to vertically delineate impacts. SB02-SB10 were advanced surrounding SB01 and SB06 to vertically and laterally delineate impacts identified. Soil samples were collected and analyzed for the full ECMC Table 915-1 suite. Based on analytical results received all organic impacts were successfully delineated. Groundwater was not encountered during site investigation activities.

Remedial excavation activities were conducted on 2/12/2026 to remove organic impacts observed beneath the former separator and produced water vessel. Ten confirmation samples were collected from the sidewalls and bases of the final extent of the excavation areas and analyzed for the full ECMC Table 915-1 suite. Analytical results indicated that all organic compound concentrations in exceedance of regulatory standards were removed from the final excavation areas. However, EC and chromium concentrations remain in exceedance on Location.

On 3/10/2025 and 2/12/2026, twenty-two background soil samples were collected from seven discrete locations (BKG01 - BKG07) adjacent to the tank battery and associated wellheads 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 0 to 6 feet below ground surface (ft bgs). The maximum background concentrations for EC was observed to be 3.93 mmhos/cm. The maximum background concentrations with a 1.25x multiplier applied for arsenic, barium, chromium, and selenium were calculated to be 7.88 mg/kg, 248 mg/kg, 0.19 mg/kg, and 0.378 mg/kg, respectively. All arsenic, barium, and selenium concentrations observed were below 1.25x maximum background levels.

Based on the analytical results collected during the January 2026 SSI and February 2026 excavation activities, additional site investigation activities will be completed to further vertically and/or horizontally delineate the EC observed at sample locations SB05 and SB09. A proposed SSI map is attached to this Form 27. During the SSI, soil samples will be collected and analyzed for full ECMC Table 915-1 constituents. Concurrently with the SSI, additional background samples will be collected to determine if chromium 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.

Pursuant to Rule 913.e, quarterly reporting will be conducted until closure criteria are achieved for the remediation project. The results of 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: Trae Bruce

Title: Environmental Consultant

Submit Date: 03/17/2026

Email: bwagner@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: Abdul Elnajdi

Date: 03/17/2026

Remediation Project Number: 38147

COA Type

Description

COA Type	Description
1 COA	Operator will continue quarterly reporting until the site investigation is complete and Table 915-1 standards are met within the remediation area.

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

Att Doc Num	Name
404295764	INVESTIGATION/REMEDATION WORKPLAN (SUPPLEMENTAL)
404540351	ANALYTICAL RESULTS
404540352	ANALYTICAL RESULTS
404567649	ANALYTICAL RESULTS
404567656	ANALYTICAL RESULTS
404567657	ANALYTICAL RESULTS
404567658	SITE INVESTIGATION REPORT
404584032	FORM 27-SUPPLEMENTAL-SUBMITTED

Total Attach: 8 Files

General Comments

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

Total: 0 comment(s)