

State of Colorado
Energy & Carbon Management Commission

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Document Number:
404016925

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: <u>PDC ENERGY INC</u>	Operator No: <u>69175</u>	Phone Numbers
Address: <u>1099 18TH STREET SUITE 1500</u>		Phone: <u>(303) 860-5800</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>		Mobile: <u>()</u>
Contact Person: <u>Karen Olson</u>	Email: <u>Karen.Olson@chevron.com</u>	

PROJECT, PURPOSE & SITE INFORMATION

PROJECT INFORMATION

Remediation Project #: 31424 Initial Form 27 Document #: 403480268

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: <u>LOCATION</u>	Facility ID: <u>311389</u>	API #: _____	County Name: <u>WELD</u>
Facility Name: <u>IKENOUYE-65N65W 29NWSE</u>	Latitude: <u>40.367400</u>	Longitude: <u>-104.682790</u>	
	** correct Lat/Long if needed: Latitude: <u>40.367708</u>	Longitude: <u>-104.682225</u>	
QtrQtr: <u>NWSE</u> Sec: <u>29</u> Twp: <u>5N</u> Range: <u>65W</u> Meridian: <u>6</u> Sensitive Area? <u>Yes</u>			
Facility Type: <u>SPILL OR RELEASE</u>	Facility ID: <u>485551</u>	API #: _____	County Name: <u>WELD</u>
Facility Name: <u>Ikenouye F 29-22,23 Tank Battery</u>	Latitude: <u>40.367910</u>	Longitude: <u>-104.682303</u>	
	** correct Lat/Long if needed: Latitude: _____	Longitude: _____	
QtrQtr: <u>NWSE</u> Sec: <u>29</u> Twp: <u>5N</u> Range: <u>65W</u> Meridian: <u>6</u> Sensitive Area? <u>Yes</u>			

Facility Type: <u>SPILL OR RELEASE</u>	Facility ID: <u>485684</u>	API #: _____	County Name: <u>WELD</u>
Facility Name: <u>C-AST IkenouyeF29-22,23Tank Battery</u>		Latitude: <u>40.367825</u>	Longitude: <u>-104.682188</u>
		** correct Lat/Long if needed: Latitude: _____	Longitude: _____
QtrQtr: <u>NWSE</u>	Sec: <u>29</u>	Twp: <u>5N</u>	Range: <u>65W</u> Meridian: <u>6</u> Sensitive Area? <u>Yes</u>

Facility Type: <u>SPILL OR RELEASE</u>	Facility ID: <u>485685</u>	API #: _____	County Name: <u>WELD</u>
Facility Name: <u>S-AST IkenouyeF29-22,23Tank Battery</u>		Latitude: <u>40.367777</u>	Longitude: <u>-104.682182</u>
		** correct Lat/Long if needed: Latitude: _____	Longitude: _____
QtrQtr: <u>NWSE</u>	Sec: <u>29</u>	Twp: <u>5N</u>	Range: <u>65W</u> Meridian: <u>6</u> Sensitive Area? <u>Yes</u>

SITE CONDITIONS

General soil type - USCS Classifications SM Most Sensitive Adjacent Land Use Agricultural

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

Nearest Well: Domestic - 1,273' SSW; Surface Water: South Platte River - 272' NW; Occupied Building: 1,165' S; Livestock: 745' S; FWS Wetlands: 192' W Forest/Shrub Riparian (Rp1FO); HPH Sensitive Wildlife Habitat: Rule 1202.c: Site Within Aquatic Native Species Conservation Area; Rule 1202.c: 443' NW - Aquatic Sportfish Management Waters; Rule 1202.d: Tank Battery Within Mule Deer Severe Winter Range; Rule 1202.d: Tank Battery Within Mule Deer Winter Concentration Area; Tank Battery Within 100-Year Floodplain.

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
Yes	GROUNDWATER	Refer to Document #403711161	Confirmation Groundwater Sampling
Yes	SOILS	Refer to Document #403711161	Confirmation Soil Sampling

INITIAL ACTION SUMMARY

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

On October 30, 2023, field screening and confirmation soil sampling activities were conducted in accordance with the ECMC Rule 911 during the decommissioning of the Ikenouye F29-22, 23 tank battery. On October 31, 2023, it was determined that a historic release was discovered when visually impacted soils were observed in contact with groundwater at the produced water vaults (PWVs) and reported on under ECMC Spill/Release Point ID 485551. Two additional historical releases were discovered on November 10, 2023, upon receipt of final analytical results. The first release was discovered below the center above ground storage tank (AST02, Spill/Release Point ID 485684). The second release was discovered below the southern AST (AST03, Spill/Release Point ID 485685). Following the discovery of the releases, mitigation activities were initiated. Excavation activities are ongoing and total volumes of soil and groundwater removed during mitigation activities will be included in a forthcoming Supplemental Form 27.

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):

On October 31, 2023, one soil sample (WC01) was collected from the PWV source area at approximately 4 feet below ground surface (bgs). The sample was submitted for laboratory analysis of the full ECMC Table 915-1 analytical suite. Analytical results indicated that site specific COCs include: benzene, toluene, ethylbenzene, and total xylenes (BTEX), naphthalene, total petroleum hydrocarbons (TPH[C6-C36]), 1,2,4-trimethylbenzene (TMB), 1,3,5-TMB, 1-methylnaphthalene (M), & 2-M.

Proposed Groundwater Sampling

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

On October 31, 2023, groundwater was encountered at approximately 6.5 feet bgs in the PWV excavation. Consequently, one groundwater sample (GW01) was collected from the excavation and submitted for laboratory analysis of BTEX, naphthalene, 1,2,4-TMB, and 1,3,5-TMB. Analytical results indicated that benzene, ethylbenzene, xylene, 1,2,4-TMB, & 1,3,5-TMB were in exceedance of the applicable ECMC Table 915-1 standards. The groundwater sample location is illustrated on Figure 1 and the analytical results are summarized on Table 5.

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):

During initial closure activities conducted on October 30, 2023, soil encountered on-site and below production equipment was visually inspected and field screened for volatile organic compound (VOC) concentrations using a photoionization detector (PID). Per the approved proposed sampling plan, samples were collected below and/or adjacent to the above ground storage tanks (ASTs), separator flowlines, & separator dump lines (SEP01-FL, SEP02-FL, SEP01-DL, & SEP02-DL), and submitted for analysis of Table 915-1 Organic Compounds in Soil and TPH (C6-C36). Soil samples SEP01-FL, SEP02-FL, SEP01-DL, & SEP02-DL were submitted for additional laboratory analysis of pH, EC, SAR, & boron. Additionally, field screened grab soil samples were collected below the emission control devices (ECDs) and meter-house (MH). Analytical results indicated that soil samples were in compliance with the applicable standards, except for the previously mentioned reportable releases in soil samples AST02 & AST03.

SITE INVESTIGATION REPORT

SAMPLE SUMMARY

Soil

Number of soil samples collected 13

Number of soil samples exceeding 915-1 0

Was the areal and vertical extent of soil contamination delineated? Yes

Approximate areal extent (square feet) 5400

NA / ND

NA Highest concentration of TPH (mg/kg) _____

NA Highest concentration of SAR _____

BTEX > 915-1 No

Vertical Extent > 915-1 (in feet) 6

Groundwater

Number of groundwater samples collected 8

Was extent of groundwater contaminated delineated? Yes

Depth to groundwater (below ground surface, in feet) 3

Number of groundwater monitoring wells installed 8

Number of groundwater samples exceeding 915-1 0

ND Highest concentration of Benzene (µg/l) _____

ND Highest concentration of Toluene (µg/l) _____

ND Highest concentration of Ethylbenzene (µg/l) _____

ND Highest concentration of Xylene (µg/l) _____

NA Highest concentration of Methane (mg/l) _____

Surface Water

0 Number of surface water samples collected

0 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 October 30, 2023, two background soil samples (BKG01 @ 2.5' and BKG01 @ 4') were collected from native material topographically up-gradient of the tank battery location and submitted for laboratory analysis of ECMC Table 915-1 Metals and SAR.

In addition, on January 11, 2024, two background soil boring (BKG01 & BKG02) were advanced within native material topographically up-gradient of the tank battery location with soil samples being collected from each soil boring at approximately 2.5 feet, 4 feet, 6 feet, and 7 feet bgs. Background soil samples were submitted for laboratory analysis of pH.

Fifteen (15) additional background soil samples were collected from five discrete soil borings (BKG04 - BKG08) and submitted for analysis of ECMC Table 915-1 metals, pH, EC, SAR, and Boron. Analytical results for the background samples collected on November 18, 2024 are currently pending.

Was investigation derived waste (IDW) generated as part of this investigation?

Volume of solid waste (cubic yards) 2727

Volume of liquid waste (barrels) 4930

Is further site investigation required?

On June 3, 2024, 11 monitoring wells (BH01 – BH11) were installed to delineate dissolved-phase hydrocarbon impacts within and surrounding the former excavation extent. Lithologic descriptions and VOC concentrations measured using a PID were recorded for each monitoring well. Per the approved Supplemental Form 27 (Document No. 403711161), 22 soil samples were collected at depths ranging from 5-6 feet to 11-12 feet bgs and were submitted to Summit for analysis of BTEX, naphthalene, 1,2,4-TMB, 1,3,5-TMB, TPH [C6-C36], benz(a)anthracene, 1-M, 2-M, and table 915 metals.

Based on analytical results, further site investigation activities were conducted on November 21, 2024 to vertically and horizontally delineate cadmium, nickel, and selenium exceedances observed in soil boring BH04@11-12' and to continue to assess cadmium, nickel, and selenium concentrations in native soil on site. Thirteen soil samples were collected and submitted for laboratory analysis of the full ECMC Table 915-1 constituents. Analytical results from the site investigation are currently pending, and will be detailed in a subsequent Form 27. Following receipt of the analytical data, additional site investigation activities may be conducted. The soil boring locations are included on Figure 4.

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.

Between October 31, 2023 & March 11, 2024, approximately 2,727 cubic yards (CY) of impacted material were removed from the Ikenouye F29-22, 23 Tank Battery and transported to the North Weld Waste Management landfill for disposal under PDC waste manifests. Additionally, groundwater vacuum recovery was conducted concurrent with excavation activities and approximately 4,930 barrels (BBLs) of groundwater were removed from the Ikenouye F29-22, 23 Tank Battery excavation and transported to NGL C3 for disposal under PDC waste manifests.

Between October 30 & November 10, 2023, three historic releases were discovered following discovery of impacts in contact with groundwater and receipt of final analytical results from soil samples collected during decommissioning activities at the Ikenouye F29-22,23 tank battery, respectively. Soil sample (WC01) was collected at approximately 4 feet bgs and was submitted for laboratory analysis of the full Table 915-1 analytical suite. Soil samples AST02 & AST03 were collected at approximately 0-6 inches bgs below the central and southern above ground storage tanks, respectively, and submitted for Table 915-1 Organic Compounds in Soil and TPH (C6-C36). Analytical results indicated that organic compound concentrations were in exceedance of the applicable standards in the following:

WC01 @ 4': benzene, ethylbenzene, xylene, 1,2,4-TMB, 1,3,5-TMB, naphthalene, TPH (C6-C36), 1-M, & 2-M.
 AST02 @ 0-6": 1-M
 AST03 @ 0-6": 1,3,5-TMB

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.

Between October 31, 2023 & March 11, 2024, excavation activities were conducted and seventy-seven (77) soil samples (SS01-SS20, SS22, SS23, SS25-SS43, SS45, SS46, & SS48-SS81) were collected from the base and sidewalls of the final excavation extent at depths ranging between 6 inches and 7 feet bgs and were submitted for laboratory analysis of the previously mentioned COCs. Based off of potential comingling of spills, soil samples SS31-SS43, SS45, SS46, & SS48-SS81 were submitted for additional analysis of the Table 915-1 PAH suite, to mitigate hydrocarbon impacts. Analytical results indicated benzanthracene exceedances were observed in soil samples SS31, SS34, SS41, SS45, SS53, SS63, SS66, SS70, & SS74. Soil samples SS21, SS24, SS44, & SS47 were collected at 2.5 feet bgs and submitted for laboratory analysis of pH, EC, SAR, & boron. Analytical results indicated that constituent concentrations were below the ECMC Table 915-1 standards or applicable background concentrations in all samples collected from the final excavation extent.

Based on the homogeneity of site-wide soil composition from 2 feet to 12 feet bgs, site metals concentrations observed in soil samples BH01 through BH11 were compared to the metals concentrations observed in background soil samples BKG01@2.5' and BKG01@4'. Based on the results, all metals concentrations are below the highest background concentration recorded on site, aside from the cadmium, nickel, and selenium concentrations recorded in soil sample BH04@11-12'. Additional site assessment activities may be conducted following receipt of the analytical results from the November 21, 2024 sampling event.

Monitored natural attenuation (MNA) was the selected remediation strategy for this location during the third quarter 2024 and will remain the selected remediation strategy through the first quarter 2025.

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) <u>2727</u>
_____ 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.

MNA was the selected remediation strategy for this location during the third quarter 2024 and will remain the selected remediation strategy through the first quarter 2025.

PDC will conduct quarterly groundwater monitoring at the 11 site monitoring wells (BH01 - BH11) until closure criteria are met. Groundwater samples will be submitted for laboratory analysis of BTEX, naphthalene, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene by EPA Method 8260, chloride and sulfate anions by EPA Method 300.0, and total dissolved solids (TDS) by Method SM 2540C in accordance with Table 915-1.

Fourth quarter 2024 analytical results indicated that organic compound concentrations were in compliance with the applicable ECMC Table 915-1 regulatory standards in all 11 monitoring well locations. Additionally, inorganic parameter concentrations were in compliance with the applicable regulatory standards or within 1.25x the background concentrations of the up-/cross-gradient monitoring wells (BH06 – BH08) in all 11 monitoring well locations.

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 Sampling Summary, 4Q2024 Groundwater Monitoring Report

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.

Financial assurance information was included in the March 2024 Supplemental Form 27 (Document No. 403711161). This section and estimate will be updated on an annual basis until closure criteria are achieved.

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 2727

E&P waste (solid) description Hydrocarbon Impacted Soils

ECMC Disposal Facility ID #, if applicable: _____

Non-ECMC Disposal Facility: North Weld Waste Management Facility

Volume of E&P Waste (liquid) in barrels 4930

E&P waste (liquid) description Hydrocarbon Impacted Groundwater

ECMC Disposal Facility ID #, if applicable: _____

Non-ECMC Disposal Facility: NGL C3

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.

Following tank battery decommissioning & source mass removal activities, the location was backfilled, compacted, and re-contoured to match pre-existing conditions. The location will be reclaimed in accordance with the ECMC 1000 series.

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. 10/30/2023

Proposed date of completion of Reclamation. 12/31/2025

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. 07/05/2023

Actual Spill or Release date, or date of discovery. 10/31/2023

SITE INVESTIGATION DATES

Date of Initial Actions described in Site Investigation Plan (start date). 08/18/2023

Proposed site investigation commencement. 05/16/2024

Proposed completion of site investigation. 11/21/2024

REMEDIAL ACTION DATES

Proposed start date of Remediation. 10/30/2023

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:

The implementation schedule has been updated to reflect the completion of the November 21, 2024 supplemental site investigation.

OPERATOR COMMENT

This Supplemental Form 27 is being submitted to summarize quarterly groundwater monitoring activities, supplemental site investigation activities, and analytical results collected during the second and third quarter 2024 at the Ikenouye F29-22, 23 tank battery location.

Fourth quarter 2024 groundwater analytical results indicated that organic compound concentrations were in compliance with the applicable ECMC Table 915-1 regulatory standards in all 11 monitoring well locations. Additionally, inorganic parameter concentrations were in compliance with the applicable regulatory standards or within 1.25x the background concentrations of the up-/cross-gradient monitoring wells (BH06 – BH08) in all 11 monitoring well locations.

Site investigation activities were conducted on November 21, 2024 to vertically and horizontally delineate cadmium, nickel, and selenium exceedances observed in soil boring BH04@11-12' and to continue to assess cadmium, nickel, and selenium concentrations in native soil on site. Thirteen soil samples were collected and submitted for laboratory analysis of the full ECMC Table 915-1 constituents. Analytical results from the site investigation are currently pending, and will be detailed in a subsequent Form 27. Following receipt of the analytical data, additional site investigation activities may be conducted. The soil boring locations are included on Figure 4.

Quarterly reporting will be conducted until closure criteria are achieved for the remediation project. The results of the supplemental site investigation 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: Jake Whritenour

Title: Environmental Consultant

Submit Date: _____

Email: tas-chevron-4@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: 31424

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
404017353	ANALYTICAL RESULTS
404023481	MONITORING REPORT

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)