

State of Colorado
Energy & Carbon Management Commission

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Document Number:
404541815

Receive Date:

Report taken by:

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: Lauren Hoff	Email: RBUEUF27@chevron.com	

PROJECT, PURPOSE & SITE INFORMATION

PROJECT INFORMATION

Remediation Project #: 33387 Initial Form 27 Document #: 403604528

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 #: 123-23268	County Name: WELD
Facility Name: DR JOE CC 6-9	Latitude: 40.338970	Longitude: -104.472890	
** correct Lat/Long if needed: Latitude: _____		Longitude: _____	
QtrQtr: NESE	Sec: 6	Twp: 4N	Range: 63W Meridian: 6 Sensitive Area? Yes
Facility Type: SPILL OR RELEASE	Facility ID: 488497	API #: _____	County Name: WELD
Facility Name: Dr Joe CC06-09	Latitude: 40.338961	Longitude: -104.472873	
** correct Lat/Long if needed: Latitude: _____		Longitude: _____	
QtrQtr: NESE	Sec: 6	Twp: 4N	Range: 63W Meridian: 6 Sensitive Area? Yes

Facility Type: SPILL OR RELEASE Facility ID: 489062 API #: _____ County Name: WELD
 Facility Name: Dr Joe CC 06-09 Latitude: 40.338458 Longitude: -104.472739
 ** correct Lat/Long if needed: Latitude: _____ Longitude: _____
 QtrQtr: NESE Sec: 6 Twp: 4N Range: 63W Meridian: 6 Sensitive Area? Yes

Facility Type: SPILL OR RELEASE Facility ID: 489067 API #: _____ County Name: WELD
 Facility Name: DR JOE CC 6-9 Latitude: 40.336564 Longitude: -104.471872
 ** correct Lat/Long if needed: Latitude: _____ Longitude: _____
 QtrQtr: NESE Sec: 6 Twp: 4N Range: 63W Meridian: 6 Sensitive Area? Yes

Facility Type: SPILL OR RELEASE Facility ID: 489104 API #: _____ County Name: WELD
 Facility Name: DR JOE CC 6-9 Latitude: 40.336208 Longitude: -104.471507
 ** correct Lat/Long if needed: Latitude: _____ Longitude: _____
 QtrQtr: NESE Sec: 6 Twp: 4N Range: 63W Meridian: 6 Sensitive Area? Yes

Facility Type: SPILL OR RELEASE Facility ID: 489105 API #: _____ County Name: WELD
 Facility Name: DR JOE CC 6-9 Latitude: 40.337188 Longitude: -104.472294
 ** correct Lat/Long if needed: Latitude: _____ Longitude: _____
 QtrQtr: NESE Sec: 6 Twp: 4N Range: 63W Meridian: 6 Sensitive Area? Yes

Facility Type: SPILL OR RELEASE Facility ID: 489106 API #: _____ County Name: WELD
 Facility Name: DR JOE CC 6-9 Latitude: 40.337593 Longitude: -104.472432
 ** correct Lat/Long if needed: Latitude: _____ Longitude: _____
 QtrQtr: NESE Sec: 6 Twp: 4N Range: 63W Meridian: 6 Sensitive Area? Yes

Facility Type: SPILL OR RELEASE Facility ID: 489107 API #: _____ County Name: WELD
 Facility Name: DR JOE CC 6-9 Latitude: 40.338079 Longitude: -104.472601
 ** correct Lat/Long if needed: Latitude: _____ Longitude: _____
 QtrQtr: NESE Sec: 6 Twp: 4N 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? Yes

Other Potential Receptors within 1/4 mile

Well Within Bald Eagle Active Nest Site 0.5mi Buffer HPH
 Bald Eagle Active Nest Site 0.25mi Buffer HPH 0.22mi NE
 Pronghorn Winter Concentration Area HPH 0.16mi NE
 Riverine 0.02mi NW, 0.23mi NE
 Apparent Pond 0.11mi SW, 0.14mi NW
 Residential 0.16mi SE, 0.15/0.16mi NE
 Farm Structure 0.19mi SE, 0.13/0.17/0.19mi NE

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	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.

A site investigation was conducted during decommissioning of the Dr Joe CC 6-9 wellhead and flowline. On 11/14/24, the wellhead was cut and capped per ECMC rules. Lab samples were collected at the base of the excavation (WH01) and the flowline riser at the wellhead (FLR01). Screening samples were collected from the N-S-W excavation sidewalls. Laboratory analytical results indicated that organic concentrations exceeded regulatory standards in soil samples WH01 and FLR01, and were reported as a historic release (Spill ID # 488497).

The full length of the flowline (~1149') was removed on 01/15/25 - 01/16/25 per Form 44 # 404078857. Lab samples were taken from beneath the flowline riser at the wellhead (FL01-W) and at directional changes (FL01-01 - FL01-09); one sample was field screened (FL01-07). On 01/15/25, a lab sample was collected the flowline riser at the separator (SEP01-FL) during the Dr Joe CC-64N63W 6SESE Tank Battery decommissioning (REM #32743, submitted on Form 27 #404060284). During decommissioning, sample locations FL01R-W and FL01-09 exhibited elevated PIDs and hydrocarbon odor, and were reported as historic releases (Spill ID #s 488497 and 489062). These locations were preliminarily excavated and laboratory samples were collected from the base (FS01-FLR-W@6' and FS01-FL01-09) and sidewalls (SS01-FLR-W - SS04-FLR-W, and SS01-FL01-09 - SS04-FL01-09). Analytical results indicated that 1,2,4-TMB and 1,3,5-TMB exceeded Table 915-1 standards in sample location SS03-FL01-09.

Laboratory analytical results indicated that 1,2,4-TMB, naphthalene, total petroleum hydrocarbons (TPH), benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and 1-methylnaphthalene concentrations exceeded regulatory standards in sample locations FL01-01, FL01-03, FL01-05, FL01-06, and FL01-08, and were reported as historic releases (Spill ID #s 489104, 489067, 489105, 489106, and 489107, respectively). Groundwater was not encountered during decommissioning.

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):

Soil samples were collected as described in the Initial Action Summary of this Form 27. Sampling deviated from the approved sampling plan in Initial Form 27 #403604528 because two soil samples were collected beneath the flowline riser at the wellhead (FLR01, FL01R-W), and an additional confirmation sample was collected at a flowline directional change that was not indicated on the approved sample plan. Confirmation sample locations were collected at flowline directional changes based on field observations, therefore, several confirmation samples were collected at locations that differed slightly from the approved sampling plan. Soil samples were analyzed by a certified laboratory using approved ECMC laboratory approved analysis methods 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.

Proposed Groundwater Sampling

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

If groundwater is encountered during any future site investigation, a groundwater sample will be collected and analyzed for all organic and inorganic compounds per ECMC Table 915-1. This sample analysis includes, but is not limited to: BTEX, naphthalene, 1,2,4-trimethylbenzene (TMB), and 1,3,5-TMB by EPA Method 8260; chloride and sulfate anions by EPA Method 300.0; and total dissolved solids (TDS) by Method SM 2540C.

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 of the wellhead and flowline areas occurred during decommissioning activities. Field personnel screened all disturbed areas using visual and olfactory senses to determine if laboratory confirmation sampling was required. A detailed summary of the wellhead decommissioning activities, including field notes, site photos, figures, and laboratory analytical results, was attached to Form 27 # 403996197. A detailed summary of the flowline decommissioning activities, including field notes, site photos, figures, and laboratory analytical results, was attached to Form 27 # 404060780. Reissued secure laboratory reports from both of these investigations were attached to Form 27 # 404221896.

SITE INVESTIGATION REPORT

SAMPLE SUMMARY

Soil

Number of soil samples collected 77

Number of soil samples exceeding 915-1 14

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

Approximate areal extent (square feet) 1000

NA / ND

-- Highest concentration of TPH (mg/kg) 5184

-- Highest concentration of SAR 12

BTEX > 915-1 No

Vertical Extent > 915-1 (in feet) 7

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 01/16/25 and 12/22/25, a total of 36 background samples were collected (BKG01-BKG08) near the wellhead and flowline and analyzed for Table 915-1 metals, pH, SAR, EC, and boron. Background samples were collected from approximately 1' to 6' below ground surface. The maximum background concentrations observed for pH, SAR, and EC were 8.89, 6.9, and 8.55 mmhos/cm, respectively. Maximum background concentrations with a 1.25x multiplier applied for arsenic, barium, chromium, and lead were calculated to be 4.4 mg/kg, 143 mg/kg, 0.38 mg/kg, and 16.8 mg/kg, respectively. Backgrounds were below the reporting limits for chromium, so the aforementioned background level was calculated by multiplying the lowest reporting limit by 1.25. Site concentrations of pH, SAR, barium, chromium, and lead exceeding regulatory standards/background levels remain in-situ.

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 results of the 4Q25 SSI and 1Q26 remedial excavations, an SSI will be conducted to collect additional background samples to assess whether elevated concentrations of pH, SAR, barium, chromium VI, and lead in site samples can be attributed to native soil conditions. Background samples (BKG09-BKG14) will be analyzed for Table 915-1 metals, pH, EC, SAR, and boron. Proposed soil boring locations are illustrated in the Site Investigation Plan attached to this Form. The SSI will be conducted in accordance with the implementation schedule, and the results will be included on a subsequent Form 27.

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.

During flowline decommissioning activities on 01/16/25, elevated PID and hydrocarbon odor were observed at sample locations FL01R-W and FL01-09. Laboratory analytical results confirmed that FL01R-W and FL01-09 contained benzene, toluene, ethyl-benzene, xylenes, 1,2,4-TMB, 1,3,5-TMB, naphthalene, and total petroleum hydrocarbon (TPH) concentrations exceeding regulatory standards. These locations were excavated on 01/16/25, and the extents were approximately 16x16.5x6 ft bgs and 14x15x5 ft bgs, respectively. In total, approximately 20 cy of impacted material was transported offsite for disposal under Operator waste manifests at Waste Management's North Weld Landfill. Analytical results indicated that concentrations of 1,2,4-TMB and 1,3,5-TMB exceeded regulatory standards in excavation confirmation sample SS03-FL01-09@2.5'.

On 12/22/25, a site investigation was conducted to delineate impacted media, during which 30 soil borings were advanced to depths ranging from 2' to 6' bgs. Soil boring samples SB01-SB05, SB06-SB10, and SB11-SB15 were advanced proximal to WH01/FL01R-W, SS03-FL01-09, and FL01-03, respectively, to vertically and laterally delineate soil impacts. Soil samples were analyzed for all Table 915-1 constituents. Analytical results indicated that benzo(a)anthracene concentrations exceeded regulatory standards at sample location SB11@4-5'; organic impacts at WH01/FL01R and SS03-FL01-09 were successfully vertically and laterally delineated.

Between 01/12/26 and 01/30/26, the organic exceedances identified in samples SS03-FL01-09, FL01-01, FL01-03/SB11, FL01-05, FL01-06, FL01-08, and WH01/FLR01 were addressed through 6 separate remedial excavations. In total, approximately 683 cy of impacted material was removed from the excavations and transported offsite for disposal under Operator Waste Manifests at Waste Managements North Weld Landfill. Groundwater was not encountered during remedial excavation activities.

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 final excavation extents at excavation locations WH01/FLR01, FL01-09, FL01-08, FL01-06, FL01-05, FL01-03 and FL01-01 were approximately 15x15x8 ft bgs, 28x15x7 ft bgs, 15x15x3 ft bgs, 15x15x6 ft bgs, 20x27x6 ft bgs, 15x15x7 ft bgs, 15x15x5 ft bgs, respectively. The excavations were sampled per ECMC guidance, and in total, 52 excavation confirmation samples were collected from depths ranging between 1.5' to 8' bgs. Soil samples were analyzed for all Table 915-1 constituents. Analytical results indicated that final excavation confirmation soil samples were within regulatory standards for Table 915-1 organic compounds, and the exceedances identified at sample locations WH01/FLR01, SS03-FL01-09, FL01-08, FL01-06, FL01-05, FL01-03, and FL01-01 were successfully removed. However, inorganic and metals concentrations exceeding regulatory standards/background limits persist.

Following the 1Q26 remedial excavations, concentrations of pH, SAR, barium, chromium VI, and lead exceeding regulatory standards/background limits remain in-situ in ten soil sample locations. As discussed in the Site Investigation Report, an SSI will be conducted to collect additional background samples to assess whether the elevated inorganic and metals concentrations in site samples can be attributed to native soil conditions.

Soil Remediation Summary

<input type="checkbox"/> In Situ	<input checked="" type="checkbox"/> Ex Situ
_____ Bioremediation (or enhanced bioremediation)	Yes _____ Excavate and offsite disposal
_____ Chemical oxidation	_____ If Yes: Estimated Volume (Cubic Yards) _____ 703
_____ 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 decommissioning, site investigation, or remedial excavation activities conducted to date.

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 Supplemental Site Assessment and Source Mass Removal
Sample Summary & 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:

No beneficial use.

Volume of E&P Waste (solid) in cubic yards 703

E&P waste (solid) description Hydrocarbon impacted soil

ECMC Disposal Facility ID #, if applicable: _____

Non-ECMC Disposal Facility: Waste Management, Ault, CO

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 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. 11/14/2024

Proposed date of completion of Reclamation. 04/21/2028

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. 11/15/2023

Actual Spill or Release date, or date of discovery. 11/14/2024

SITE INVESTIGATION DATES

Date of Initial Actions described in Site Investigation Plan (start date). 11/14/2024

Proposed site investigation commencement. 10/21/2026

Proposed completion of site investigation. 10/21/2026

REMEDIAL ACTION DATES

Proposed start date of Remediation. 10/21/2026

Proposed date of completion of Remediation. 10/21/2027

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 4Q25 site investigation and 1Q26 remedial excavations at the Dr Joe CC 6-9 wellhead and flowline, and necessity for additional SSI activities. The SSI proposed in the Site Investigation Report Section is tentatively scheduled to commence October 2026, due to site location within crop field and Bald Eagle Active Nest Site High Priority Habitat. The ECMC will be notified of any updates to the implementation schedule in a subsequent Form 27.

OPERATOR COMMENT

This Form 27 is being submitted to include the results of the 4Q25 supplemental site investigation (SSI), 1Q26 remedial excavations, and to propose additional SSI activities.

On 12/22/25, a site investigation was conducted to delineate impacted media, during which 30 soil borings were advanced to depths ranging from 2' to 6' bgs. Soil boring samples SB01-SB05, SB06-SB10, and SB11-SB15 were advanced proximal to WH01/FL01R-W, SS03-FL01-09, and FL01-03, respectively, to vertically and laterally delineate soil impacts. Soil samples were analyzed for all Table 915-1 constituents. Analytical results indicated that benzo(a)anthracene concentrations exceeded regulatory standards at sample location SB11 @4-5'; organic impacts at WH01/FL01R and SS03-FL01-09 were successfully vertically and laterally delineated.

On 01/16/25 and 12/22/25, a total of 36 background samples were collected (BKG01-BKG08) near the wellhead and flowline and analyzed for Table 915-1 metals, pH, SAR, EC, and boron. Background samples were collected from approximately 1' to 6' below ground surface. The maximum background concentrations observed for pH, SAR, and EC were 8.89, 6.9 mmhos/cm, and 8.55, respectively. Maximum background concentrations with a 1.25x multiplier applied for arsenic, barium, chromium, and lead were calculated to be 4.4 mg/kg, 143 mg/kg, 0.38 mg/kg, and 16.8 mg/kg, respectively.

Between 01/12/26 and 01/30/26, the organic exceedances identified in samples SS03-FL01-09, FL01-01, FL01-03/SB11, FL01-05, FL01-06, FL01-08, and WH01/FLR01 were addressed through 6 separate remedial excavations. In total, approximately 683 cy of impacted material was removed from the excavations and transported offsite for disposal under Operator Waste Manifests at Waste Management's North Weld Landfill. Groundwater was not encountered during remedial excavation activities.

The final excavation extents at excavation locations WH01/FLR01, FL01-09, FL01-08, FL01-06, FL01-05, FL01-03 and FL01-01 were approximately 15x15x8 ft bgs, 28x15x7 ft bgs, 15x15x3 ft bgs, 15x15x6 ft bgs, 20x27x6 ft bgs, 15x15x7 ft bgs, 15x15x5 ft bgs, respectively. The excavations were sampled per ECMC guidance, and in total, 52 excavation confirmation samples were collected from depths ranging between 1.5' to 8' bgs. Soil samples were analyzed for all Table 915-1 constituents. Analytical results indicated that final excavation confirmation soil samples were within regulatory standards for Table 915-1 organic compounds, and the exceedances identified at sample locations WH01/FLR01, SS03-FL01-09, FL01-08, FL01-06, FL01-05, FL01-03, and FL01-01 were successfully removed. However, concentrations of pH, SAR, barium, chromium VI, and lead exceeding regulatory standards/background limits persist.

Based on the results of the 4Q25 SSI and 1Q26 remedial excavations, an SSI will be conducted to collect additional background samples to assess whether elevated concentrations of pH, SAR, barium, chromium VI, and lead in site samples can be attributed to native soil conditions. Background samples (BKG09-BKG14) will be analyzed for Table 915-1 metals, pH, EC, SAR, and boron. Proposed soil boring locations are illustrated in the Site Investigation Plan attached to this Form.

The results of the proposed SSI will be submitted on a subsequent Form 27. Per ECMC Rule 913.e., quarterly reporting will be conducted until closure criteria are achieved for the remediation project.

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

Signed: Lo Blanchard

Title: Reg. Reporting Analyst

Submit Date: _____

Email: tas-chevron-5@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: 33387

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
404551058	LABORATORY ANALYTICAL REPORT
404551059	LABORATORY ANALYTICAL REPORT
404551061	LABORATORY ANALYTICAL REPORT
404551066	LABORATORY ANALYTICAL REPORT
404551073	LABORATORY ANALYTICAL REPORT
404551076	LABORATORY ANALYTICAL REPORT
404551077	LABORATORY ANALYTICAL REPORT
404551078	LABORATORY ANALYTICAL REPORT
404551081	SITE INVESTIGATION PLAN

Total Attach: 10 Files

General Comments

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

Total: 0 comment(s)