

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural  
Resources Department

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	


## Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

**Closure Report Attachment Checklist:** *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Robert Dunaway Title: Senior Environmental Engineer  
Signature:  Date: 3/28/22  
email: rhodunaway@eprod.com Telephone: 575-628-6802

Incident ID	
District RP	
Facility ID	
Application ID	

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Jennifer Nobui Date: 04/18/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A



Souder, Miller & Associates ♦ 201 S. Halagueno St. ♦ Carlsbad, NM 88220  
(575) 689-8801

March 28, 2022

#5E29921-BG13

NMOCD District 2  
811 S. First St.  
Artesia, New Mexico 888210

SUBJECT: Remediation Closure Report for the Trunk C (NAPP2119636692), Eddy County, New Mexico

## **1.0 Executive Summary**

On behalf of Enterprise Field Services LLC (Enterprise), Souder, Miller & Associates (SMA) has prepared this Remediation Closure Report that describes the remediation of a release of natural gas and condensate at the Trunk C site. The site is in Unit L, Section 05, Township 25S, Range 30E, Eddy County, New Mexico, on Federal (BLM) land. Figure 1 illustrates the vicinity and site location on an USGS 7.5-minute quadrangle map.

This report demonstrates that the site has been remediated to meet the standards of Table I of 19.15.29.12 NMAC. In addition to meeting the Closure Criteria, the top four (4) feet of impacted areas meet the reclamation requirement of 19.15.29.13(D)(1) NMAC. The information provided in this report is intended to fulfill final NMOCD closure requirements.

The gas portion of this release constitutes venting that occurred during an emergency or malfunction, as authorized by NMOCD regulations at NMAC 19.15.28.8(A) and 19.15.28.8(B)(1). This release, therefore, is not prohibited by NMAC 19.15.29.8(A).

**SMA recommends no further actions and requests that the release associated with the Trunk C (NAPP2119636692) be closed.**

Table 1 summarizes release information and Closure Criteria.

<b>Table 1: Release Information and Closure Criteria</b>			
Name	Trunk C	Company	Enterprise Field Services LLC
API Number	N/A	Location	32.165075 -103.895084
Tracking Number	NAPP2119636692		
Estimated Date of Release	July 11, 2021	Date Reported to NMOCD	July 15, 2021
Land Owner	Federal (BLM)	Reported To	NMOCD District 2
Source of Release	Gathering Pipeline		
Released Volume	338 Mcf 1.0 bbls	Released Material	Natural Gas Condensate
Recovered Volume	0 Mcf 0 bbls	Net Release	338 Mcf 1.0 bbls
NMOCD Closure Criteria	<50 feet to groundwater		
SMA Response Dates	August 24, 2021, February 18, 2022		

## **2.0 Background**

On July 11, 2021, a release was discovered at the Trunk C site due to an undetermined cause. Initial response activities conducted by Enterprise included source elimination, site security containment and site stabilization activities. Figure 1 illustrates the vicinity and site location, Figure 2 illustrates the release location. The C-141 form is included in Appendix A.

## **3.0 Site Information and Closure Criteria**

The Trunk C is a buried pipeline carrying natural gas and pipeline fluids located approximately 14 miles southeast of Loving, New Mexico on Federal (BLM) land at an elevation of approximately 3,264 feet above mean sea level (amsl).

### **Depth to Groundwater**

Based upon New Mexico Office of the State Engineer (NMOSE) water well data (Appendix B), depth to groundwater in the area is undetermined.

### **Wellhead Protection Area**

There are no known water source within ½-mile of the location, according to NMOSE and USGS online water well databases.

### **Distance to Nearest Significant Watercourse**

The nearest significant watercourse is a tributary to the ephemeral wash of Cedar Canyon, located approximately 230 feet south of the location.

Table 2 demonstrates the Closure Criteria applicable to this location. Figure 2 illustrates the site with 200 and 300-foot radii to indicate that it does not lie within a sensitive area as described in 19.15.29.12.C(4) NMAC.

Based on the information presented herein, the applicable NMOCD Closure Criteria for this site is for a groundwater depth of less than 50 feet bgs.

## **4.0 Release Characterization and Remediation Activities**

On August 24, 2021, following excavation activities to expose the line to conduct repairs, SMA collected confirmation samples from the walls and base of the excavation.

Confirmation samples were comprised of five-point composites of the walls (SC-1 through SC-4) and base (SC-5). A background (BG-1) and a stockpile (SP-1) sample were also collected.

A total of seven (7) confirmation samples and a background sample were collected for laboratory analysis for total chloride using EPA Method 300.0; benzene, toluene, ethylbenzene and total xylenes (BTEX) using EPA Method 8021B; and motor, diesel and gasoline range organics (MRO, DRO, and GRO) by EPA Method 8015D. Laboratory samples were collected in accordance with the sampling protocol included in Appendix C. Samples were placed into laboratory supplied glassware, labeled, and maintained on ice until delivery to Hall Environmental Analysis Laboratory in Albuquerque, New Mexico.

Figure 3 shows the extent of the final excavation and closure sample locations. Laboratory results are summarized in Table 3. Laboratory reports are included in Appendix D.

At the request of NMOCD, SMA returned to site on February 18, 2022, to complete four (4) soil borings within the excavation to sample backfill material. For each boring, a sample was collected at surface, two (2) feet, and four (4) feet bgs. A total of twelve (12) samples were collected for laboratory analysis for total chloride using EPA

Trunk C Remediation Closure Report  
March 28, 2022

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Method 300.0; benzene, toluene, ethylbenzene and total xylenes (BTEX) using EPA Method 8021B; and motor, diesel and gasoline range organics (MRO, DRO, and GRO) by EPA Method 8015D. Laboratory samples were collected in accordance with the sampling protocol included in Appendix C. Samples were placed into laboratory supplied glassware, labeled, and maintained on ice until delivery to Envirotech Analytical Laboratory, Farmington, New Mexico.

Laboratory results are summarized in Table 3. Laboratory reports are included in Appendix D.

## **5.0 Site Recommendations**

As demonstrated in Table 3, all closure samples meet the Closure Criteria with the background chloride concentration noted above. The site has been remediated to meet the standards of Table I of 19.15.29.12 NMAC.

The excavation was backfilled with the onsite stockpiled soils confirmed through laboratory analysis to meet the reclamation requirements per 19.15.29.13(D)(1) NMAC. The area was recontoured to match surrounding topography.

SMA recommends no further action and requests closure of Incident Number NAPP2119636692.

## **6.0 Scope and Limitations**

The scope of our services included: assessment sampling; verifying release stabilization; regulatory liaison; remediation; and preparing this report. All work has been performed in accordance with generally accepted professional environmental consulting practices for oil and gas releases in the Permian Basin in New Mexico.

If there are any questions regarding this report, please contact either Ashley Maxwell at 505-320-8975 or Heather Woods at 505-325-7535.

Submitted by:  
SOUDER, MILLER & ASSOCIATES



Ashley Maxwell  
Project Scientist

Reviewed by:



Heather M. Woods, P.G.  
Project Geoscientist

Trunk C Remediation Closure Report  
March 28, 2022

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**REFERENCES:**

New Mexico Office of the State Engineer (NMOSE) online water well database  
[https://gis.ose.state.nm.us/gisapps/ose\\_pod\\_locations/](https://gis.ose.state.nm.us/gisapps/ose_pod_locations/); accessed 8/24/2021

**ATTACHMENTS:**

**Figures:**

Figure 1: Vicinity and Well Head Protection Map

Figure 2: Surface Water Radius Map

Figure 3: Site and Sample Location Map

**Tables:**

Table 2: NMOCD Closure Criteria Justification

Table 3: Summary of Sample Results

**Appendices:**

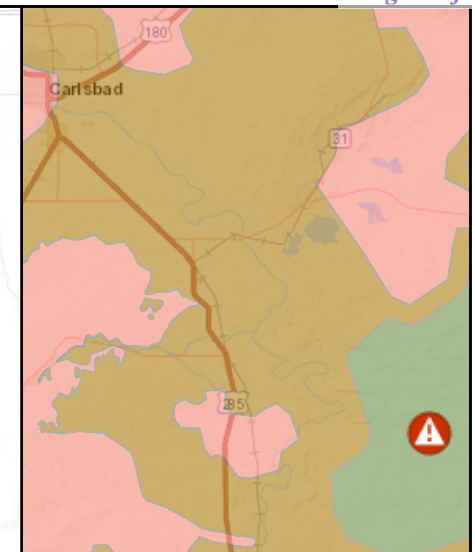
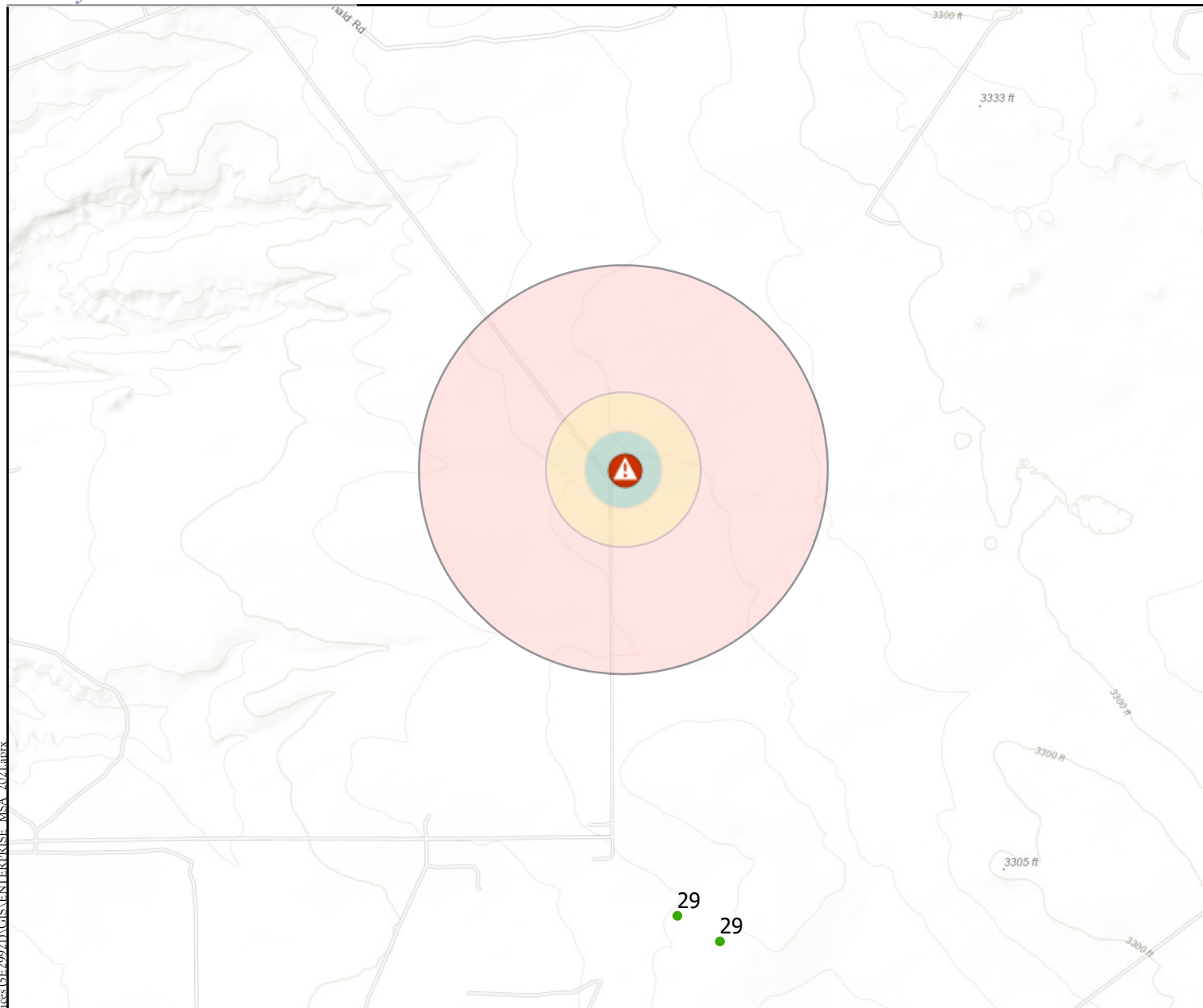
Appendix A: Form C141

Appendix B: Water Well Data

Appendix C: Field Notes and Site Photos

Appendix D: Laboratory Analytical Reports

# FIGURES

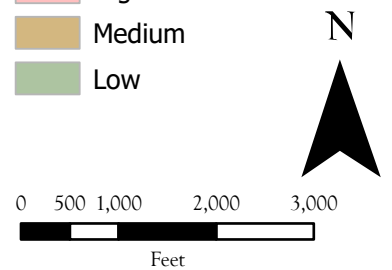


- Point of Release
- OSE Depth to GW
- USGS GW Well

- .5 Mile
- 1000 Feet
- 500 Feet

### Karst Potential

- Critical
- High
- Medium
- Low



Site Map  
Trunk C - Enterprise Field Services, LLC  
32.165075, -103.895084, Eddy County, New Mexico

Figure 1

#### Revisions

By: _____	Date: _____	Descr: _____
By: _____	Date: _____	Descr: _____

Drawn  
Date  
Checked  
Approved

PR Smith  
7/26/2021  
\_\_\_\_\_  
\_\_\_\_\_

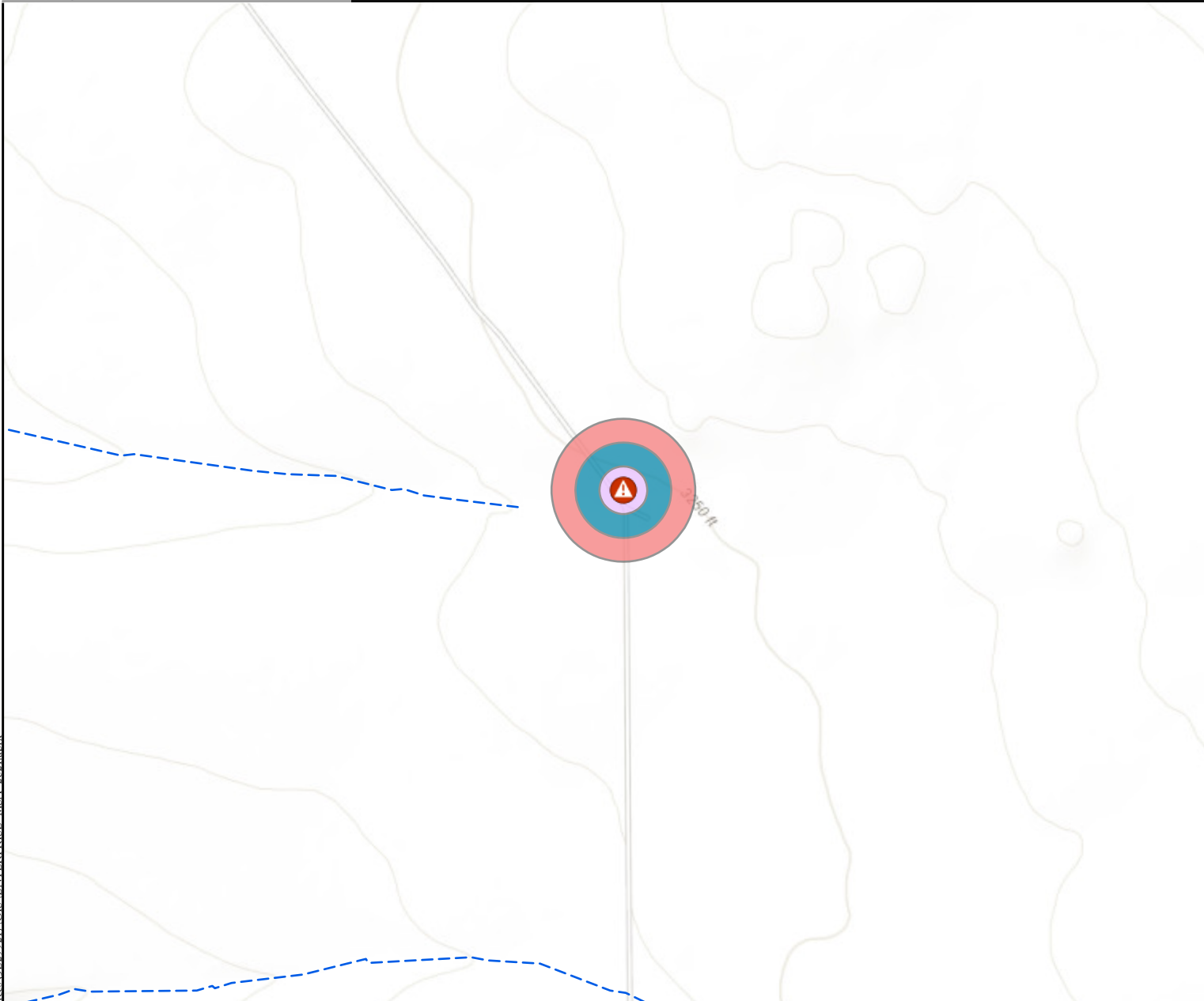









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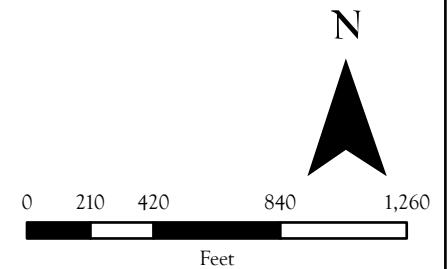
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P:\5 Enterprise 2021 MSA on Call Services (5E20921)\GIS\ENTERPRISE MSA 2021.aprx  
Date Saved: 7/14/2021





-  Point of Release
-  100 Feet
-  200 Feet
-  300 Feet
-  Streams & Canals
-  Flowlines SENM
-  Lakes & Playas



Surface Water Protection Map  
 Trunk C - Enterprise Field Services, LLC  
 32.165075, -103.895084, Eddy County, New Mexico

Figure 2

Revisions

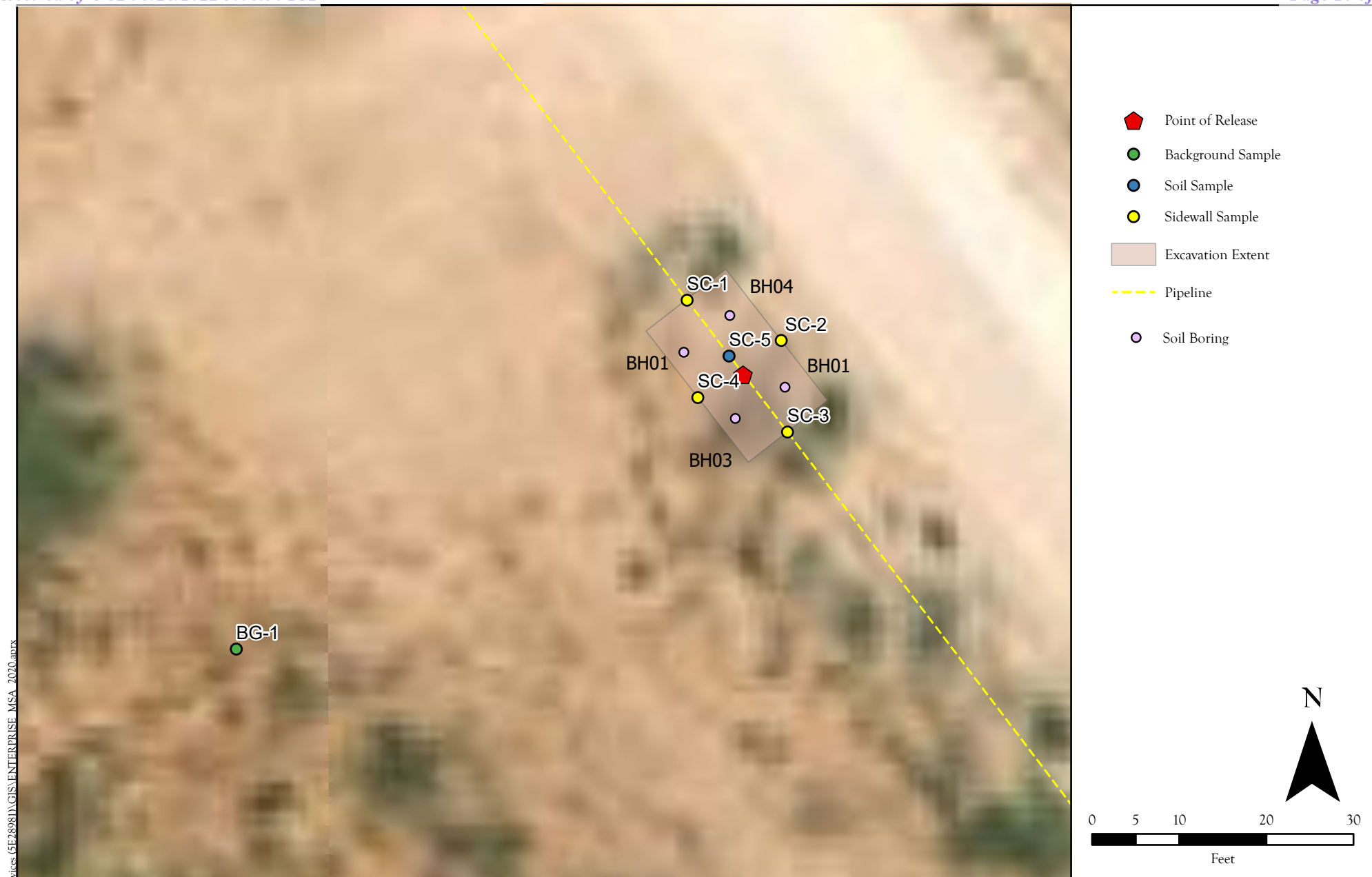
By: _____	Date: _____	Descr: _____
By: _____	Date: _____	Descr: _____

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Drawn	PR Smith
Date	8/2/2021
Checked	_____
Approved	_____



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Site and Sample Location Map  
 Trunk C - Enterprise Field Services, LLC  
 32.165075, -103.895084, Eddy County, New Mexico

Figure 3

## Revisions

By: \_\_\_\_\_ Date: \_\_\_\_\_ Descr: \_\_\_\_\_  
 By: \_\_\_\_\_ Date: \_\_\_\_\_ Descr: \_\_\_\_\_

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Drawn  
 Date  
 Checked  
 Approved

Ashley Maxwell  
 3/28/2022  
 \_\_\_\_\_  
 \_\_\_\_\_



201 South Halaguena Street  
 Carlsbad, New Mexico 88221  
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# TABLES

Table 2:  
NMOCD Closure CriteriaEnterprise Field Services, LLC  
Trunk C Pipeline (NAPP2119636692)

Site Information (19.15.29.11.A(2, 3, and 4) NMAC)		Source/Notes
Depth to Groundwater (feet bgs)	0-50	NMOSE Water Well Data
Horizontal Distance From All Water Sources Within 1/2 Mile (ft)		NMOSE Water Well Data
Horizontal Distance to Nearest Significant Watercourse (ft)	230'	USGS 7.5 quadrangle map

Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC)						
Depth to Groundwater		Closure Criteria (units in mg/kg)				
		Chloride *numerical limit or background, whichever is greater	TPH	GRO + DRO	BTEX	Benzene
< 50' BGS	X	600	100		50	10
51' to 100'		10000	2500	1000	50	10
>100'		20000	2500	1000	50	10
Surface Water	yes or no	if yes, then				
<300' from continuously flowing watercourse or other significant watercourse?	Yes	600	100		50	10
<200' from lakebed, sinkhole or playa lake?	No					
Water Well or Water Source						
<500 feet from spring or a private, domestic fresh water well used by less than 5 households for domestic or stock watering purposes?	No					
<1000' from fresh water well or spring?	No					
Human and Other Areas						
<300' from an occupied permanent residence, school, hospital, institution or church?	No					
within incorporated municipal boundaries or within a defined municipal fresh water well field?	No					
<100' from wetland?	No					
within area overlying a subsurface mine	No					
within an unstable area?	No					
within a 100-year floodplain?	No					



Table 3:  
Sample ResultsEnterprise Field Services, LLC  
Trunk C Pipeline (NAPP2119636692)

Sample ID	Sample Date	Depth of Sample (feet bgs)	Method 8021B		Method 8015D				Method 300.0
			BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl-
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
NMOCD Closure Criteria			50	10				100	600
BG-1	8/24/2021	0.5	--	--	--	--	--	--	<61
SC-1	8/24/2021	1 -4	<0.216	<0.024	<4.8	<8.8	<44	<57.6	<60
SC-2	8/24/2021	1 - 4	<0.224	<0.025	<5.0	<9.6	<48	<62.6	<b>82</b>
SC-3	8/24/2021	1 - 4	<0.220	<0.024	<4.9	<9.9	<50	<64.8	<b>70</b>
SC-4	8/24/2021	1 - 4	<0.222	<0.025	<4.9	<9.6	<48	<62.5	<60
SC-5	8/24/2021	4	<0.215	<0.024	<4.8	<9.5	<48	<62.3	<60
SP-1	8/24/2021	--	<0.220	<0.024	<b>4.9</b>	<9.4	<47	<b>4.9</b>	<b>390</b>

"--" = Not Analyzed

BG: Background sample

Soil Borings										
Sample ID	Sample Date	Action Taken	Depth of Sample (feet bgs)	Method 8021B		Method 8015D				Method 300.0
				BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl-
				mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
NMOCD Closure Criteria				50	10				100	600
BH1	2/18/2022	In situ	surface	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	202
		In situ	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	184
		In situ	4	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	680
BH2		In situ	surface	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	302
		In situ	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	248
		In situ	4	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	577
BH3		In situ	surface	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	368
		In situ	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	34.1
		In situ	4	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	<20.0
BH4		In situ	surface	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	515
		In situ	2	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	47.3
		In situ	4	<0.100	<0.0250	<20.0	<25.0	<50.0	<95.0	22.2



# APPENDIX A

## FORM C141

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural  
Resources Department  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

Incident ID	NAPP2119636692
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party	Enterprise Field Services LLC	OGRID	241602
Contact Name	Robert Dunaway	Contact Telephone	575-628-6802
Contact email	rhunaway@eprod.com	Incident # (assigned by OCD)	nAPP2119636692
Contact mailing address	PO Box 4324, Houston, TX 77210		

### Location of Release Source

Latitude 32.165075 Longitude -103.895084  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Trunk C	Site Type	Gathering Pipeline
Date Release Discovered	June 11, 2021	API# (if applicable)	

Unit Letter	Section	Township	Range	County
L	05	25S	30E	Eddy

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input checked="" type="checkbox"/> Condensate	Volume Released (bbls) 1.0	Volume Recovered (bbls) - 0
<input checked="" type="checkbox"/> Natural Gas	Volume Released (Mcf) 338	Volume Recovered (Mcf) - 0
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

#### Cause of Release

Found a leak on a gathering pipeline, cause is to be determined.

Form C-141

State of New Mexico

Page 2

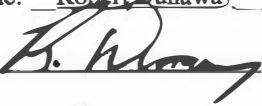
Oil Conservation Division

Incident ID	NAPP2119636692
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?          
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?          	

### Initial Response

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:          	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Robert Dunaway</u>	Title: <u>Senior Environmental Engineer</u>
Signature: <u></u>	Date: <u>7/15/21</u>
email: <u>rhunaway@eprod.com</u>	Telephone: <u>575-628-6802</u>
<b><u>OCD Only</u></b>	
Received by: <u>Ramona Marcus</u>	Date: <u>7/16/2021</u>



# APPENDIX B

## WATER WELL DATA



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
<a href="#">C 04474 POD1</a>	CUB	ED	1	1	1	34	24S	30E	605830	3561045		2424			
<a href="#">C 01379</a>	C	ED	4	4	3	10	25S	30E	606571	3556355*		3768	400		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 2

### UTMNAD83 Radius Search (in meters):

**Easting (X):** 604180.624

**Northing (Y):** 3559268

**Radius:** 4000

\*UTM location was derived from PLSS - see Help

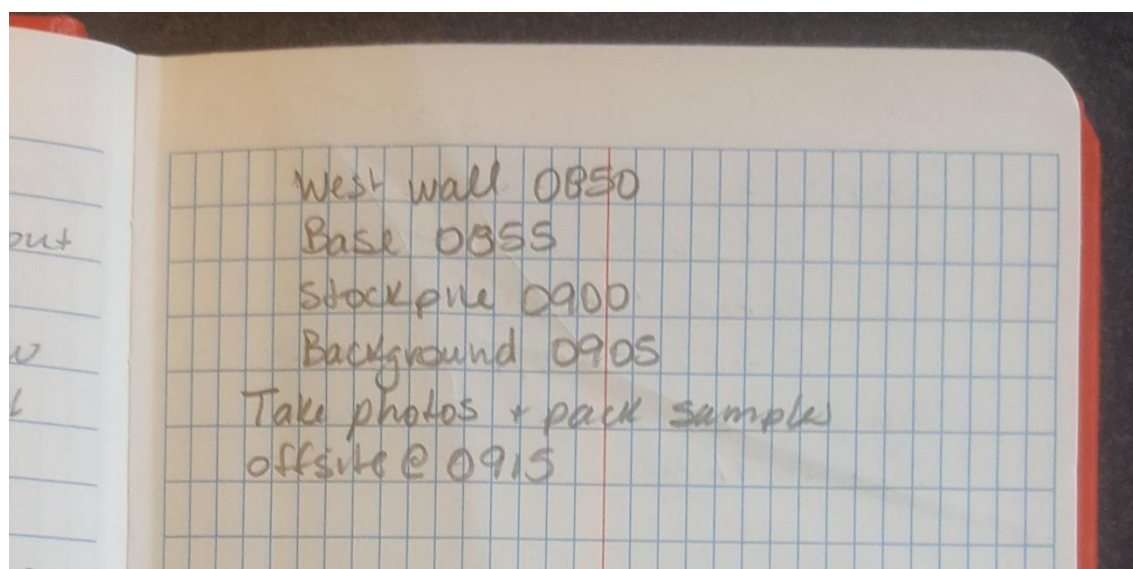
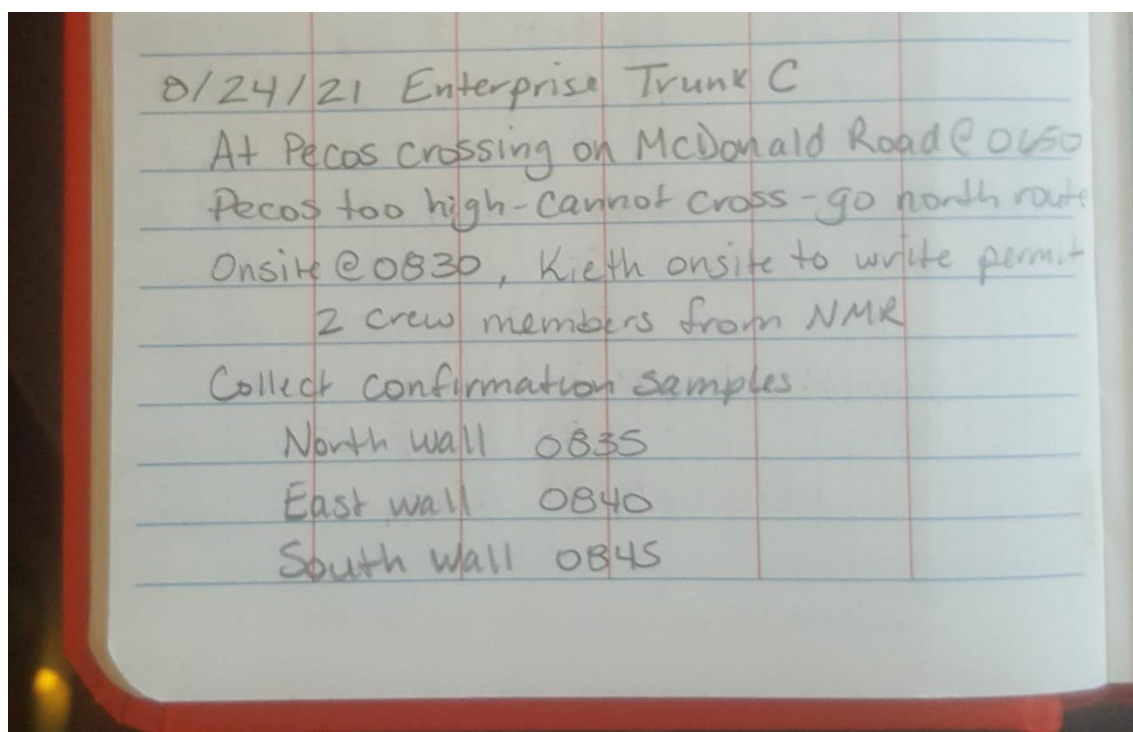
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

8/24/21 2:28 PM

Page 1 of 1

WATER COLUMN/ AVERAGE  
DEPTH TO WATER

# APPENDIX C FIELD NOTES & SITE PHOTOS





Enterprise Field Services, LLC  
Trunk C Pipeline (NAPP2119636692)





Enterprise Field Services, LLC  
Trunk C Pipeline (NAPP2119636692)



# APPENDIX D

## LABORATORY ANALYTICAL REPORTS



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [clients.hallenvironmental.com](http://clients.hallenvironmental.com)

September 02, 2021

Ashley Maxwell  
Souder, Miller and Associates  
401 W. Broadway  
Farmington, NM 87401  
TEL: (505) 325-5667  
FAX (505) 327-1496

RE: Enterprise Trunk C

OrderNo.: 2108F63

Dear Ashley Maxwell:

Hall Environmental Analysis Laboratory received 6 sample(s) on 8/27/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109



## Analytical Report

Lab Order 2108F63

Date Reported: 9/2/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller and Associates

Client Sample ID: SC-1

Project: Enterprise Trunk C

Collection Date: 8/24/2021 8:35:00 AM

Lab ID: 2108F63-001

Matrix: SOIL

Received Date: 8/27/2021 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	9/1/2021 4:44:03 PM	62330
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	8.8		mg/Kg	1	8/31/2021 2:54:52 PM	62254
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	8/31/2021 2:54:52 PM	62254
Surr: DNOP	117	70-130		%Rec	1	8/31/2021 2:54:52 PM	62254
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/31/2021 11:53:00 AM	62251
Surr: BFB	92.5	70-130		%Rec	1	8/31/2021 11:53:00 AM	62251
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.024		mg/Kg	1	8/31/2021 11:53:00 AM	62251
Toluene	ND	0.048		mg/Kg	1	8/31/2021 11:53:00 AM	62251
Ethylbenzene	ND	0.048		mg/Kg	1	8/31/2021 11:53:00 AM	62251
Xylenes, Total	ND	0.096		mg/Kg	1	8/31/2021 11:53:00 AM	62251
Surr: 4-Bromofluorobenzene	81.4	70-130		%Rec	1	8/31/2021 11:53:00 AM	62251

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2108F63

Date Reported: 9/2/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller and Associates

Client Sample ID: SC-2

Project: Enterprise Trunk C

Collection Date: 8/24/2021 8:40:00 AM

Lab ID: 2108F63-002

Matrix: SOIL

Received Date: 8/27/2021 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	82	60		mg/Kg	20	9/1/2021 4:56:27 PM	62330
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	8/30/2021 1:31:55 PM	62254
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/30/2021 1:31:55 PM	62254
Surr: DNOP	95.0	70-130		%Rec	1	8/30/2021 1:31:55 PM	62254
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/31/2021 12:53:00 PM	62251
Surr: BFB	87.6	70-130		%Rec	1	8/31/2021 12:53:00 PM	62251
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.025		mg/Kg	1	8/31/2021 12:53:00 PM	62251
Toluene	ND	0.050		mg/Kg	1	8/31/2021 12:53:00 PM	62251
Ethylbenzene	ND	0.050		mg/Kg	1	8/31/2021 12:53:00 PM	62251
Xylenes, Total	ND	0.099		mg/Kg	1	8/31/2021 12:53:00 PM	62251
Surr: 4-Bromofluorobenzene	80.5	70-130		%Rec	1	8/31/2021 12:53:00 PM	62251

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2108F63

Date Reported: 9/2/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller and Associates

Client Sample ID: SC-3

Project: Enterprise Trunk C

Collection Date: 8/24/2021 8:45:00 AM

Lab ID: 2108F63-003

Matrix: SOIL

Received Date: 8/27/2021 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	70	60		mg/Kg	20	9/1/2021 5:08:51 PM	62330
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/30/2021 1:56:09 PM	62254
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/30/2021 1:56:09 PM	62254
Surr: DNOP	90.9	70-130		%Rec	1	8/30/2021 1:56:09 PM	62254
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/31/2021 1:13:00 PM	62251
Surr: BFB	92.6	70-130		%Rec	1	8/31/2021 1:13:00 PM	62251
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.024		mg/Kg	1	8/31/2021 1:13:00 PM	62251
Toluene	ND	0.049		mg/Kg	1	8/31/2021 1:13:00 PM	62251
Ethylbenzene	ND	0.049		mg/Kg	1	8/31/2021 1:13:00 PM	62251
Xylenes, Total	ND	0.098		mg/Kg	1	8/31/2021 1:13:00 PM	62251
Surr: 4-Bromofluorobenzene	81.1	70-130		%Rec	1	8/31/2021 1:13:00 PM	62251

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2108F63

Date Reported: 9/2/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller and Associates

Client Sample ID: SC-4

Project: Enterprise Trunk C

Collection Date: 8/24/2021 8:50:00 AM

Lab ID: 2108F63-004

Matrix: SOIL

Received Date: 8/27/2021 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	9/1/2021 5:21:16 PM	62330
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	8/30/2021 2:20:37 PM	62254
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/30/2021 2:20:37 PM	62254
Surr: DNOP	109	70-130		%Rec	1	8/30/2021 2:20:37 PM	62254
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/31/2021 1:33:00 PM	62251
Surr: BFB	90.1	70-130		%Rec	1	8/31/2021 1:33:00 PM	62251
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.025		mg/Kg	1	8/31/2021 1:33:00 PM	62251
Toluene	ND	0.049		mg/Kg	1	8/31/2021 1:33:00 PM	62251
Ethylbenzene	ND	0.049		mg/Kg	1	8/31/2021 1:33:00 PM	62251
Xylenes, Total	ND	0.099		mg/Kg	1	8/31/2021 1:33:00 PM	62251
Surr: 4-Bromofluorobenzene	80.0	70-130		%Rec	1	8/31/2021 1:33:00 PM	62251

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2108F63

Date Reported: 9/2/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller and Associates

Client Sample ID: SC-5

Project: Enterprise Trunk C

Collection Date: 8/24/2021 8:55:00 AM

Lab ID: 2108F63-005

Matrix: SOIL

Received Date: 8/27/2021 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	9/1/2021 5:33:40 PM	62330
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	8/30/2021 2:44:55 PM	62254
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/30/2021 2:44:55 PM	62254
Surr: DNOP	107	70-130		%Rec	1	8/30/2021 2:44:55 PM	62254
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/31/2021 1:53:00 PM	62251
Surr: BFB	93.4	70-130		%Rec	1	8/31/2021 1:53:00 PM	62251
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.024		mg/Kg	1	8/31/2021 1:53:00 PM	62251
Toluene	ND	0.048		mg/Kg	1	8/31/2021 1:53:00 PM	62251
Ethylbenzene	ND	0.048		mg/Kg	1	8/31/2021 1:53:00 PM	62251
Xylenes, Total	ND	0.095		mg/Kg	1	8/31/2021 1:53:00 PM	62251
Surr: 4-Bromofluorobenzene	82.4	70-130		%Rec	1	8/31/2021 1:53:00 PM	62251

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2108F63

Date Reported: 9/2/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller and Associates

Client Sample ID: BG-1

Project: Enterprise Trunk C

Collection Date: 8/24/2021 9:05:00 AM

Lab ID: 2108F63-006

Matrix: SOIL

Received Date: 8/27/2021 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	61		mg/Kg	20	9/1/2021 6:10:53 PM	62330

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2108F63

02-Sep-21

**Client:** Souder, Miller and Associates**Project:** Enterprise Trunk C

Sample ID: <b>LCS-62254</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>62254</b>	RunNo: <b>80908</b>								
Prep Date: <b>8/28/2021</b>	Analysis Date: <b>8/30/2021</b>	SeqNo: <b>2855930</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	97.2	68.9	141			
Surr: DNOP	4.8		5.000		95.9	70	130			

Sample ID: <b>MB-62254</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>62254</b>	RunNo: <b>80908</b>								
Prep Date: <b>8/28/2021</b>	Analysis Date: <b>8/30/2021</b>	SeqNo: <b>2855931</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.8		10.00		98.0	70	130			

Sample ID: <b>LCS-62277</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>62277</b>	RunNo: <b>80945</b>								
Prep Date: <b>8/30/2021</b>	Analysis Date: <b>8/31/2021</b>	SeqNo: <b>2857252</b> Units: <b>%Rec</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.8		5.000		95.1	70	130			

Sample ID: <b>MB-62277</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>62277</b>	RunNo: <b>80945</b>								
Prep Date: <b>8/30/2021</b>	Analysis Date: <b>8/31/2021</b>	SeqNo: <b>2857253</b> Units: <b>%Rec</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	11		10.00		107	70	130			

Sample ID: <b>MB-62277</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>62277</b>	RunNo: <b>80946</b>								
Prep Date: <b>8/30/2021</b>	Analysis Date: <b>8/31/2021</b>	SeqNo: <b>2857452</b> Units: <b>%Rec</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	10		10.00		104	70	130			

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2108F63

02-Sep-21

**Client:** Souder, Miller and Associates**Project:** Enterprise Trunk C

Sample ID: <b>mb-62251</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>62251</b>	RunNo: <b>80942</b>								
Prep Date: <b>8/27/2021</b>	Analysis Date: <b>8/31/2021</b>	SeqNo: <b>2856921</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	940		1000		93.8	70	130			

Sample ID: <b>lcs-62251</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>62251</b>	RunNo: <b>80942</b>								
Prep Date: <b>8/27/2021</b>	Analysis Date: <b>8/31/2021</b>	SeqNo: <b>2856923</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	105	78.6	131			
Surr: BFB	1100		1000		106	70	130			

Sample ID: <b>mb-62288</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>62288</b>	RunNo: <b>80979</b>								
Prep Date: <b>8/30/2021</b>	Analysis Date: <b>9/1/2021</b>	SeqNo: <b>2858051</b> Units: <b>%Rec</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	870		1000		87.1	70	130			

Sample ID: <b>lcs-62288</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>62288</b>	RunNo: <b>80979</b>								
Prep Date: <b>8/30/2021</b>	Analysis Date: <b>9/1/2021</b>	SeqNo: <b>2858053</b> Units: <b>%Rec</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1000		1000		102	70	130			

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
 D Sample Diluted Due to Matrix  
 H Holding times for preparation or analysis exceeded  
 ND Not Detected at the Reporting Limit  
 PQL Practical Quantitative Limit  
 S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank  
 E Value above quantitation range  
 J Analyte detected below quantitation limits  
 P Sample pH Not In Range  
 RL Reporting Limit



**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2108F63

02-Sep-21

**Client:** Souder, Miller and Associates**Project:** Enterprise Trunk C

Sample ID: <b>mb-62251</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>62251</b>	RunNo: <b>80942</b>								
Prep Date: <b>8/27/2021</b>	Analysis Date: <b>8/31/2021</b>	SeqNo: <b>2856978</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.83		1.000		82.9	70	130			

Sample ID: <b>lcs-62251</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>62251</b>	RunNo: <b>80942</b>								
Prep Date: <b>8/27/2021</b>	Analysis Date: <b>8/31/2021</b>	SeqNo: <b>2856980</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.025	1.000	0	92.7	80	120			
Toluene	0.94	0.050	1.000	0	93.8	80	120			
Ethylbenzene	0.96	0.050	1.000	0	96.1	80	120			
Xylenes, Total	2.9	0.10	3.000	0	96.3	80	120			
Surr: 4-Bromofluorobenzene	0.83		1.000		82.7	70	130			

Sample ID: <b>2108F63-001ams</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>SC-1</b>	Batch ID: <b>62251</b>	RunNo: <b>80942</b>								
Prep Date: <b>8/27/2021</b>	Analysis Date: <b>8/31/2021</b>	SeqNo: <b>2856997</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.80	0.024	0.9470	0	84.9	80	120			
Toluene	0.83	0.047	0.9470	0	87.5	80	120			
Ethylbenzene	0.84	0.047	0.9470	0	88.9	80	120			
Xylenes, Total	2.5	0.095	2.841	0	89.2	80	120			
Surr: 4-Bromofluorobenzene	0.79		0.9470		83.3	70	130			

Sample ID: <b>2108F63-001amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>SC-1</b>	Batch ID: <b>62251</b>	RunNo: <b>80942</b>								
Prep Date: <b>8/27/2021</b>	Analysis Date: <b>8/31/2021</b>	SeqNo: <b>2857030</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.024	0.9728	0	89.0	80	120	7.36	20	
Toluene	0.88	0.049	0.9728	0	90.6	80	120	6.16	20	
Ethylbenzene	0.90	0.049	0.9728	0	92.2	80	120	6.34	20	
Xylenes, Total	2.7	0.097	2.918	0	92.4	80	120	6.22	20	
Surr: 4-Bromofluorobenzene	0.80		0.9728		82.0	70	130	0	0	

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2108F63

02-Sep-21

**Client:** Souder, Miller and Associates**Project:** Enterprise Trunk C

Sample ID: <b>mb-62288</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>62288</b>	RunNo: <b>80979</b>								
Prep Date: <b>8/30/2021</b>	Analysis Date: <b>9/1/2021</b>	SeqNo: <b>2858091</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.79		1.000		78.6	70	130			

Sample ID: <b>lcs-62288</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>62288</b>	RunNo: <b>80979</b>								
Prep Date: <b>8/30/2021</b>	Analysis Date: <b>9/1/2021</b>	SeqNo: <b>2858093</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.82		1.000		81.7	70	130			

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

Page 10 of 10



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: clients.hallenvironmental.com

## Sample Log-In Check List

Client Name: **Souder, Miller and Associates**

Work Order Number: **2108F63**

RcptNo: 1

Received By: **Cheyenne Cason**

8/27/2021 7:10:00 AM

Completed By: **Sean Livingston**

8/27/2021 9:13:13 AM

Reviewed By: *JR 8/27/21*

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of  $>0^{\circ}\text{C}$  to  $6.0^{\circ}\text{C}$ ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace  $<1/4"$  for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?  
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?  
(If no, notify customer for authorization.) Yes ☒ No ☐

# of preserved  
bottles checked  
for pH:

( $\leq 2$  or  $>12$  unless noted)

Adjusted?

Checked by: *SPA 8.27.21*

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: \_\_\_\_\_

Date: \_\_\_\_\_

By Whom: \_\_\_\_\_

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: \_\_\_\_\_

Client Instructions: \_\_\_\_\_

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.8	Good				

## Chain-of-Custody Record

Client: Souder, Miller &amp; Associates

Mailing Address: 401 W. Broadway

Farmington, NM 87401

Phone #: (505) 325-7535

email or Fax#: Ashley.Maxwell@soudermiller.com

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance  
☐ NELAC ☐ Other☐ EDD (Type)

Project Manager:

Ashley Maxwell

Sampler: Heather Woods

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp (including CF): 2.8-0.28 (°C)

Container Type and #

Preservative Type

HEAL No.

Date

Matrix

Sample Name

Time

Relinquished by:

Time

Relinquished by:

Time

Received by:

Date

Time

Received by:

Date

Time

Received by:

Date

Time

Received by:

Date

Time

Received by:

Date

Time

Received by:

Date

Time

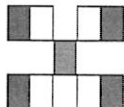
Turn-Around Time:

☐ Standard ☒ Rush 5-Day TAT

Project Name:

Enterprise Trunk C

Project #:

HALL ENVIRONMENTAL  
ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

## Analysis Request

BTEX / MTBE / TMS (8021)  
TPH:8015D(GRO / DRO / MRO)  
8081 Pesticides/8082 PCBs  
EDB (Method 504.1)  
PAHs by 8310 or 8270SIMS  
RCRA 8 Metals  
Cd, F, Br, NO<sub>3</sub>, NO<sub>2</sub>, PO<sub>4</sub>, SO<sub>4</sub>  
8260 (VOA)  
8270 (Semi-VOA)  
Total Coliform (Present/Absent)

Remarks:

Direct Bill to Enterprise



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [clients.hallenvironmental.com](http://clients.hallenvironmental.com)

September 02, 2021

Ashley Maxwell  
Souder, Miller and Associates  
401 W. Broadway  
Farmington, NM 87401  
TEL: (505) 325-5667  
FAX (505) 327-1496

RE: Enterprise Trunk C

OrderNo.: 2108F66

Dear Ashley Maxwell:

Hall Environmental Analysis Laboratory received 1 sample(s) on 8/27/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109



## Analytical Report

Lab Order 2108F66

Date Reported: 9/2/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller and Associates

Client Sample ID: SP-1

Project: Enterprise Trunk C

Collection Date: 8/24/2021 9:00:00 AM

Lab ID: 2108F66-001

Matrix: SOIL

Received Date: 8/27/2021 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	390	60		mg/Kg	20	9/1/2021 6:35:42 PM	62330
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>SB</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	8/30/2021 3:33:44 PM	62254
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/30/2021 3:33:44 PM	62254
Surr: DNOP	105	70-130		%Rec	1	8/30/2021 3:33:44 PM	62254
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	4.9	4.9		mg/Kg	1	8/31/2021 2:33:00 PM	62251
Surr: BFB	105	70-130		%Rec	1	8/31/2021 2:33:00 PM	62251
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>mb</b>
Benzene	ND	0.024		mg/Kg	1	8/31/2021 2:33:00 PM	62251
Toluene	ND	0.049		mg/Kg	1	8/31/2021 2:33:00 PM	62251
Ethylbenzene	ND	0.049		mg/Kg	1	8/31/2021 2:33:00 PM	62251
Xylenes, Total	ND	0.098		mg/Kg	1	8/31/2021 2:33:00 PM	62251
Surr: 4-Bromofluorobenzene	83.9	70-130		%Rec	1	8/31/2021 2:33:00 PM	62251

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Page 1 of 4

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2108F66

02-Sep-21

**Client:** Souder, Miller and Associates**Project:** Enterprise Trunk C

Sample ID: <b>LCS-62254</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>62254</b>	RunNo: <b>80908</b>								
Prep Date: <b>8/28/2021</b>	Analysis Date: <b>8/30/2021</b>	SeqNo: <b>2855930</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	97.2	68.9	141			
Surr: DNOP	4.8		5.000		95.9	70	130			

Sample ID: <b>MB-62254</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>62254</b>	RunNo: <b>80908</b>								
Prep Date: <b>8/28/2021</b>	Analysis Date: <b>8/30/2021</b>	SeqNo: <b>2855931</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.8		10.00		98.0	70	130			

Sample ID: <b>LCS-62277</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>62277</b>	RunNo: <b>80945</b>								
Prep Date: <b>8/30/2021</b>	Analysis Date: <b>8/31/2021</b>	SeqNo: <b>2857252</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.8		5.000		95.1	70	130			

Sample ID: <b>MB-62277</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>62277</b>	RunNo: <b>80945</b>								
Prep Date: <b>8/30/2021</b>	Analysis Date: <b>8/31/2021</b>	SeqNo: <b>2857253</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	11		10.00		107	70	130			

Sample ID: <b>MB-62277</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>62277</b>	RunNo: <b>80946</b>								
Prep Date: <b>8/30/2021</b>	Analysis Date: <b>8/31/2021</b>	SeqNo: <b>2857452</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	10		10.00		104	70	130			

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2108F66

02-Sep-21

**Client:** Souder, Miller and Associates**Project:** Enterprise Trunk C

Sample ID: <b>mb-62251</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>62251</b>	RunNo: <b>80942</b>								
Prep Date: <b>8/27/2021</b>	Analysis Date: <b>8/31/2021</b>	SeqNo: <b>2856921</b>			Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	940		1000		93.8	70	130			

Sample ID: <b>lcs-62251</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>62251</b>	RunNo: <b>80942</b>								
Prep Date: <b>8/27/2021</b>	Analysis Date: <b>8/31/2021</b>	SeqNo: <b>2856923</b>			Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	105	78.6	131			
Surr: BFB	1100		1000		106	70	130			

Sample ID: <b>mb-62288</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>62288</b>	RunNo: <b>80979</b>								
Prep Date: <b>8/30/2021</b>	Analysis Date: <b>9/1/2021</b>	SeqNo: <b>2858051</b>			Units: <b>%Rec</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	870		1000		87.1	70	130			

Sample ID: <b>lcs-62288</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>62288</b>	RunNo: <b>80979</b>								
Prep Date: <b>8/30/2021</b>	Analysis Date: <b>9/1/2021</b>	SeqNo: <b>2858053</b>			Units: <b>%Rec</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1000		1000		102	70	130			

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit



**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2108F66

02-Sep-21

**Client:** Souder, Miller and Associates**Project:** Enterprise Trunk C

Sample ID: <b>mb-62251</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>62251</b>	RunNo: <b>80942</b>								
Prep Date: <b>8/27/2021</b>	Analysis Date: <b>8/31/2021</b>	SeqNo: <b>2856978</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.83		1.000		82.9	70	130			

Sample ID: <b>lcs-62251</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>62251</b>	RunNo: <b>80942</b>								
Prep Date: <b>8/27/2021</b>	Analysis Date: <b>8/31/2021</b>	SeqNo: <b>2856980</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.025	1.000	0	92.7	80	120			
Toluene	0.94	0.050	1.000	0	93.8	80	120			
Ethylbenzene	0.96	0.050	1.000	0	96.1	80	120			
Xylenes, Total	2.9	0.10	3.000	0	96.3	80	120			
Surr: 4-Bromofluorobenzene	0.83		1.000		82.7	70	130			

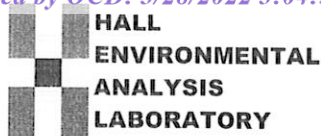
Sample ID: <b>mb-62288</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>62288</b>	RunNo: <b>80979</b>								
Prep Date: <b>8/30/2021</b>	Analysis Date: <b>9/1/2021</b>	SeqNo: <b>2858091</b> Units: <b>%Rec</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.79		1.000		78.6	70	130			

Sample ID: <b>lcs-62288</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>62288</b>	RunNo: <b>80979</b>								
Prep Date: <b>8/30/2021</b>	Analysis Date: <b>9/1/2021</b>	SeqNo: <b>2858093</b> Units: <b>%Rec</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.82		1.000		81.7	70	130			

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: clients.hallenvironmental.com

## Sample Log-In Check List

Client Name: **Souder, Miller and Associates**

Work Order Number: **2108F66**

RcptNo: 1

Received By: **Cheyenne Cason**

8/27/2021 7:10:00 AM

Completed By: **Sean Livingston**

8/27/2021 9:28:38 AM

Reviewed By:

*JK 8/27/21*

*Chad*

*Sean Livingston*

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐  
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐  
4. Were all samples received at a temperature of  $>0^{\circ}\text{C}$  to  $6.0^{\circ}\text{C}$ ? Yes ☒ No ☐ NA ☐  
5. Sample(s) in proper container(s)? Yes ☒ No ☐  
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐  
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐  
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐  
9. Received at least 1 vial with headspace  $<1/4"$  for AQ VOA? Yes ☐ No ☐ NA ☒  
10. Were any sample containers received broken? Yes ☐ No ☒  
11. Does paperwork match bottle labels?  
(Note discrepancies on chain of custody) Yes ☒ No ☐  
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐  
13. Is it clear what analyses were requested? Yes ☒ No ☐  
14. Were all holding times able to be met?  
(If no, notify customer for authorization.) Yes ☒ No ☐

# of preserved  
bottles checked  
for pH:

( $<2$  or  $>12$  unless noted)

Adjusted?

Checked by:

*SPA 8.27.21*

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:

Date:

By Whom:

Via:

☐ eMail

☐ Phone

☐ Fax

☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.8	Good				

# HALL ENVIRONMENTAL ANALYSIS LABORATORY

[www.hallenvironmental.com](http://www.hallenvironmental.com)

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

## Analysis Request

[illegible]

if necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 93664

CONDITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 93664
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved. Going forward, please provide sampling protocol for soil stockpile and obtain prior approval to backfill excavation with soil stockpile.	4/18/2022