

SITE INFORMATION

Report Type: Closure nJXK1621825385

General Site Information:

Site:	MCA Unit #123 Injection Line Release			
Company:	ConocoPhillips			
Section, Township and Range	Unit Letter D	Sec. 26	T 17S	R 32E
Lease Number:	Associated API No. 30-025-00705			
County:	Lea			
GPS:	32.810736°		-103.742846°	
Surface Owner:	State			
Mineral Owner:	N/A			
Directions:	Depart from Hobbs, New Mexico. Head west on US-180 W/US-62 W/ W Marland Blvd for 14.1 miles. turn right onto NM-529 for 24.1 miles. turn right on Maljamar Rd for 1.6 miles. turn right on unnamed lease road for 1.2 miles. Site is 0.1 miles to the south.			

Release Data:

Date Released:	08/04/2016	
Type Release:	Produced Water	
Source of Contamination:	Injection Line	
Fluid Released:	20 bbls	
Fluids Recovered:	15 bbls	

Official Communication:

Name:	Jenni Fortunato	Shelly Tucker	Christian M. Llull
Company:	Conoco Phillips - RMR	BLM	Tetra Tech
Address:	935 N. Eldridge Pkwy.	620 E. Greene St	8911 North Capital of Texas Hwy. Building 2, Suite 2310
City:	Houston, Texas 77079	Carlsbad, NM 88220	Austin, Texas
Phone number:	(832) 486-2477	575.234.5706 - Direct	(512) 338-2861
Fax:			
Email:	Jenni.Fortunato@conocophillips.com	stucker@blm.gov	christian.llull@tetrattech.com

Site Characterization

Depth to Groundwater:	126' below surface
Impact to groundwater or surface water:	No
Extents within 300 feet of a watercourse:	No
Extents within 200 feet of lakebed, sinkhole, or playa lake:	No
Extents within 300 feet of an occupied structure:	No
Extents within 500 horizontal feet of a private water well:	No
Extents within 1000 feet of any water well or spring:	No
Extents within incorporated municipal well field:	No
Extents within 300 feet of a wetland:	No
Extents overlying a subsurface mine:	No
Karst Potential:	Low
Extents within a 100-year floodplain:	No
Impact to areas not on a production site:	No

Recommended Remedial Action Levels (RRALs)

Benzene	Total BTEX	TPH (GRO+DRO+MRO)	Chlorides
10 mg/kg	50 mg/kg	2,500 mg/kg	10,000 mg/kg



February 2, 2022

District Supervisor
Oil Conservation Division, District 1
1625 N. French Dr
Hobbs, NM 88240

**Re: Closure Report
ConocoPhillips
MCA Unit #123 Injection Line Release
Unit Letter D, Section 26, Township 17 South, Range 32 East
Lea County, New Mexico
1RP-4388
Incident ID # nJXK1621825385**

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips to assess a release that occurred from an injection line associated with the Maljamar Cooperative Agreement (MCA) Unit #123 injection well, located in Public Land Survey System (PLSS) Unit Letter D, Section 26, Township 17 South, Range 32 East, in Lea County, New Mexico (Site). The release site coordinates are 32.810736°, -103.742846°, as shown on Figures 1 and 2.

BACKGROUND

According to the State of New Mexico C-141 Initial Report (Appendix A), on August 4, 2016 a leak was found inside a tinhorn on a 3-inch injection line at the MCA Unit #123 injection well (API No. 30-025-00705). The leak resulted in a release of 20 barrels (bbls) of produced water, of which 15 bbls were recovered with a vacuum truck. Immediate action taken by ConocoPhillips was to shut in the line to stop the release and submit a work order for repairs. The C-141 describes the affected area as an 8-inch deep 20-foot (ft) by 20-ft area of pasture. The NMOCD was notified of the release later that same day, and subsequently assigned the Site the Remediation Permit (RP) number 1RP-4388 and the Incident ID nJXK1621825385.

SITE CHARACTERIZATION

A site characterization was performed and no watercourses, lakebeds, sinkholes, playa lakes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, springs, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the specified distances. The site is in an area with low karst potential.

There are no water wells listed in Section 26, Township 17 South, Range 32 East on the New Mexico Office of the State Engineer (NMOSE) database. The average depth to groundwater in all of Township 17 South, Range 32 East is 126 ft below ground surface (bgs). Site characterization data are included in Appendix B.

REGULATORY FRAMEWORK

Based upon the release footprint and in accordance with Subsection E of 19.15.29.12 NMAC, per 19.15.29.11 NMAC, the site characterization data was used to determine recommended remedial action levels (RRALs) for benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX), total

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petroleum hydrocarbons (TPH), and chlorides in soil. Based on the depth to groundwater at the Site, the RRALs for the Site are as follows:

CONSTITUENT	RRAL
Chloride (0 – 4 ft bgs)	600 mg/kg
Chloride (>4 ft bgs)	20,000 mg/kg
TPH (GRO+DRO+MRO)	2,500 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

SITE ASSESSMENT AND SUMMARY OF SAMPLING RESULTS

In August 2016, Basin Environmental Service Technologies (Basin) conducted soil field screening on behalf of ConocoPhillips at three locations within the release extent, though the precise locations are unknown. No samples were submitted for laboratory analysis. The initial stain map produced by Basin indicated that the impact from the release covered approximately 2,032 square ft and was an irregular-shaped area that flowed west from the release point along topographically lower elevations within the dunes. The release was mapped as extending 130 ft west of the former tinhorn.

On January 22, 2020, Tetra Tech personnel were onsite to visually assess the Site. cursory review of aerial imagery shows that the tinhorn was removed prior to February 2017 (Google Earth imagery date). The tinhorn was not observed during the field visit, and soils near the former tinhorn appeared to have been worked and or backfilled. Vegetation throughout the remainder of the observed release extent appeared stressed.

In order to verify the reported release extent from Basin and achieve horizontal and vertical delineation of the release footprint, Tetra Tech personnel were onsite to conduct soil sampling on March 23rd and 24th, 2020. A total of eight (8) borings (BH-1 through BH-8) were installed using an air rotary drilling rig. Three 10-ft borings (BH-2, BH-3, and BH-5) and three 7-ft borings (BH-6 through BH-8) were installed along the perimeter of the release to achieve horizontal delineation. The boring locations chosen for the horizontal delineation were based upon visual cues such as stressed vegetation. Care was taken to install borings for horizontal delineation outside of the observed impacted area. The remaining two borings, BH-1 and BH-4, were drilled within the release extent footprint to 50- and 60-ft depths, respectively, to achieve vertical delineation. A total of twenty-nine (29) samples were collected from the eight (8) borings and submitted to Pace Analytical National Center for Testing & Innovation in Nashville, Tennessee to be analyzed for chlorides via EPA Method 300.0, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B.

Results from the March 2020 soil assessment activities are summarized in Table 1. The assessment successfully delineated the release. The analytical data revealed elevated chloride concentrations at depth at the former tinhorn location (BH-1). However, the excavation and backfilling in the vicinity of the former tinhorn resulted in soil concentrations below reclamation limits for chlorides in the upper four feet. Laboratory analytical results for chloride exceeded the 0-4 ft bgs RRAL of 600 mg/kg in BH-4 (3-4 ft bgs). There were no results that exceeded the >4 ft bgs RRAL of 20,000 mg/kg for chlorides. Per NMOCD 19.015.29.11(A)(5)(c), the vertical extent of the release was delineated to 600 mg/kg chlorides in BH-1 at 49 ft bgs and in BH-4 at 59 ft bgs.

Analytical results associated with the interior borings (BH-1 and BH-4) did not exceed the delineation criteria for BTEX or TPH in the upper 4 ft. There were no detections of BTEX or TPH above their respective Site RRALs of 50 mg/kg and 2,500 mg/kg in any of the analyzed samples below 4 ft bgs.

REMEDATION WORK PLAN AND ALTERNATIVE CONFIRMATION SAMPLING PLAN

The Release Characterization Work Plan (Work Plan) was prepared by Tetra Tech on behalf of ConocoPhillips and submitted to NMOCD on May 25, 2020 with fee application payment PO Number 044CI-

200525-C-1410. The Work Plan described the results of the release assessment and provided characterization of the impact at the site.

In an email from Bradford Billings of NMOCD dated February 18, 2021, ConocoPhillips was notified that the final Work Plan submittal was missing tables and figures, which was attributed to a technical issue with the fee portal. The Work Plan was resubmitted on February 22, 2021 with fee application payment PO Number WC6PV-210222-C-1410. The resubmitted Work Plan was approved via email by Bradford Billings on Tuesday, September 7, 2021. Mr. Billings also executed page 4 of the C-141 form included with the Work Plan.

REMEDIATION ACTIVITIES AND CONFIRMATION SAMPLING

From November 15 – December 2, 2021 Tetra Tech personnel were onsite to supervise the remediation activities proposed in the approved Work Plan, including excavation, disposal, and confirmation sampling. Prior to breaking ground, permission was granted from the BLM (Shelly Tucker) via email on November 9, 2021 (Appendix D). Impacted soils were excavated until a representative sample from the walls and bottom of the excavation had a field screening value inferred as lower than the RRALs for the Site. Once field screening was completed, confirmation floor and sidewall samples were collected for laboratory analysis to verify that the impacted materials were properly removed. Each confirmation sample laboratory analytical result was directly compared to the proposed RRALs to demonstrate compliance.

Per the approved Alternative Confirmation Sampling Plan, confirmation samples were collected such that each discrete sample (sidewall and floor) were representative of no more than 500 square feet of excavated area. A total of ten (10) floor sample locations and fifteen (15) sidewall sample locations were collected during the remedial activities. Confirmation sidewall sample locations were labeled with "SW"-#, and confirmation floor sample locations were labeled with "FS"-#. Excavated areas, depths and confirmation sample locations are shown in Figure 4.

Collected confirmation samples were placed into laboratory-provided sample containers, transferred under chain-of-custody, and analyzed within appropriate holding times by Cardinal Laboratories in Hobbs, New Mexico. The soil samples were analyzed for TPH (DRO and ORO) by EPA Method 8015, TPH Low Fraction (GRO) by EPA Method 8015D, BTEX by EPA Method 8260B, and chlorides by EPA Method SM4500Cl-B. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C.

Per the NMOCD-approved Work Plan, the observed impacted area was excavated to 4 feet below existing grade. Per the approved plan, the portion of the release extent that runs along the buried line was hand-dug to 4 feet bgs. Subcontractor personnel exercised caution while working around the surface and subsurface flowlines in the vicinity. Upon review of floor sample analytical results, one area in the eastern portion of the excavation (near sample locations ESW-1 and ESW-2) had associated analytical results exhibiting elevated concentrations of chloride.

Iterative confirmation samples were located to encompass the original sample locations that triggered removal (nomenclature defined in Table 2) post-additional excavation. If the sidewall area was expanded due to unacceptable confirmation sample results, the parentheses indicate the expansion iteration. For floor samples, the parentheses indicate the excavation floor depth from which the sample was collected. These areas are indicated in Figure 4. Thus, after iterative confirmation sampling, all final confirmation soil samples (floor and sidewall) were below the respective RRALs for chloride, BTEX, and TPH. The results of the November and December 2021 confirmation sampling events are summarized in Table 2.

All the excavated material was transported offsite for proper disposal. Approximately 534 cubic yards of material were transported to the R360 facility in Hobbs, New Mexico. Photographs from the excavated areas prior to backfill are provided in Appendix E. Once confirmation sampling activities were completed and associated analytical results were below the RRALs, the excavated areas were backfilled with clean material to surface grade. The reclaimed areas contain soil backfill consisting of suitable material (loose sand) to establish vegetation at the site. Copies of the waste manifests are included in Appendix F.

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ConocoPhillips

As prescribed in the Work Plan, the backfilled areas were seeded in December 2021 to aid in revegetation. Based on the soils at the site and the approved Work Plan, the New Mexico State Land Office (NMSLO) Sandy (S) Sites Seed Mixture and the Seed Mix 2 LPC (per BLM) were used for seeding and planted in the amount specified in the pounds pure live seed (PLS) per acre.

Site inspections will be performed to assess the revegetation progress and evaluate the site for the presence of primary or secondary noxious weeds. If noxious weeds are identified, the BLM will be contacted to determine an effective method for eradication. If the site does not show revegetation after one growing season, the area will be reseeded as appropriate.

CONCLUSION

ConocoPhillips respectfully requests closure of this release based on the confirmation sampling results and remediation activities performed. The final C-141 forms are enclosed in Appendix A. If you have any questions concerning the remediation activities for the Site, please call me at (512) 338-2861.

Sincerely,
Tetra Tech, Inc.



Christian M. Llull, P.G.
Program Manager

cc:
Ms. Jenni Fortunato, RMR – ConocoPhillips
Ms. Shelly Tucker, BLM

LIST OF ATTACHMENTS

Figures:

- Figure 1 – Overview Map
- Figure 2 – Site Location/Topographic Map
- Figure 3 – Release Extent and Assessment Map
- Figure 4 – Remediation Extent and Confirmation Sampling

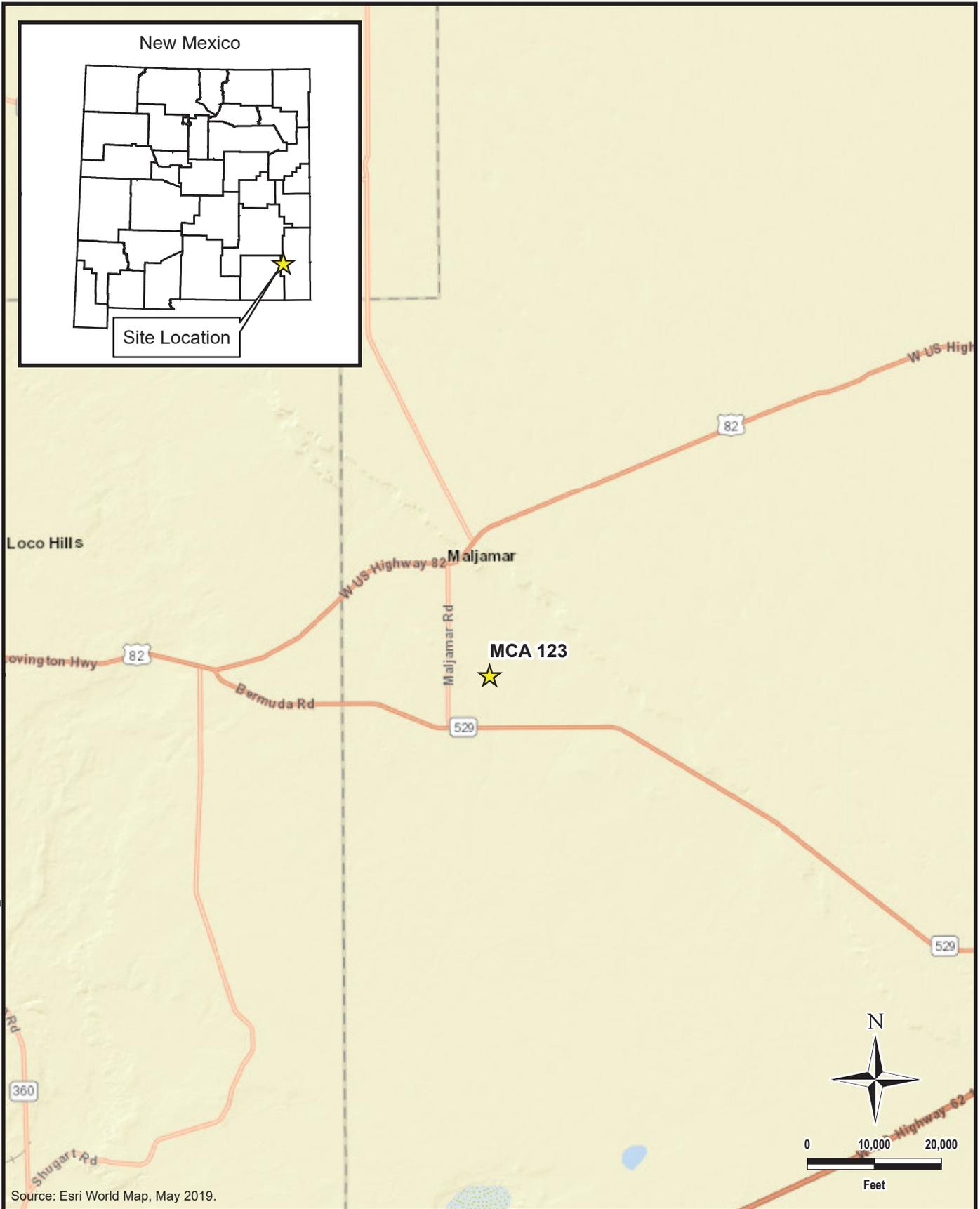
Tables:

- Table 1 – Summary of Analytical Results – Soil Assessment
- Table 2 – Summary of Analytical Results – Soil Remediation

Appendices:

- Appendix A – C-141 Forms
- Appendix B – Site Characterization Data
- Appendix C – Laboratory Analytical Data
- Appendix D – BLM Correspondence
- Appendix E – Photographic Documentation
- Appendix F – Waste Manifests

FIGURES



DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\MCA 123\FIGURE 1 OVERVIEW MAP_MCA 123.MXD

Source: Esri World Map, May 2019.



TETRA TECH

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CONOCOPHILLIPS

1RP-4388
(32.810733°, -103.742843°)
LEA COUNTY, NEW MEXICO

**MCA 123 INJECTION LINE RELEASE
SITE LOCATION MAP**

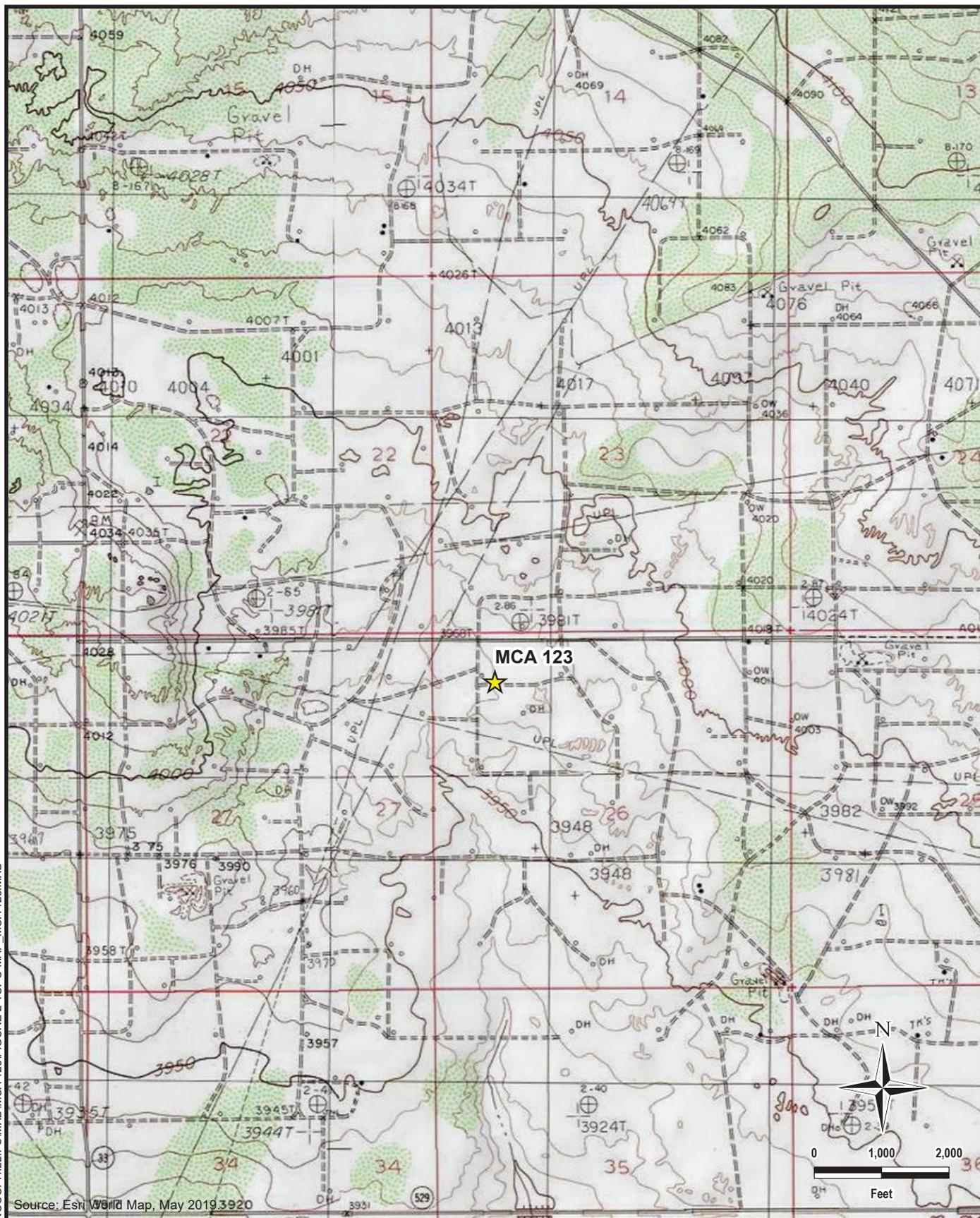
PROJECT NO.: 212C-MD-02067

DATE: JANUARY 23, 2020

DESIGNED BY: AAM

Figure No.

1



DOCUMENT PATH: D:\CONOCOPHILLIPS\MCA 123\FIGURE 2 TOPO MAP MCA 123.MXD

Source: Esri World Map, May 2019 3920



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CONOCOPHILLIPS

1RP-4388
 (32.810733°, -103.742843°)
 LEA COUNTY, NEW MEXICO

**MCA 123 INJECTION LINE RELEASE
 TOPOGRAPHIC MAP**

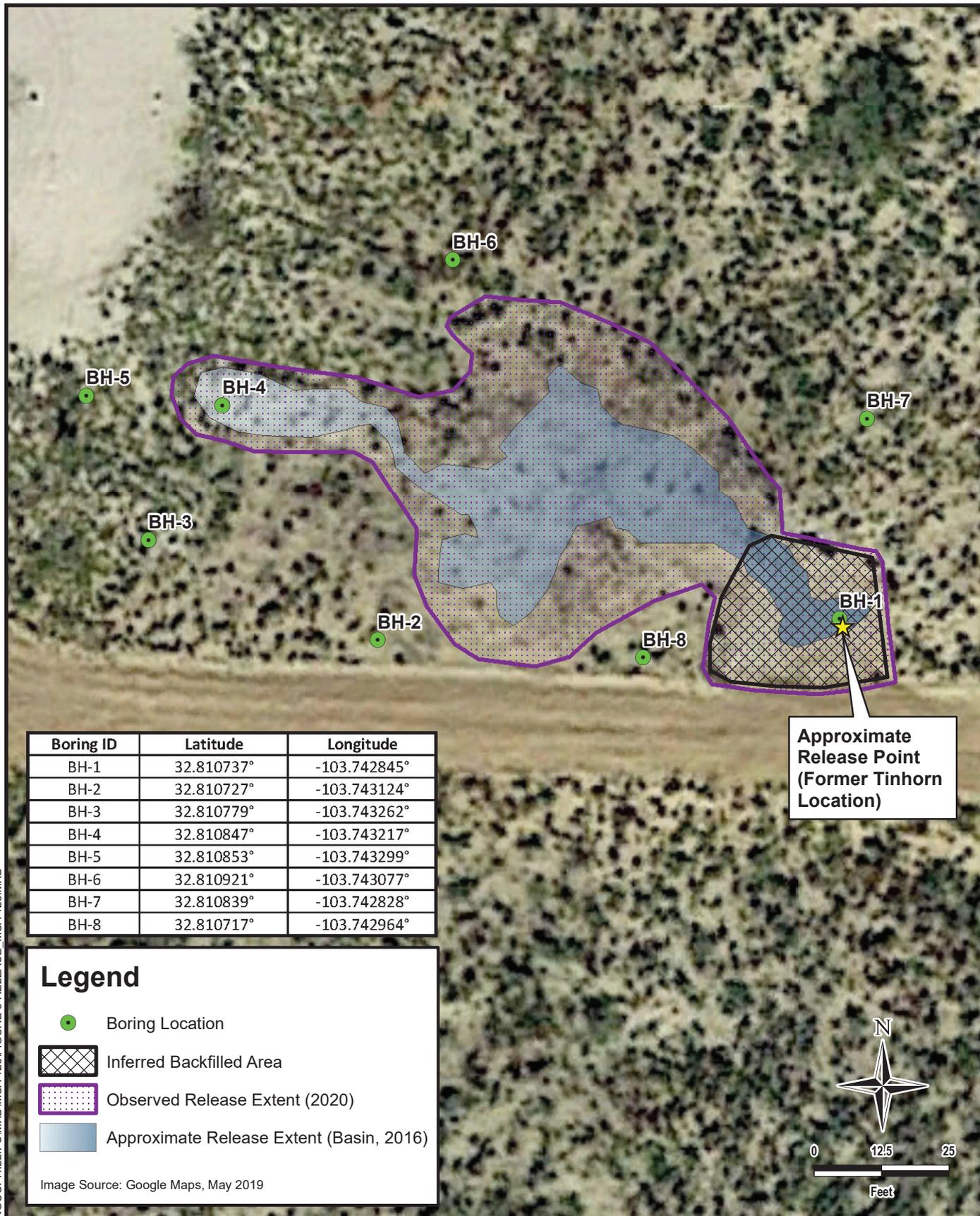
PROJECT NO.: 212C-MD-02067

DATE: JANUARY 23, 2020

DESIGNED BY: AAM

Figure No.

2



Boring ID	Latitude	Longitude
BH-1	32.810737°	-103.742845°
BH-2	32.810727°	-103.743124°
BH-3	32.810779°	-103.743262°
BH-4	32.810847°	-103.743217°
BH-5	32.810853°	-103.743299°
BH-6	32.810921°	-103.743077°
BH-7	32.810839°	-103.742828°
BH-8	32.810717°	-103.742964°

Legend

- Boring Location
- Inferred Backfilled Area
- Observed Release Extent (2020)
- Approximate Release Extent (Basin, 2016)

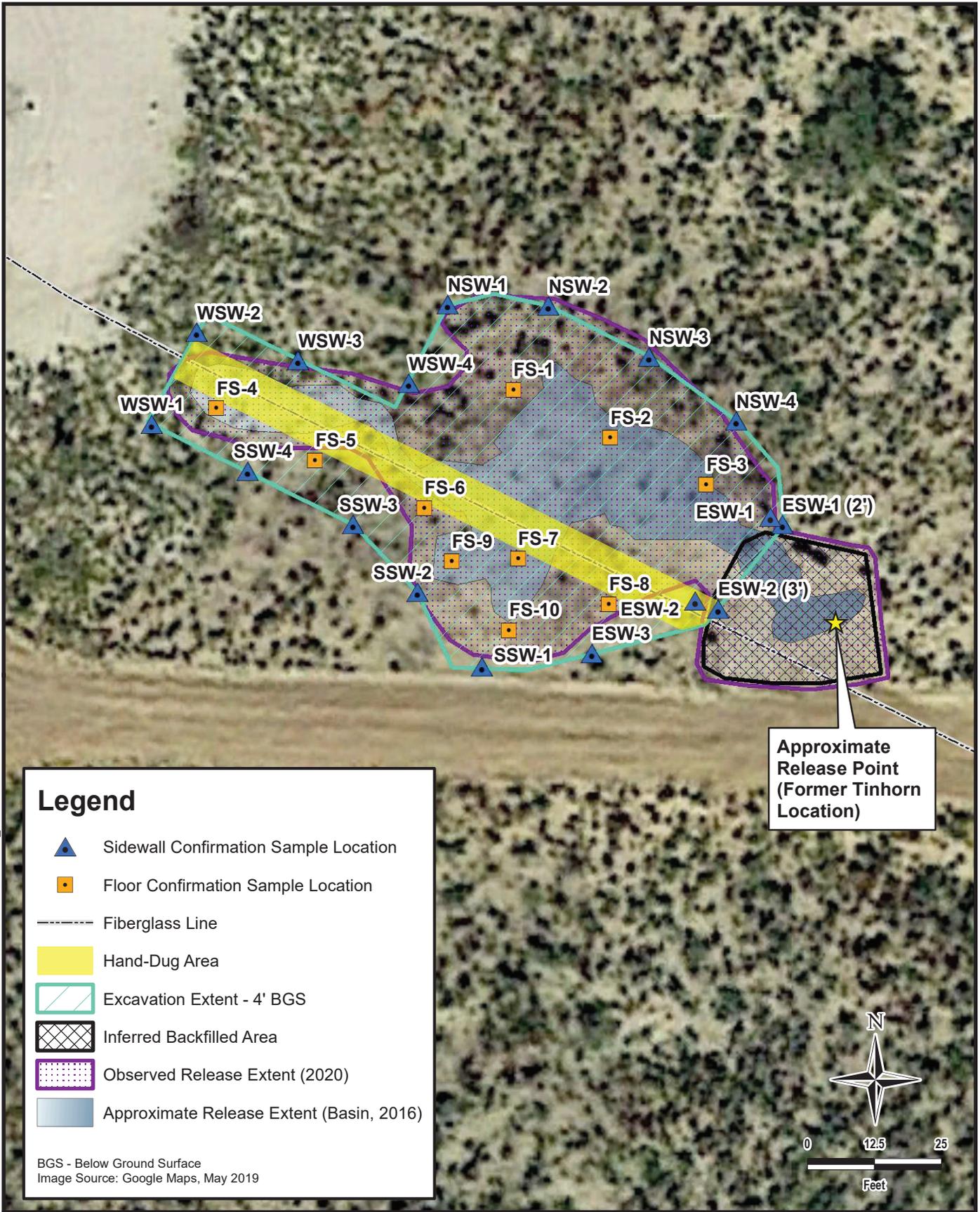
Image Source: Google Maps, May 2019

Approximate Release Point (Former Tinhorn Location)



DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\MCA 123\FIGURE 3 RELEASE_MCA 123.MXD

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	<p>MCA 123 INJECTION LINE RELEASE RELEASE EXTENT AND ASSESSMENT MAP</p>	DATE: MAY 13, 2020
		DESIGNED BY: AAM
		Figure No. 3



Legend

- Sidewall Confirmation Sample Location
- Floor Confirmation Sample Location
- Fiberglass Line
- Hand-Dug Area
- Excavation Extent - 4' BGS
- Inferred Backfilled Area
- Observed Release Extent (2020)
- Approximate Release Extent (Basin, 2016)

BGS - Below Ground Surface
Image Source: Google Maps, May 2019

DOCUMENT PATH: D:\CONOCOPHILLIPS\MCA 123\REMEDIATION\FIGURE 4 REMEDIATION_MCA 123.MXD

<p>TETRA TECH</p> <p>www.tetrattech.com</p> <p>901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946</p>	<p>CONOCOPHILLIPS</p> <p>1RP-4388 (32.810733°, -103.742843°) LEA COUNTY, NEW MEXICO</p>	<p>PROJECT NO.: 212C-MD-02067</p> <p>DATE: JANUARY 06, 2022</p> <p>DESIGNED BY: AAM</p>
	<p>MCA 123 INJECTION LINE RELEASE REMEDIATION EXTENT AND CONFIRMATION SAMPLING</p>	
	<p>Figure No. 4</p>	

TABLES

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
SOIL ASSESSMENT - IRP-4388
CONOCOPHILLIPS
MCA 123 INJECTION LINE RELEASE
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth Interval	Field Screening Results		Chloride ¹		BTEX ²				TPH ³				Total TPH (GRO+DRO+ORO)				
			Chloride	PID	mg/kg	Q	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	GRO ⁴	DRO	ORO					
		ft. bgs	ppm		mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	
BH6	3/23/2020	0-1	34.8	1.0	59.9		<0.000103	<0.000515	<0.000258	<0.000670	-	0.0747	J	6.88	20.2	27.2	27.2		
		2-3	52.1	0.9	10.6	B	0.000413	<0.000517	<0.00258	<0.000672	0.000413	<0.103		<4.13	5.18	5.18	5.18		
		3-4	76.3	0.7	9.93	B1	<0.000103	<0.000514	<0.00257	<0.000668	-	<0.103		2.13	16.1	18.2	18.2		
		4-5	108	1.6	-		-	-	-	-	-	-	-	-	-	-	-	-	-
		6-7	232	1.8	16.8		<0.000106	<0.000530	<0.00265	<0.000689	-	<0.106		<4.24	0.463	0.463	0.463	0.463	
BH7	3/23/2020	0-1	52.8	1.3	5.81	B1	<0.000114	<0.000570	<0.00285	<0.000740	-	<0.114		5.92	39.0	44.9	44.9		
		2-3	61.7	1.1	9.00	B1	<0.000103	<0.000513	<0.00257	<0.000667	-	<0.103		2.92	5.89	8.81	8.81		
		3-4	71.8	0.9	11.4	B	<0.000103	<0.000513	<0.00256	<0.000667	-	<0.103		3.40	4.55	7.95	7.95		
		4-5	58.8	1.3	-		-	-	-	-	-	-	-	-	-	-	-	-	-
		6-7	34.3	1.4	7.71	B1	<0.000113	<0.000565	<0.00282	<0.000734	-	<0.113		1.88	0.528	2.41	2.41	2.41	
BH8	3/23/2020	0-1	32.7	0.9	3.63	B1	<0.000105	<0.000523	<0.00262	<0.000680	-	<0.105		<4.19	1.33	1.33	1.33		
		2-3	48.5	0.8	12.5	B	<0.000105	<0.000523	<0.00262	<0.000680	-	<0.105		1.71	1.20	2.91	2.91		
		3-4	64.4	1.3	5.24	B1	<0.000111	<0.000557	<0.00279	<0.000724	-	<0.111		<4.46	1.55	1.55	1.55		
		4-5	86.7	1.4	-		-	-	-	-	-	-	-	-	-	-	-	-	
		6-7	264	1.7	80.5		<0.000108	<0.000538	<0.00269	<0.000700	-	<0.108		<4.31	<4.31	<4.31	<4.31	<4.31	

NOTES:
ft. Feet
bgs Below ground surface
ppm Parts per million
mg/kg Milligrams per kilogram
HOLD -HOLD on sample analysis
TPH Total Petroleum Hydrocarbons
GRO Gasoline range organics
DRO Diesel range organics
ORO Off range organics

Shaded rows indicate depth intervals proposed for excavation and remediation.
Bold and italicized values indicate exceedance of proposed IRALS
1. EPA Method 300.0
2. EPA Method 8260B
3. EPA Method 8015
4. EPA Method 8015D/GRO
QUALIFIERS:
B The same analyte is found in the associated blank.
J The identification of the analyte is acceptable; the reported value is an estimate.

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
SOIL REMEDIATION - NJXK1621825385
CONOCOPHILLIPS
MCA 123 INJECTION LINE RELEASE
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth ft. bgs	Field Screening Results		Chloride ¹		BTEX ²				TPH ³							
			Chloride	PID	mg/kg	Q	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	GRO	DRO	EXT DRO	Total TPH			
			ppm		mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q
FS-1	11/29/2021	4	-	-	1,630		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0	
FS-2	11/29/2021	4	-	-	1,360		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0	
FS-3	11/29/2021	4	-	-	32.0		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0	
FS-4	11/29/2021	4	-	-	4,080		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0	
FS-5	11/29/2021	4	-	-	1,880		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0	
FS-6	11/29/2021	4	-	-	480		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0	
FS-7	11/29/2021	4	-	-	3,160		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0	
FS-8	11/29/2021	4	-	-	3,280		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0	
FS-9	11/29/2021	4	-	-	2,520		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0	
FS-10	11/29/2021	4	-	-	1,060		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0	
NSW-1	11/29/2021	-	-	-	<16.0		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0	
NSW-2	11/29/2021	-	-	-	160		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0	
NSW-3	11/29/2021	-	-	-	32.0		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0	
NSW-4	11/29/2021	-	-	-	32.0		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0	
ESW-1	11/29/2021	-	-	-	704		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0	
ESW-1 (2)	11/29/2021	-	-	-	32		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0	
ESW-2	11/29/2021	-	-	-	640		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0	
ESW-2 (3)	11/29/2021	-	-	-	<16.0		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0	
ESW-3	11/29/2021	-	-	-	32.0		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0	
SSW-1	11/29/2021	-	-	-	192		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0	
SSW-2	11/29/2021	-	-	-	482		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0	
SSW-3	11/29/2021	-	-	-	32.0		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0	
SSW-4	11/29/2021	-	-	-	<16.0		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0	
MSW-1	11/29/2021	-	-	-	96.0		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0	
MSW-2	11/29/2021	-	-	-	<16.0		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0	
MSW-3	11/29/2021	-	-	-	<16.0		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0	
MSW-4	11/29/2021	-	-	-	32.0		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0	

NOTES:

- ft. Feet
- bgs Below ground surface
- ppm Parts per million
- mg/kg Milligrams per kilogram
- TPH Total Petroleum Hydrocarbons
- GRO Gasoline range organics
- DRO Diesel range organics

Gold and italicized values indicate exceedance of proposed Remediation REALS and Reclamation Requirements.

Gold highlight represents soil horizons that were removed during deepening of excavation floors.

Green highlight represents soil intervals that were removed during horizontal expansion of excavation sidewalls.

* These iterative samples are located to encompass the original sample location that triggered removal, with further excavation in each area indicated in ().

APPENDIX A C-141 Forms

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

RECEIVED

By JKeyes at 7:05 am, Aug 05, 2016

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company: ConocoPhillips	Contact: Jose A Zepeda
Address: 29 Vacuum Complex Lane	Telephone No. 575-391-3165
Facility Name: MCA 123	Facility Type: Injection Line
Surface Owner: BLM	Mineral Owner: N/A
API No. 30-025-00705	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	26	17S	32E					Lea

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release: Produce Water	Volume of Release: 20	Volume Recovered: 15
Source of Release: Injection Line	Date and Hour of Occurrence 08/04/2016 1119	Date and Hour of Discovery SAME
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jamie Keyes	
By Whom? Jose A Zepeda	Date and Hour: 08/04/16 1630 via email	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

N/A

Describe Cause of Problem and Remedial Action Taken. *

ENV – Agency Reportable – MCBU – Permian – 20 bbls of Produced Water – MCA 123 – Buckeye – RR2 – On August 04, 2016 at 1119 MDT, at MCA 123, operator found a leak originating from inside a tin horn on a 3” injection line. Spill resulted in a release of 20 bbls of produced water with 15 bbls recovered. Immediate action was to shut in line and turn in work order for repairs. Spill site will be remediated according to COPC and NMOCD guidelines.

Describe Area Affected and Cleanup Action Taken. *

Pasture area 20’ X 20’ X 8” deep.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: <i>JOSE A ZEPEDA</i>		OIL CONSERVATION DIVISION	
Printed Name: Jose A Zepeda		Approved by Environmental Specialist: <i>Jamie Keyes</i>	
Title: LEAD HSE	Approval Date: 08/05/2016	Expiration Date: 10/05/2016	
E-mail Address: Jose. A. Zepeda@conocophillips.com	Conditions of Approval: Discrete samples only. Delineate and remediate per NMOCD guidelines. Ensure BLM concurrence/approval.		Attached <input type="checkbox"/> IRP 4388
Date: 08/04/2016	Phone: 575-391-3165		

* Attach Additional Sheets If Necessary

nJXX1621825385
pJXX1621825456

Incident ID	nJXK1621825385
District RP	1RP-4388
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	126 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	nJXK1621825385
District RP	1RP-4388
Facility ID	
Application ID	

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: Marvin Soriwei Title: Program Manager, Risk Management & Remediation.
 Signature:  Date: 5/25/2020
 email: marvin.soriwei@conocophillips.com Telephone: 823-486-2730

OCD Only

Received by: _____ Date: _____

Incident ID	nJXK1621825385
District RP	1RP-4388
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.

- Detailed description of proposed remediation technique
- Scaled sitemap with GPS coordinates showing delineation points
- Estimated volume of material to be remediated
- Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.

- Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- Extents of contamination must be fully delineated.
- Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: Marvin Soriwei Title: Program Manager, Risk Management & Remediation.
 Signature:  Date: 5/25/2020
 email: marvin.soriwei@conocophillips.com Telephone: 832-486-2730

OCD Only

Received by: _____ Date: _____

- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature:  Date: 09/07/2021

State of New Mexico
Oil Conservation Division

Page 6

Incident ID	nJXK1621825385
District RP	1RP-4388
Facility ID	
Application ID	

Closure

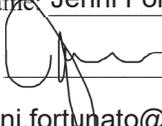
The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled 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: Jenni Fortunato Title: Program Manager, Remediation

Signature:  Date: 2/1/22

email: jenni.fortunato@cop.com Telephone: 832-486-2477

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:  Date: 10/26/2022

Printed Name: Brittany Hall Title: Environmental Specialist

APPENDIX B

Site Characterization 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	Depth Well	Depth Water	Water Column
L 03980	L	LE		2	2	2	01	17S	32E	620466	3637594*	270	200	70
L 03980 S	L	LE		4	4	4	02	17S	32E	618870	3636170*	255	179	76
L 03980 S2	L	LE		3	2	3	01	17S	32E	619470	3636581*	225	175	50
L 04019	L	LE		4	3	4	02	17S	32E	618468	3636166*	182		
L 04020	L	LE		3	3	4	02	17S	32E	618268	3636166*	200		
L 04021	R	L	LE	3	4	4	02	17S	32E	618670	3636170*	190		
L 04021 POD3	L	LE			3	4	03	17S	32E	616761	3636252*	247		
L 04021 S	L	LE		2	4	4	03	17S	32E	617262	3636354*	260		
L 13047 POD1	L	LE					11	17S	32E	618187	3635254*	140		
L 13050 POD1	L	LE		2	2	1	10	17S	32E	616463	3635945*	156	132	24
RA 08855	RA	LE		4	1	1	10	17S	32E	616061	3635742*	158		
RA 09505	RA	LE		2	2	1	10	17S	32E	616462	3635944	147		
RA 09505 S	RA	LE		2	2	1	10	17S	32E	616463	3635945*	144		
RA 10175	RA	LE			2	1	28	17S	32E	614814	3631005*	158		
RA 11684 POD1	RA	LE		1	1	4	11	17S	32E	618216	3635124	275		
RA 11684 POD2	RA	LE		1	1	4	11	17S	32E	618313	3635248	275		
RA 11684 POD3	RA	LE		3	3	1	11	17S	32E	618262	3635371	275		
RA 11684 POD4	RA	LE		1	3	2	11	17S	32E	618334	3635521	275		
RA 11684 POD5	RA	LE		3	1	4	11	17S	32E	618353	3635047	275		
RA 11734 POD1	RA	LE		2	2	1	10	17S	32E	616556	3635929	165		
RA 11911 POD1	RA	LE		1	3	1	24	17S	32E	619192	3632296	35		
RA 12020 POD1	RA	LE		2	2	1	28	17S	32E	614828	3630954	120	81	39
RA 12020 POD3	RA	LE		2	1	2	28	17S	32E	615152	3631019	112	83	29
RA 12042 POD1	RA	LE		2	2	1	28	17S	32E	614891	3631181	400		
RA 12436 POD1	RA	LE		2	2	1	10	17S	32E	616556	3635929	160	125	35
RA 12521 POD1	RA	LE		3	3	4	21	17S	32E	615127	3631271	105	92	13

*UTM location was derived from PLSS - see Help

(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	Depth Well	Depth Water	Water Column
RA 12522 POD1	RA	LE		3	3	4	21	17S	32E	614941	3631122	100		
RA 12522 POD2	RA	LE		2	2	1	28	17S	32E	614949	3631098	100		
RA 12522 POD3	RA	LE		4	4	3	28	17S	32E	614980	3631093	100		
RA 12721 POD1	RA	LE		3	2	3	28	17S	32E	614645	3630141	125		
RA 12721 POD2	RA	LE		1	1	4	28	17S	32E	615055	3630407	124	75	49
RA 12721 POD3	RA	LE		2	3	4	28	17S	32E	615417	3629979	115		
RA 12721 POD4	RA	LE		1	1	2	33	17S	32E	615055	3629589	140		

Average Depth to Water: **126 feet**

Minimum Depth: **75 feet**

Maximum Depth: **200 feet**

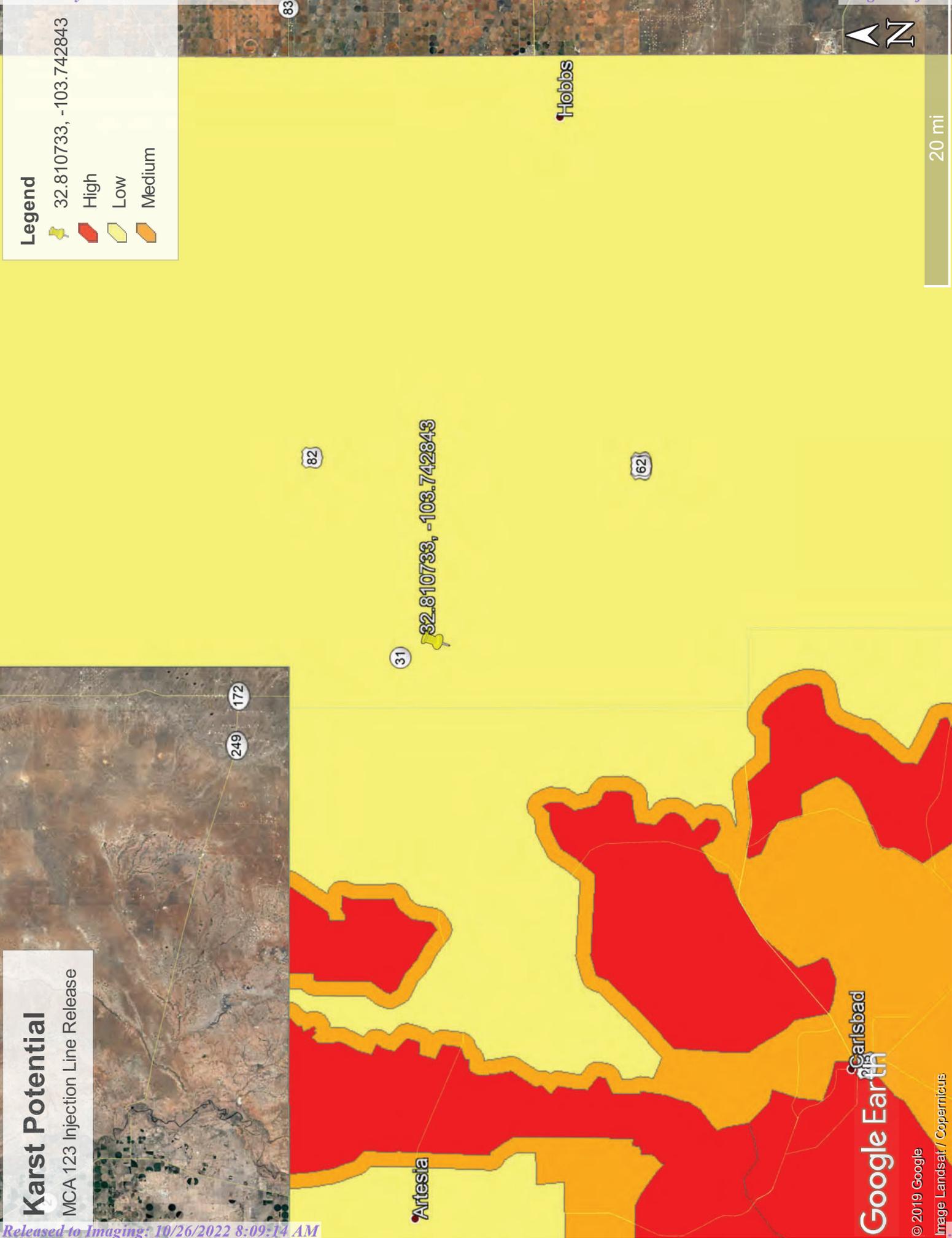
Record Count: 33

PLSS Search:

Township: 17S

Range: 32E

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.



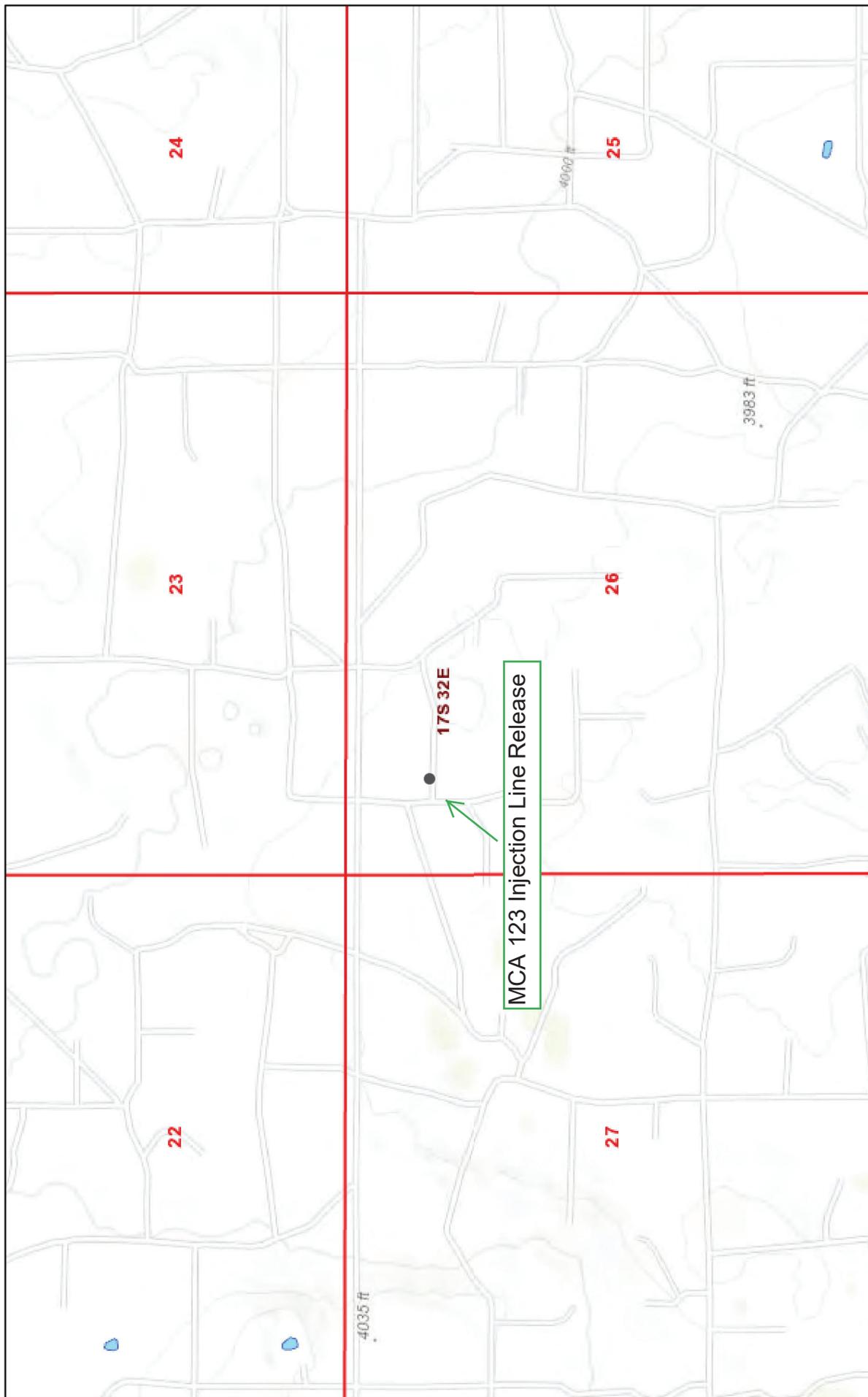
Karst Potential

MCA 123 Injection Line Release

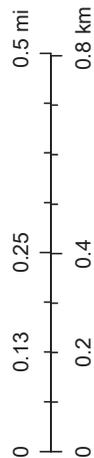
Legend

-  32.810733, -103.742843
-  High
-  Medium
-  Low

MCA 123 Injection Line - Water Bodies



1:18,056



1/23/2020, 1:30:12 PM

- OCD District Offices
- OCD Districts
- PLSS First Division
- PLSS Townships
- OSE Water-bodies
- PLJV Probable Playas
- OSE Streams

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS,

New Mexico Oil and Gas Map. <http://nm-ennrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d0172306164de296d2fb9f835ca75>; New Mexico Oil Conservation Division

APPENDIX C

Laboratory Analytical Data



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 23, 2021

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: COP - MCA -123 INJECTION LINE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 11/22/21 15:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, written over a light gray rectangular background.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	11/22/2021	Sampling Date:	11/22/2021
Reported:	11/23/2021	Sampling Type:	Soil
Project Name:	COP - MCA -123 INJECTION LINE RELEA	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Jodi Henson
Project Location:	COP - LEA CO NM		

Sample ID: FS - 2 (H213364-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/23/2021	ND	1.85	92.6	2.00	7.43		
Toluene*	<0.050	0.050	11/23/2021	ND	1.91	95.3	2.00	6.21		
Ethylbenzene*	<0.050	0.050	11/23/2021	ND	1.96	98.1	2.00	5.88		
Total Xylenes*	<0.150	0.150	11/23/2021	ND	6.02	100	6.00	5.21		
Total BTEX	<0.300	0.300	11/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1360	16.0	11/23/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/23/2021	ND	229	115	200	1.97		
DRO >C10-C28*	<10.0	10.0	11/23/2021	ND	231	116	200	6.86		
EXT DRO >C28-C36	<10.0	10.0	11/23/2021	ND						

Surrogate: 1-Chlorooctane 97.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 103 % 38.9-142

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	11/22/2021	Sampling Date:	11/22/2021
Reported:	11/23/2021	Sampling Type:	Soil
Project Name:	COP - MCA -123 INJECTION LINE RELEA	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Jodi Henson
Project Location:	COP - LEA CO NM		

Sample ID: FS - 3 (H213364-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2021	ND	1.85	92.6	2.00	7.43	
Toluene*	<0.050	0.050	11/23/2021	ND	1.91	95.3	2.00	6.21	
Ethylbenzene*	<0.050	0.050	11/23/2021	ND	1.96	98.1	2.00	5.88	
Total Xylenes*	<0.150	0.150	11/23/2021	ND	6.02	100	6.00	5.21	
Total BTEX	<0.300	0.300	11/23/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/23/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2021	ND	229	115	200	1.97	
DRO >C10-C28*	<10.0	10.0	11/23/2021	ND	231	116	200	6.86	
EXT DRO >C28-C36	<10.0	10.0	11/23/2021	ND					

Surrogate: 1-Chlorooctane 103 % 44.3-133

Surrogate: 1-Chlorooctadecane 107 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	11/22/2021	Sampling Date:	11/22/2021
Reported:	11/23/2021	Sampling Type:	Soil
Project Name:	COP - MCA -123 INJECTION LINE RELEA	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Jodi Henson
Project Location:	COP - LEA CO NM		

Sample ID: FS - 8 (H213364-03)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/23/2021	ND	1.85	92.6	2.00	7.43		
Toluene*	<0.050	0.050	11/23/2021	ND	1.91	95.3	2.00	6.21		
Ethylbenzene*	<0.050	0.050	11/23/2021	ND	1.96	98.1	2.00	5.88		
Total Xylenes*	<0.150	0.150	11/23/2021	ND	6.02	100	6.00	5.21		
Total BTEX	<0.300	0.300	11/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3280	16.0	11/23/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/23/2021	ND	229	115	200	1.97		
DRO >C10-C28*	<10.0	10.0	11/23/2021	ND	231	116	200	6.86		
EXT DRO >C28-C36	<10.0	10.0	11/23/2021	ND						

Surrogate: 1-Chlorooctane 113 % 44.3-133

Surrogate: 1-Chlorooctadecane 117 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	11/22/2021	Sampling Date:	11/22/2021
Reported:	11/23/2021	Sampling Type:	Soil
Project Name:	COP - MCA -123 INJECTION LINE RELEA	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Jodi Henson
Project Location:	COP - LEA CO NM		

Sample ID: ESW - 1 (H213364-04)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2021	ND	1.85	92.6	2.00	7.43	
Toluene*	<0.050	0.050	11/23/2021	ND	1.91	95.3	2.00	6.21	
Ethylbenzene*	<0.050	0.050	11/23/2021	ND	1.96	98.1	2.00	5.88	
Total Xylenes*	<0.150	0.150	11/23/2021	ND	6.02	100	6.00	5.21	
Total BTEX	<0.300	0.300	11/23/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	11/23/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2021	ND	229	115	200	1.97	
DRO >C10-C28*	<10.0	10.0	11/23/2021	ND	231	116	200	6.86	
EXT DRO >C28-C36	<10.0	10.0	11/23/2021	ND					

Surrogate: 1-Chlorooctane 89.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.5 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	11/22/2021	Sampling Date:	11/22/2021
Reported:	11/23/2021	Sampling Type:	Soil
Project Name:	COP - MCA -123 INJECTION LINE RELEA	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Jodi Henson
Project Location:	COP - LEA CO NM		

Sample ID: ESW - 2 (H213364-05)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2021	ND	1.85	92.6	2.00	7.43	
Toluene*	<0.050	0.050	11/23/2021	ND	1.91	95.3	2.00	6.21	
Ethylbenzene*	<0.050	0.050	11/23/2021	ND	1.96	98.1	2.00	5.88	
Total Xylenes*	<0.150	0.150	11/23/2021	ND	6.02	100	6.00	5.21	
Total BTEX	<0.300	0.300	11/23/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	11/23/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2021	ND	229	115	200	1.97	
DRO >C10-C28*	<10.0	10.0	11/23/2021	ND	231	116	200	6.86	
EXT DRO >C28-C36	<10.0	10.0	11/23/2021	ND					

Surrogate: 1-Chlorooctane 95.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 116 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	11/22/2021	Sampling Date:	11/22/2021
Reported:	11/23/2021	Sampling Type:	Soil
Project Name:	COP - MCA -123 INJECTION LINE RELEA	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Jodi Henson
Project Location:	COP - LEA CO NM		

Sample ID: ESW - 3 (H213364-06)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2021	ND	1.85	92.6	2.00	7.43	
Toluene*	<0.050	0.050	11/23/2021	ND	1.91	95.3	2.00	6.21	
Ethylbenzene*	<0.050	0.050	11/23/2021	ND	1.96	98.1	2.00	5.88	
Total Xylenes*	<0.150	0.150	11/23/2021	ND	6.02	100	6.00	5.21	
Total BTEX	<0.300	0.300	11/23/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/23/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2021	ND	222	111	200	0.982	
DRO >C10-C28*	<10.0	10.0	11/22/2021	ND	213	106	200	0.432	
EXT DRO >C28-C36	<10.0	10.0	11/22/2021	ND					

Surrogate: 1-Chlorooctane 75.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.7 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	11/22/2021	Sampling Date:	11/22/2021
Reported:	11/23/2021	Sampling Type:	Soil
Project Name:	COP - MCA -123 INJECTION LINE RELEA	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Jodi Henson
Project Location:	COP - LEA CO NM		

Sample ID: NSW - 4 (H213364-07)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2021	ND	1.85	92.6	2.00	7.43	
Toluene*	<0.050	0.050	11/23/2021	ND	1.91	95.3	2.00	6.21	
Ethylbenzene*	<0.050	0.050	11/23/2021	ND	1.96	98.1	2.00	5.88	
Total Xylenes*	<0.150	0.150	11/23/2021	ND	6.02	100	6.00	5.21	
Total BTEX	<0.300	0.300	11/23/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/23/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2021	ND	222	111	200	0.982	
DRO >C10-C28*	<10.0	10.0	11/22/2021	ND	213	106	200	0.432	
EXT DRO >C28-C36	<10.0	10.0	11/22/2021	ND					

Surrogate: 1-Chlorooctane 80.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.4 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	11/22/2021	Sampling Date:	11/22/2021
Reported:	11/23/2021	Sampling Type:	Soil
Project Name:	COP - MCA -123 INJECTION LINE RELEA	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Jodi Henson
Project Location:	COP - LEA CO NM		

Sample ID: NSW - 2 (H213364-08)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2021	ND	1.85	92.6	2.00	7.43	
Toluene*	<0.050	0.050	11/23/2021	ND	1.91	95.3	2.00	6.21	
Ethylbenzene*	<0.050	0.050	11/23/2021	ND	1.96	98.1	2.00	5.88	
Total Xylenes*	<0.150	0.150	11/23/2021	ND	6.02	100	6.00	5.21	
Total BTEX	<0.300	0.300	11/23/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/23/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2021	ND	222	111	200	0.982	
DRO >C10-C28*	<10.0	10.0	11/22/2021	ND	213	106	200	0.432	
EXT DRO >C28-C36	<10.0	10.0	11/22/2021	ND					

Surrogate: 1-Chlorooctane 84.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.6 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	11/22/2021	Sampling Date:	11/22/2021
Reported:	11/23/2021	Sampling Type:	Soil
Project Name:	COP - MCA -123 INJECTION LINE RELEA	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Jodi Henson
Project Location:	COP - LEA CO NM		

Sample ID: NSW - 3 (H213364-09)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2021	ND	1.85	92.6	2.00	7.43	
Toluene*	<0.050	0.050	11/23/2021	ND	1.91	95.3	2.00	6.21	
Ethylbenzene*	<0.050	0.050	11/23/2021	ND	1.96	98.1	2.00	5.88	
Total Xylenes*	<0.150	0.150	11/23/2021	ND	6.02	100	6.00	5.21	
Total BTEX	<0.300	0.300	11/23/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/23/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2021	ND	222	111	200	0.982	
DRO >C10-C28*	<10.0	10.0	11/23/2021	ND	213	106	200	0.432	
EXT DRO >C28-C36	<10.0	10.0	11/23/2021	ND					

Surrogate: 1-Chlorooctane 85.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.9 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

24 Hr Rush

Page 1 of 1

BILL TO

ANALYSIS REQUEST

Company Name: Canoco Pulpits		P.O. #:		
Project Manager: Christian Lull @ tetratech.com		Company: TT		
Address: Christian Lull @ tetratech.com		Attn: Christian Lull		
City: _____ State: _____ Zip: _____		Address: _____		
Phone #: _____ Fax #: NA		City: _____		
Project #: 212C-MD Project Owner: _____		State: _____ Zip: _____		
Project Name: COF MCA-123 Injection Line Release		Phone #: _____		
Project Location: Lea County, NM		Fax #: _____		
Sampler Name: Andrew Garcia				
FOR LAB USE ONLY				
Lab I.D. H215364	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	
		GROUNDWATER	WASTEWATER	
		SOIL	OIL	
		SLUDGE	OTHER :	
		ACID/BASE:	ICE / COOL	
		OTHER :		
		DATE	TIME	
		TPH	BTEX	Chlorides
		Hold		

1	ES-2	G 1	X	X	X	X	X	X	X										
2	ES-3	G 1	X	X	X	X	X	X	X										
3	ES-8	G 1	X	X	X	X	X	X	X										
4	ESM-1	G 1	X	X	X	X	X	X	X										
5	ESM-2	G 1	X	X	X	X	X	X	X										
6	ESM-3	G 1	X	X	X	X	X	X	X										
7	NSM-4	G 1	X	X	X	X	X	X	X										
8	NSM-2	G 1	X	X	X	X	X	X	X										
9	NSM-3	G 1	X	X	X	X	X	X	X										

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Relinquished By: **Andrew Garcia** Date: **22 Nov 21** Time: **15:10**

Received By: **Jodi Jensen**

Relinquished By: _____ Date: _____ Time: _____

Received By: _____

Delivered By: (Circle One) **5:40 #113** UPS Bus Other: **2:00**

Sample Condition: Cool Intact Yes No

CHECKED BY: _____

Phone Results: Yes No Add'l Phone #: _____

Fax Results: Yes No Add'l Fax #: _____

Email Results to: **Christian.Lull@tetratech.com**



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 24, 2021

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: COP - MCA -123 INJECTION LINE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 11/23/21 13:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder".

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	11/23/2021	Sampling Date:	11/23/2021
Reported:	11/24/2021	Sampling Type:	Soil
Project Name:	COP - MCA -123 INJECTION LINE RELEA	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: NSW - 1 (H213373-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/23/2021	ND	2.03	102	2.00	5.49		
Toluene*	<0.050	0.050	11/23/2021	ND	1.93	96.4	2.00	6.29		
Ethylbenzene*	<0.050	0.050	11/23/2021	ND	1.90	95.0	2.00	6.09		
Total Xylenes*	<0.150	0.150	11/23/2021	ND	5.80	96.6	6.00	5.23		
Total BTEX	<0.300	0.300	11/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/23/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/23/2021	ND	194	97.0	200	25.7		
DRO >C10-C28*	<10.0	10.0	11/23/2021	ND	218	109	200	18.4		
EXT DRO >C28-C36	<10.0	10.0	11/23/2021	ND						

Surrogate: 1-Chlorooctane 96.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 96.3 % 38.9-142

Cardinal Laboratories

* = Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	11/23/2021	Sampling Date:	11/23/2021
Reported:	11/24/2021	Sampling Type:	Soil
Project Name:	COP - MCA -123 INJECTION LINE RELEA	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: WSW - 1 (H213373-02)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/23/2021	ND	2.03	102	2.00	5.49		
Toluene*	<0.050	0.050	11/23/2021	ND	1.93	96.4	2.00	6.29		
Ethylbenzene*	<0.050	0.050	11/23/2021	ND	1.90	95.0	2.00	6.09		
Total Xylenes*	<0.150	0.150	11/23/2021	ND	5.80	96.6	6.00	5.23		
Total BTEX	<0.300	0.300	11/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	11/23/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/23/2021	ND	194	97.0	200	25.7		
DRO >C10-C28*	<10.0	10.0	11/23/2021	ND	218	109	200	18.4		
EXT DRO >C28-C36	<10.0	10.0	11/23/2021	ND						

Surrogate: 1-Chlorooctane 84.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.4 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	11/23/2021	Sampling Date:	11/23/2021
Reported:	11/24/2021	Sampling Type:	Soil
Project Name:	COP - MCA -123 INJECTION LINE RELEA	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: WSW - 2 (H213373-03)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/23/2021	ND	2.03	102	2.00	5.49		
Toluene*	<0.050	0.050	11/23/2021	ND	1.93	96.4	2.00	6.29		
Ethylbenzene*	<0.050	0.050	11/23/2021	ND	1.90	95.0	2.00	6.09		
Total Xylenes*	<0.150	0.150	11/23/2021	ND	5.80	96.6	6.00	5.23		
Total BTEX	<0.300	0.300	11/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/23/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/23/2021	ND	194	97.0	200	25.7		
DRO >C10-C28*	<10.0	10.0	11/23/2021	ND	218	109	200	18.4		
EXT DRO >C28-C36	<10.0	10.0	11/23/2021	ND						

Surrogate: 1-Chlorooctane 89.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.3 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	11/23/2021	Sampling Date:	11/23/2021
Reported:	11/24/2021	Sampling Type:	Soil
Project Name:	COP - MCA -123 INJECTION LINE RELEA	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: WSW - 3 (H213373-04)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/23/2021	ND	2.03	102	2.00	5.49		
Toluene*	<0.050	0.050	11/23/2021	ND	1.93	96.4	2.00	6.29		
Ethylbenzene*	<0.050	0.050	11/23/2021	ND	1.90	95.0	2.00	6.09		
Total Xylenes*	<0.150	0.150	11/23/2021	ND	5.80	96.6	6.00	5.23		
Total BTEX	<0.300	0.300	11/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/23/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/23/2021	ND	194	97.0	200	25.7		
DRO >C10-C28*	<10.0	10.0	11/23/2021	ND	218	109	200	18.4		
EXT DRO >C28-C36	<10.0	10.0	11/23/2021	ND						

Surrogate: 1-Chlorooctane 85.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.5 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	11/23/2021	Sampling Date:	11/23/2021
Reported:	11/24/2021	Sampling Type:	Soil
Project Name:	COP - MCA -123 INJECTION LINE RELEA	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: WSW - 4 (H213373-05)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2021	ND	2.03	102	2.00	5.49	
Toluene*	<0.050	0.050	11/23/2021	ND	1.93	96.4	2.00	6.29	
Ethylbenzene*	<0.050	0.050	11/23/2021	ND	1.90	95.0	2.00	6.09	
Total Xylenes*	<0.150	0.150	11/23/2021	ND	5.80	96.6	6.00	5.23	
Total BTEX	<0.300	0.300	11/23/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/23/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2021	ND	194	97.0	200	25.7	
DRO >C10-C28*	<10.0	10.0	11/23/2021	ND	218	109	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	11/23/2021	ND					

Surrogate: 1-Chlorooctane 84.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.5 % 38.9-142

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*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	11/23/2021	Sampling Date:	11/23/2021
Reported:	11/24/2021	Sampling Type:	Soil
Project Name:	COP - MCA -123 INJECTION LINE RELEA	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: SSW - 1 (H213373-06)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2021	ND	2.03	102	2.00	5.49	
Toluene*	<0.050	0.050	11/23/2021	ND	1.93	96.4	2.00	6.29	
Ethylbenzene*	<0.050	0.050	11/23/2021	ND	1.90	95.0	2.00	6.09	
Total Xylenes*	<0.150	0.150	11/23/2021	ND	5.80	96.6	6.00	5.23	
Total BTEX	<0.300	0.300	11/23/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	11/23/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2021	ND	194	97.0	200	25.7	
DRO >C10-C28*	<10.0	10.0	11/23/2021	ND	218	109	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	11/23/2021	ND					

Surrogate: 1-Chlorooctane 80.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.9 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	11/23/2021	Sampling Date:	11/23/2021
Reported:	11/24/2021	Sampling Type:	Soil
Project Name:	COP - MCA -123 INJECTION LINE RELEA	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: SSW - 2 (H213373-07)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2021	ND	2.03	102	2.00	5.49	
Toluene*	<0.050	0.050	11/23/2021	ND	1.93	96.4	2.00	6.29	
Ethylbenzene*	<0.050	0.050	11/23/2021	ND	1.90	95.0	2.00	6.09	
Total Xylenes*	<0.150	0.150	11/23/2021	ND	5.80	96.6	6.00	5.23	
Total BTEX	<0.300	0.300	11/23/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	11/23/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2021	ND	194	97.0	200	25.7	
DRO >C10-C28*	<10.0	10.0	11/23/2021	ND	218	109	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	11/23/2021	ND					

Surrogate: 1-Chlorooctane 78.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.5 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	11/23/2021	Sampling Date:	11/23/2021
Reported:	11/24/2021	Sampling Type:	Soil
Project Name:	COP - MCA -123 INJECTION LINE RELEA	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: SSW - 3 (H213373-08)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2021	ND	2.03	102	2.00	5.49	
Toluene*	<0.050	0.050	11/23/2021	ND	1.93	96.4	2.00	6.29	
Ethylbenzene*	<0.050	0.050	11/23/2021	ND	1.90	95.0	2.00	6.09	
Total Xylenes*	<0.150	0.150	11/23/2021	ND	5.80	96.6	6.00	5.23	
Total BTEX	<0.300	0.300	11/23/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/23/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2021	ND	194	97.0	200	25.7	
DRO >C10-C28*	<10.0	10.0	11/23/2021	ND	218	109	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	11/23/2021	ND					

Surrogate: 1-Chlorooctane 81.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.4 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	11/23/2021	Sampling Date:	11/23/2021
Reported:	11/24/2021	Sampling Type:	Soil
Project Name:	COP - MCA -123 INJECTION LINE RELEA	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: SSW - 4 (H213373-09)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2021	ND	2.03	102	2.00	5.49	
Toluene*	<0.050	0.050	11/23/2021	ND	1.93	96.4	2.00	6.29	
Ethylbenzene*	<0.050	0.050	11/23/2021	ND	1.90	95.0	2.00	6.09	
Total Xylenes*	<0.150	0.150	11/23/2021	ND	5.80	96.6	6.00	5.23	
Total BTEX	<0.300	0.300	11/23/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/23/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2021	ND	194	97.0	200	25.7	
DRO >C10-C28*	<10.0	10.0	11/23/2021	ND	218	109	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	11/23/2021	ND					

Surrogate: 1-Chlorooctane 83.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.6 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	11/23/2021	Sampling Date:	11/23/2021
Reported:	11/24/2021	Sampling Type:	Soil
Project Name:	COP - MCA -123 INJECTION LINE RELEA	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FS - 1 (H213373-10)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2021	ND	2.03	102	2.00	5.49	
Toluene*	<0.050	0.050	11/23/2021	ND	1.93	96.4	2.00	6.29	
Ethylbenzene*	<0.050	0.050	11/23/2021	ND	1.90	95.0	2.00	6.09	
Total Xylenes*	<0.150	0.150	11/23/2021	ND	5.80	96.6	6.00	5.23	
Total BTEX	<0.300	0.300	11/23/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1630	16.0	11/23/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2021	ND	194	97.0	200	25.7	
DRO >C10-C28*	<10.0	10.0	11/23/2021	ND	218	109	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	11/23/2021	ND					

Surrogate: 1-Chlorooctane 89.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.1 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	11/23/2021	Sampling Date:	11/23/2021
Reported:	11/24/2021	Sampling Type:	Soil
Project Name:	COP - MCA -123 INJECTION LINE RELEA	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FS - 4 (H213373-11)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/23/2021	ND	2.03	102	2.00	5.49		
Toluene*	<0.050	0.050	11/23/2021	ND	1.93	96.4	2.00	6.29		
Ethylbenzene*	<0.050	0.050	11/23/2021	ND	1.90	95.0	2.00	6.09		
Total Xylenes*	<0.150	0.150	11/23/2021	ND	5.80	96.6	6.00	5.23		
Total BTEX	<0.300	0.300	11/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4080	16.0	11/23/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/23/2021	ND	194	97.0	200	25.7		
DRO >C10-C28*	<10.0	10.0	11/23/2021	ND	218	109	200	18.4		
EXT DRO >C28-C36	<10.0	10.0	11/23/2021	ND						

Surrogate: 1-Chlorooctane 73.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 71.3 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	11/23/2021	Sampling Date:	11/23/2021
Reported:	11/24/2021	Sampling Type:	Soil
Project Name:	COP - MCA -123 INJECTION LINE RELEA	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FS - 5 (H213373-12)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2021	ND	2.03	102	2.00	5.49	
Toluene*	<0.050	0.050	11/23/2021	ND	1.93	96.4	2.00	6.29	
Ethylbenzene*	<0.050	0.050	11/23/2021	ND	1.90	95.0	2.00	6.09	
Total Xylenes*	<0.150	0.150	11/23/2021	ND	5.80	96.6	6.00	5.23	
Total BTEX	<0.300	0.300	11/23/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1880	16.0	11/23/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2021	ND	194	97.0	200	25.7	
DRO >C10-C28*	<10.0	10.0	11/23/2021	ND	218	109	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	11/23/2021	ND					

Surrogate: 1-Chlorooctane 91.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 89.5 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	11/23/2021	Sampling Date:	11/23/2021
Reported:	11/24/2021	Sampling Type:	Soil
Project Name:	COP - MCA -123 INJECTION LINE RELEA	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FS - 6 (H213373-13)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/23/2021	ND	2.03	102	2.00	5.49		
Toluene*	<0.050	0.050	11/23/2021	ND	1.93	96.4	2.00	6.29		
Ethylbenzene*	<0.050	0.050	11/23/2021	ND	1.90	95.0	2.00	6.09		
Total Xylenes*	<0.150	0.150	11/23/2021	ND	5.80	96.6	6.00	5.23		
Total BTEX	<0.300	0.300	11/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	480	16.0	11/23/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/23/2021	ND	194	97.0	200	25.7		
DRO >C10-C28*	<10.0	10.0	11/23/2021	ND	218	109	200	18.4		
EXT DRO >C28-C36	<10.0	10.0	11/23/2021	ND						

Surrogate: 1-Chlorooctane 88.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.8 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	11/23/2021	Sampling Date:	11/23/2021
Reported:	11/24/2021	Sampling Type:	Soil
Project Name:	COP - MCA -123 INJECTION LINE RELEA	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FS - 7 (H213373-14)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/23/2021	ND	2.03	102	2.00	5.49		
Toluene*	<0.050	0.050	11/23/2021	ND	1.93	96.4	2.00	6.29		
Ethylbenzene*	<0.050	0.050	11/23/2021	ND	1.90	95.0	2.00	6.09		
Total Xylenes*	<0.150	0.150	11/23/2021	ND	5.80	96.6	6.00	5.23		
Total BTEX	<0.300	0.300	11/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3160	16.0	11/23/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/23/2021	ND	194	97.0	200	25.7		
DRO >C10-C28*	<10.0	10.0	11/23/2021	ND	218	109	200	18.4		
EXT DRO >C28-C36	<10.0	10.0	11/23/2021	ND						

Surrogate: 1-Chlorooctane 95.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.1 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	11/23/2021	Sampling Date:	11/23/2021
Reported:	11/24/2021	Sampling Type:	Soil
Project Name:	COP - MCA -123 INJECTION LINE RELEA	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FS - 9 (H213373-15)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/23/2021	ND	2.03	102	2.00	5.49		
Toluene*	<0.050	0.050	11/23/2021	ND	1.93	96.4	2.00	6.29		
Ethylbenzene*	<0.050	0.050	11/23/2021	ND	1.90	95.0	2.00	6.09		
Total Xylenes*	<0.150	0.150	11/23/2021	ND	5.80	96.6	6.00	5.23		
Total BTEX	<0.300	0.300	11/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2520	16.0	11/23/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/24/2021	ND	194	97.0	200	25.7		
DRO >C10-C28*	<10.0	10.0	11/24/2021	ND	218	109	200	18.4		
EXT DRO >C28-C36	<10.0	10.0	11/24/2021	ND						

Surrogate: 1-Chlorooctane 104 % 44.3-133

Surrogate: 1-Chlorooctadecane 102 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	11/23/2021	Sampling Date:	11/23/2021
Reported:	11/24/2021	Sampling Type:	Soil
Project Name:	COP - MCA -123 INJECTION LINE RELEA	Sampling Condition:	Cool & Intact
Project Number:	212C - MD -	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: FS - 10 (H213373-16)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2021	ND	2.03	102	2.00	5.49	
Toluene*	<0.050	0.050	11/23/2021	ND	1.93	96.4	2.00	6.29	
Ethylbenzene*	<0.050	0.050	11/23/2021	ND	1.90	95.0	2.00	6.09	
Total Xylenes*	<0.150	0.150	11/23/2021	ND	5.80	96.6	6.00	5.23	
Total BTEX	<0.300	0.300	11/23/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1060	16.0	11/23/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/24/2021	ND	194	97.0	200	25.7	
DRO >C10-C28*	<10.0	10.0	11/24/2021	ND	218	109	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	11/24/2021	ND					

Surrogate: 1-Chlorooctane 96.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.2 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

24 Hour Rush

101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

BILL TO

ANALYSIS REQUEST

Company Name: ConocoPhillips
 Project Manager: Christian Lull
 Address: christian.lull@tetatech.com
 City: _____ State: _____ Zip: _____
 P.O. #: _____ Company: Tetra Tech
 Attn: Christian Lull
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: NA
 Project #: _____ Project Owner: _____
 Project Name: ConocoPhillips MCA123 Injection Line Release
 Project Location: Lea County, New Mexico
 Sampler Name: See Tyler
 Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH	BTEX	Chlorides	Hold
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :						
<u>H&I3373</u>	<u>NSLD-1</u>	<u>G</u>	<u>1</u>			<u>X</u>				<u>X</u>					
<u>1</u>	<u>NSLD-1</u>	<u>G</u>	<u>1</u>			<u>X</u>			<u>11-23-21</u>	<u>0900</u>	<u>X</u>				
<u>2</u>	<u>WSLD-1</u>	<u>G</u>	<u>1</u>			<u>X</u>				<u>0910</u>	<u>X</u>				
<u>3</u>	<u>WSLD-2</u>	<u>G</u>	<u>1</u>			<u>X</u>				<u>0930</u>	<u>X</u>				
<u>4</u>	<u>WSLD-3</u>	<u>G</u>	<u>1</u>			<u>X</u>				<u>0930</u>	<u>X</u>				
<u>5</u>	<u>WSLD-4</u>	<u>G</u>	<u>1</u>			<u>X</u>				<u>0940</u>	<u>X</u>				
<u>6</u>	<u>SSLD-1</u>	<u>G</u>	<u>1</u>			<u>X</u>				<u>1000</u>	<u>X</u>				
<u>7</u>	<u>SSLD-2</u>	<u>G</u>	<u>1</u>			<u>X</u>				<u>1010</u>	<u>X</u>				
<u>8</u>	<u>SSLD-3</u>	<u>G</u>	<u>1</u>			<u>X</u>				<u>1030</u>	<u>X</u>				
<u>9</u>	<u>SSLD-4</u>	<u>G</u>	<u>1</u>			<u>X</u>				<u>1030</u>	<u>X</u>				
<u>10</u>	<u>FS-1</u>	<u>G</u>	<u>1</u>			<u>X</u>				<u>1100</u>	<u>X</u>				

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Relinquished By: See Tyler Date: 11-23-2021 Time: 1300
 Received By: Lawrence K. Adams
 Relinquished By: _____ Date: _____ Time: _____
 Received By: _____

Delivered By: (Circle One) 30c C-O-S
 Sampler - UPS - Bus - Other: 2.5c #113
 Sample Condition: Cool Intact
 Yes No
 CHECKED BY: TP (Initials)

Phone Results: Yes No Add'l Phone #: _____
 Fax Results: Yes No Add'l Fax #: _____
 Email Results to: Christian Lull



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 30, 2021

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: COP - MCA -123 INJECTION LINE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 11/29/21 15:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	11/29/2021	Sampling Date:	11/29/2021
Reported:	11/30/2021	Sampling Type:	Soil
Project Name:	COP - MCA -123 INJECTION LINE RELEA	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: ESW - 1 (24") (H213403-01)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2021	ND	1.77	88.5	2.00	0.158	
Toluene*	<0.050	0.050	11/30/2021	ND	1.84	92.2	2.00	0.941	
Ethylbenzene*	<0.050	0.050	11/30/2021	ND	1.89	94.5	2.00	1.25	
Total Xylenes*	<0.150	0.150	11/30/2021	ND	5.77	96.1	6.00	1.51	
Total BTEX	<0.300	0.300	11/30/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/30/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2021	ND	205	102	200	3.81	
DRO >C10-C28*	<10.0	10.0	11/30/2021	ND	188	93.8	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	11/30/2021	ND					

Surrogate: 1-Chlorooctane 73.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 70.6 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

TETRA TECH
 CHRISTIAN LLULL
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	11/29/2021	Sampling Date:	11/29/2021
Reported:	11/30/2021	Sampling Type:	Soil
Project Name:	COP - MCA -123 INJECTION LINE RELEA	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

Sample ID: ESW - 2 (36") (H213403-02)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/30/2021	ND	1.77	88.5	2.00	0.158	
Toluene*	<0.050	0.050	11/30/2021	ND	1.84	92.2	2.00	0.941	
Ethylbenzene*	<0.050	0.050	11/30/2021	ND	1.89	94.5	2.00	1.25	
Total Xylenes*	<0.150	0.150	11/30/2021	ND	5.77	96.1	6.00	1.51	
Total BTEX	<0.300	0.300	11/30/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/30/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/30/2021	ND	205	102	200	3.81	
DRO >C10-C28*	<10.0	10.0	11/30/2021	ND	188	93.8	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	11/30/2021	ND					

Surrogate: 1-Chlorooctane 71.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 67.2 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

24 Hour Rush

Page 01 of 01

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: <u>Carace Phillips</u>		P.O. #:																
Project Manager: <u>Christina Wall</u>		Company: <u>Texas Tech</u>																
Address: <u>christina.wall@tstotech.com</u>		Attn: <u>PM (Christina)</u>																
City: _____ State: _____ Zip: _____		Address: _____																
Phone #: _____ Fax #: NA		City: _____																
Project #: _____ Project Owner: _____		State: _____ Zip: _____																
Project Name: <u>Carace Phillips MCL 03 Engineered Linc Release</u>		Phone #: _____																
Project Location: <u>Lea County, New Mexico</u>		Fax #: _____																
Sampler Name: <u>Steve Tyler</u>	FOR LAB USE ONLY	MATRIX	PRESERV	SAMPLING														
Lab I.D.:	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	TPH	BTEX	Chlorides	Hold
<u>H213403</u>	<u>ESW-1 (24")</u>	<u>G</u>	<u>1</u>	<u>X</u>		<u>X</u>							<u>11-29-21</u>	<u>1300</u>	<u>X</u>	<u>X</u>	<u>X</u>	
<u>2</u>	<u>ESW-2 (36")</u>	<u>G</u>	<u>1</u>	<u>X</u>		<u>X</u>							<u>11-29-21</u>	<u>1330</u>	<u>X</u>	<u>X</u>	<u>X</u>	

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: _____ Date: 11-29-21 Received By: Christina Wall Date: 11-29-21

Delivered By: (Circle One) UPS 15.9¢ 0-0.5¢ Sample Condition Cool Intact Yes No No

Sampler - UPS - Bus - Other: 15.4¢ #113 TD. CHECKED BY: _____ (Initials)

Phone Results: Yes No Add'l Phone #: _____
 Fax Results: Yes No Add'l Fax #: _____
 Email Results to: Christina Wall

+ Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

APPENDIX D BLM Correspondence

Llull, Christian

From: Tucker, Shelly J <stucker@blm.gov>
Sent: Tuesday, November 09, 2021 3:02 PM
To: Llull, Christian
Subject: Re: [EXTERNAL] Request for Approval - Remediation (nJXK1621825385) MCA 123

⚠ CAUTION: This email originated from an external sender. Verify the source before opening links or attachments. ⚠

BLM hereby approves the submitted proposal as written. BLM requires seed mix 2 - LPC.

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

Shelly J Tucker

Environmental Protection Specialist
Realty

Bureau of Land Management
620 E. Greene St
Carlsbad, NM 88220

575.234.5706 - Direct
575.200.0614

stucker@blm.gov

From: Llull, Christian <Christian.Llull@tetrattech.com>
Sent: Thursday, November 4, 2021 2:22 PM
To: Tucker, Shelly J <stucker@blm.gov>
Subject: [EXTERNAL] Request for Approval - Remediation (nJXK1621825385) MCA 123

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Shelly:

Requesting like approval for site remediation from BLM.
MCA Unit #123 Injection Line Release Remediation.

Attached is the NMOCD approved WP.
Attached is the NMOCD approval email.
.kmz attached.
Details below.

Tetra Tech is assisting with remediation of a previously reported unplanned release with the NMOCD. The Release Characterization Work Plan was submitted to NMOCD (with appropriate fee) on 2/22/2021. NMOCD has approved the Workplan/Remediation proposal via email dated 9/7/2021. The approved Work Plan states ConocoPhillips proposes to begin remediation activities at the Site within 90 days of NMOCD plan approval, which is a deadline of **12/5/2021**.

In order to complete the remediation we are requesting verbal approval to proceed with remediation at the location listed below.

The figures from the WP are attached.

Aerial image below indicates the location to be adjacent to or in previously disturbed areas.

Please let me know if you require any other permitting or compliance items in addition to this email approval before we begin work.

Name of Release: MCA 123 Injection Line Release

ConocoPhillips

MCA Unit #123 Injection Line Release

Unit Letter D, Section 26, Township 17 South, Range 32 East

Lea County, New Mexico

1RP-4388

Incident ID nJXK1621825385

Approximate Release Location: 32.810736°, -103.742846°

Date Release Discovered: August 4, 2016

Closest Well and Location: API 30-025-00705 / Well Name: MCA UNIT #123

Volume Released: The leak resulted in a release of 20 barrels (bbls) of produced water, of which 15 bbls were recovered with a vacuum truck.

The C-141 describes the affected area as an 8-inch deep 20-foot (ft) by 20-ft area of pasture.

The observed impacted area in the field is approximately 4,800 square feet.

Remediation will be conducted by backhoes and track hoes, and by hand shovels due in areas of buried flowlines.

Please let me know at your earliest convenience that we can proceed.

Thank you very much for your time on this request.

Christian

512-565-0190



Christian Llull, P.G. | Program Manager
Direct +1 (512) 338-2861 | Business +1 (512) 338-1667 | Fax +1 (512) 338-1331 | christian.llull@tetrattech.com

Tetra Tech | *Leading with Science*® | OGA
8911 N. Capital of Texas Highway | Bldg. 2, Suite 2310 | Austin, TX 78759 | tetrattech.com

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 Please consider the environment before printing. [Read more](#)



APPENDIX E

Photographic Documentation



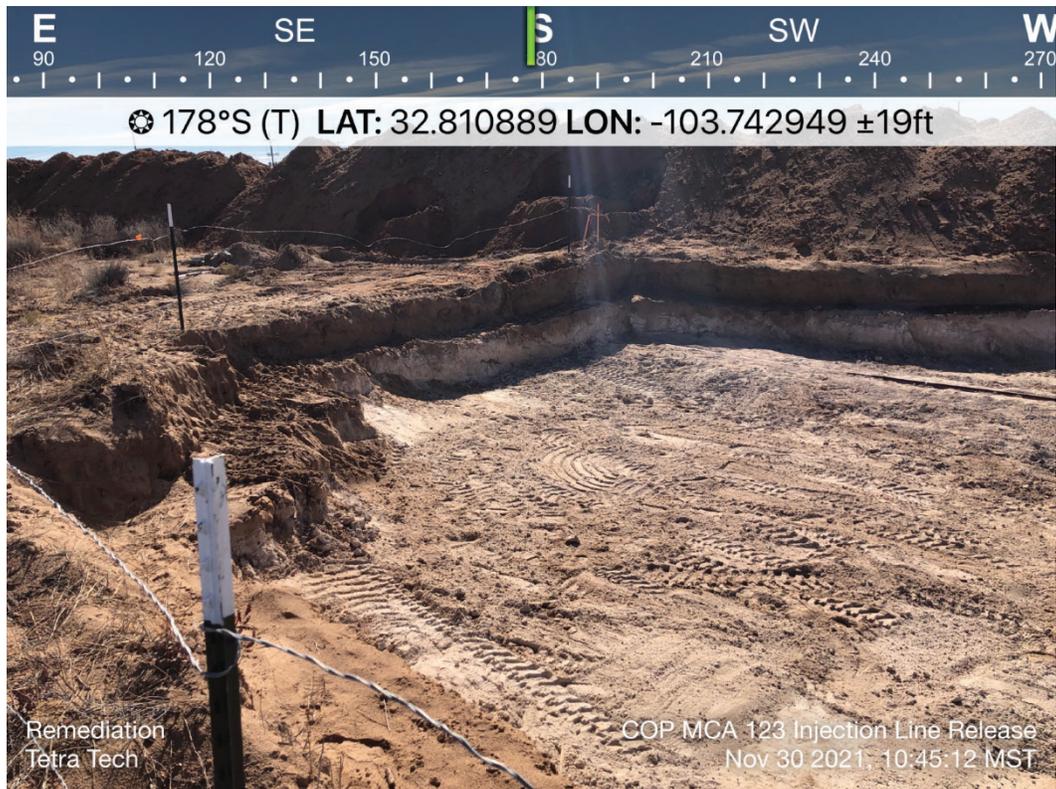
TETRA TECH, INC. PROJECT NO. 212C-MD-02067	DESCRIPTION	View southeast. 4' excavation and buried line.	1
	SITE NAME	ConocoPhillips MCA 123 Injection Line Release	11/30/2021



TETRA TECH, INC. PROJECT NO. 212C-MD-02067	DESCRIPTION	View south. 4' excavation and buried line.	2
	SITE NAME	ConocoPhillips MCA 123 Injection Line Release	11/30/2021



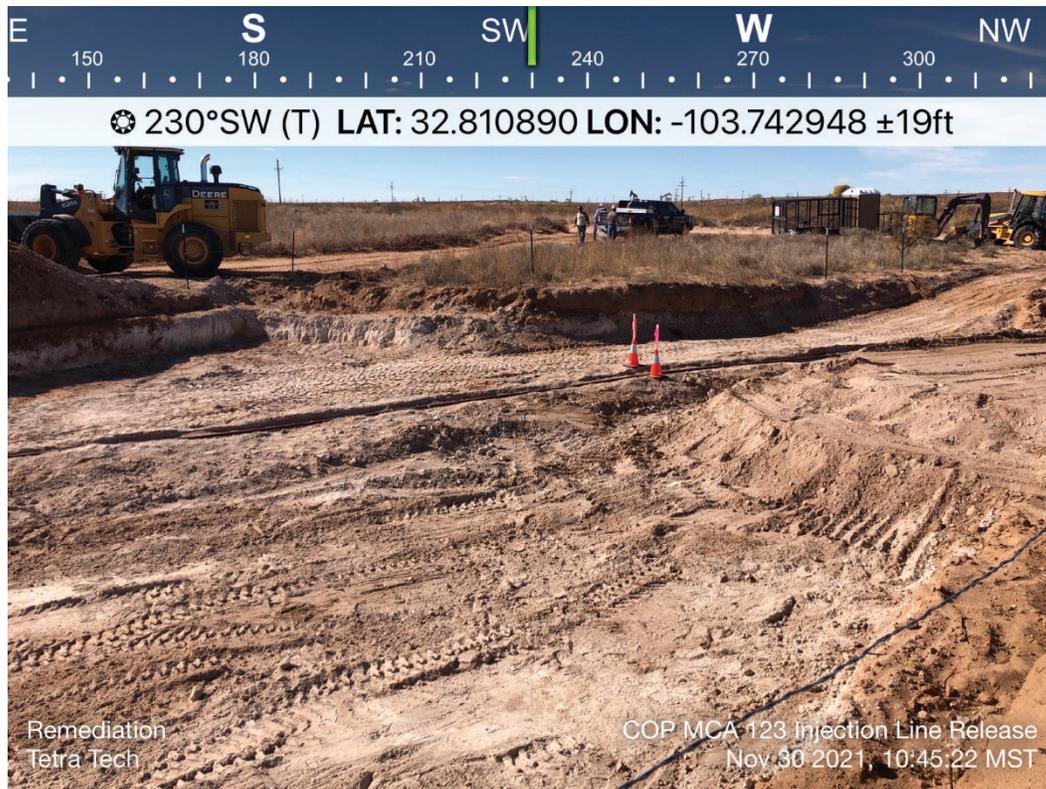
TETRA TECH, INC. PROJECT NO. 212C-MD-02067	DESCRIPTION	View south southwest. 4' excavation and buried line.	3
	SITE NAME	ConocoPhillips MCA 123 Injection Line Release	11/30/2021



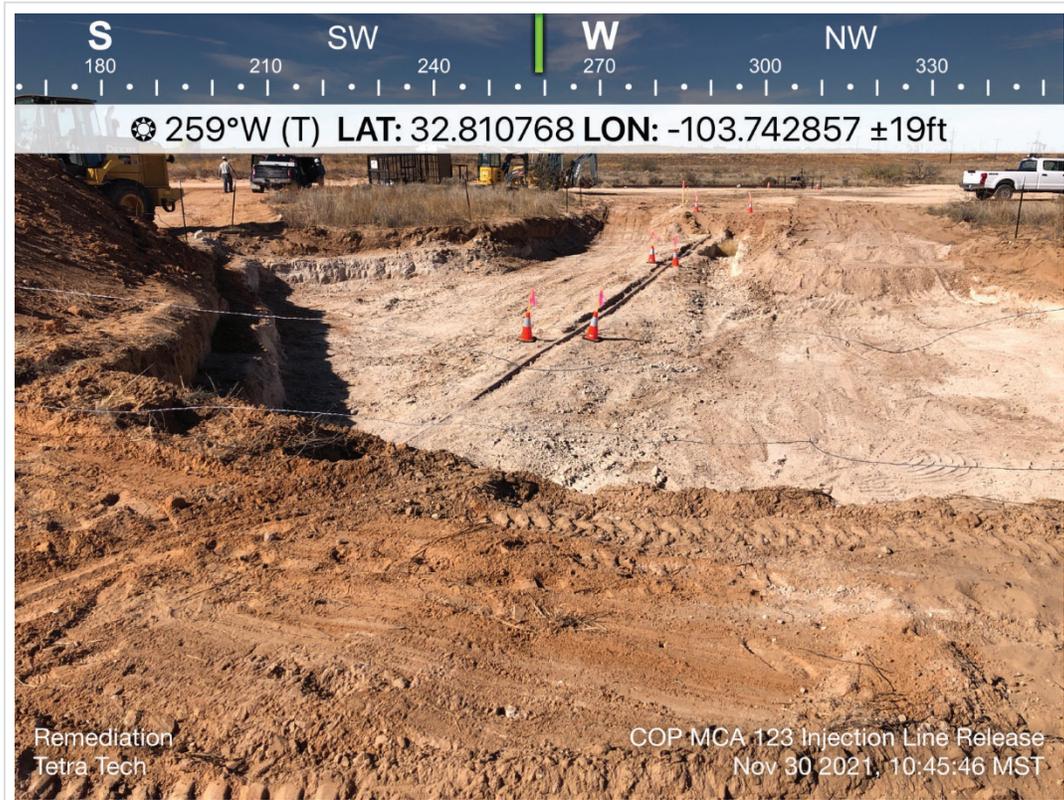
TETRA TECH, INC. PROJECT NO. 212C-MD-02067	DESCRIPTION	View south. 4' excavation.	4
	SITE NAME	ConocoPhillips MCA 123 Injection Line Release	11/30/2021



TETRA TECH, INC. PROJECT NO. 212C-MD-02067	DESCRIPTION	View south southwest. 4' excavation and buried line.	5
	SITE NAME	ConocoPhillips MCA 123 Injection Line Release	11/30/2021



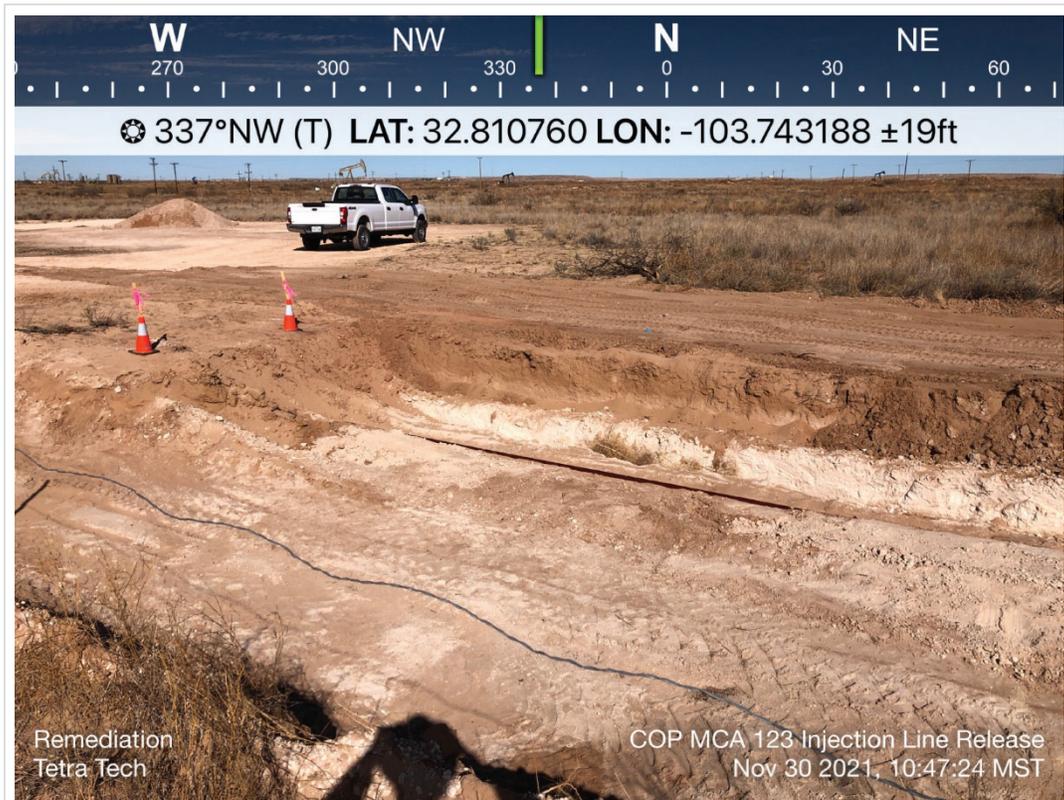
TETRA TECH, INC. PROJECT NO. 212C-MD-02067	DESCRIPTION	View southwest. 4' excavation and buried line.	6
	SITE NAME	ConocoPhillips MCA 123 Injection Line Release	11/30/2021



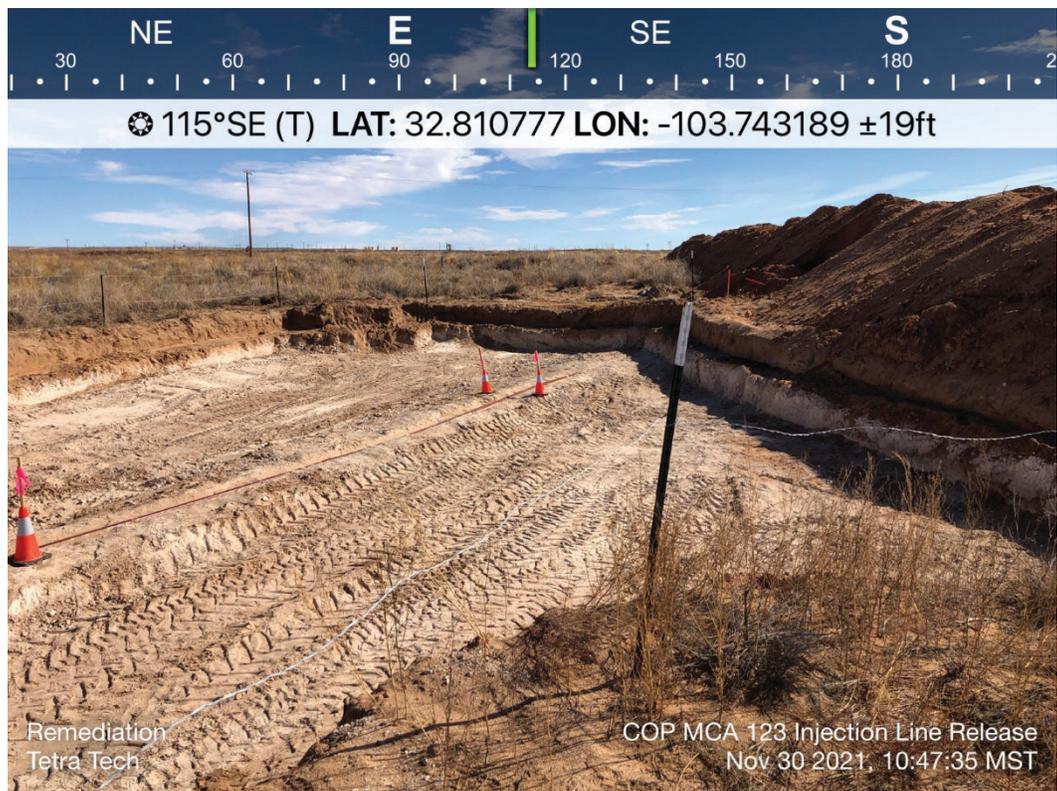
TETRA TECH, INC. PROJECT NO. 212C-MD-02067	DESCRIPTION	View west. 4' excavation and buried line.	7
	SITE NAME	ConocoPhillips MCA 123 Injection Line Release	11/30/2021



TETRA TECH, INC. PROJECT NO. 212C-MD-02067	DESCRIPTION	View north northwest. 4' excavation and buried line.	8
	SITE NAME	ConocoPhillips MCA 123 Injection Line Release	11/30/2021



TETRA TECH, INC. PROJECT NO. 212C-MD-02067	DESCRIPTION	View north northwest. 4' excavation and buried line.	9
	SITE NAME	ConocoPhillips MCA 123 Injection Line Release	11/30/2021



TETRA TECH, INC. PROJECT NO. 212C-MD-02067	DESCRIPTION	View east southeast. 4' excavation and buried line.	10
	SITE NAME	ConocoPhillips MCA 123 Injection Line Release	11/30/2021

APPENDIX F Waste Manifests



Permian Basin

Customer: CONOCOPHILLIPS
Customer #: CRI2190
Ordered by: JOE TYLER
AFE #:
PO #:
Manifest #: 1
Manif. Date: 11/18/2021
Hauler: MCNABB PARTNERS
Driver: JESUS
Truck #: M33
Card #:
Job Ref #

Ticket #: 700-1251507
Bid #: O6UJ9A000HH0
Date: 11/18/2021
Generator: CONOCOPHILLIPS
Generator #:
Well Ser. #: 999908
Well Name: MCA 123 INJECTION LINE RE
Well #:
Field:
Field #:
Rig: NON-DRILLING
County: LEA (NM)

Facility: CRI

Table with 2 columns: Product / Service, Quantity Units. Row: Contaminated Soil (RCRA Exempt), 15.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- X RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended.
MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/ Agent Signature R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____



Permian Basin

Customer: CONOCOPHILLIPS
Customer #: CRI2190
Ordered by: JOE TYLER
AFE #:
PO #:
Manifest #: 2
Manif. Date: 11/18/2021
Hauler: MCNABB PARTNERS
Driver: JESUS
Truck #: M33
Card #:
Job Ref #

Ticket #: 700-1251551
Bid #: O6UJ9A000HHO
Date: 11/18/2021
Generator: CONOCOPHILLIPS
Generator #:
Well Ser. #: 999908
Well Name: MCA 123 INJECTION LINE RE
Well #:
Field:
Field #:
Rig: NON-DRILLING
County: LEA (NM)

Facility: CRI

Table with 2 columns: Product / Service, Quantity Units. Row 1: Contaminated Soil (RCRA Exempt), 15.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:
[X] RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
[] RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
[] MSDS Information [] RCRA Hazardous Waste Analysis [] Process Knowledge [] Other (Provide description above)

Driver/ Agent Signature R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____ [Signature]



Permian Basin

Customer: CONOCOPHILLIPS
Customer #: CRI2190
Ordered by: JOE TYLER
AFE #:
PO #:
Manifest #: 3
Manif. Date: 11/18/2021
Hauler: MCNABB PARTNERS
Driver: JR
Truck #: M76
Card #:
Job Ref #

Ticket #: 700-1251562
Bid #: O6UJ9A000HH0
Date: 11/18/2021
Generator: CONOCOPHILLIPS
Generator #:
Well Ser. #: 999908
Well Name: MCA 123 INJECTION LINE RE
Well #:
Field:
Field #:
Rig: NON-DRILLING
County: LEA (NM)

Facility: CRI

Table with 2 columns: Product / Service, Quantity Units. Row: Contaminated Soil (RCRA Exempt), 18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:
[X] RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
[] RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
[] MSDS Information [] RCRA Hazardous Waste Analysis [] Process Knowledge [] Other (Provide description above)

Driver/ Agent Signature R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JOE TYLER
 AFE #:
 PO #:
 Manifest #: 4
 Manif. Date: 11/19/2021
 Hauler: MCNABB PARTNERS
 Driver: JR
 Truck #: M76
 Card #
 Job Ref #

Ticket #: 700-1251755
 Bid #: O6UJ9A000HH0
 Date: 11/19/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: MCA 123 INJECTION LINE RE
 Well #:
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
 - MSDS Information
 - RCRA Hazardous Waste Analysis
 - Process Knowledge
 - Other (Provide description above)

Driver/ Agent Signature _____ **R360 Representative Signature** _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____



Permian Basin

Customer: CONOCOPHILLIPS
Customer #: CRI2190
Ordered by: JOE TYLER
AFE #:
PO #:
Manifest #: 5
Manif. Date: 11/19/2021
Hauler: MCNABB PARTNERS
Driver: JOSH
Truck #: M75
Card #:
Job Ref #

Ticket #: 700-1251751
Bid #: O6UJ9A000HH0
Date: 11/19/2021
Generator: CONOCOPHILLIPS
Generator #:
Well Ser. #: 999908
Well Name: MCA 123 INJECTION LINE RE
Well #:
Field:
Field #:
Rig: NON-DRILLING
County: LEA (NM)

Facility: CRI

Table with 2 columns: Product / Service, Quantity Units. Row: Contaminated Soil (RCRA Exempt), 18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended.
MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/ Agent Signature R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____



Customer: CONOCOPHILLIPS
Customer #: CRI2190
Ordered by: JOE TYLER
AFE #:
PO #:
Manifest #: 6
Manif. Date: 11/19/2021
Hauler: MCNABB PARTNERS
Driver: JOSH
Truck #: M75
Card #:
Job Ref #

Ticket #: 700-1251790
Bid #: O6UJ9A000HH0
Date: 11/19/2021
Generator: CONOCOPHILLIPS
Generator #:
Well Ser. #: 999908
Well Name: MCA 123 INJECTION LINE RE
Well #:
Field:
Field #:
Rig: NON-DRILLING
County: LEA (NM)

Permian Basin

Facility: CRI

Table with 2 columns: Product / Service, Quantity Units. Row 1: Contaminated Soil (RCRA Exempt), 18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended.
MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/ Agent Signature R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____ [Signature]



Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JOE TYLER
 AFE #:
 PO #:
 Manifest #: 7
 Manif. Date: 11/19/2021
 Hauler: MCNABB PARTNERS
 Driver: JR
 Truck #: M76
 Card #
 Job Ref #

Ticket #: 700-1251792
 Bid #: O6UJ9A000HH0
 Date: 11/19/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: MCA 123 INJECTION LINE RE
 Well #:
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/ Agent Signature	R360 Representative Signature
-------------------------	-------------------------------

_____	_____
-------	-------

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JOE TYLER
 AFE #:
 PO #:
 Manifest #: 8
 Manif. Date: 11/22/2021
 Hauler: MCNABB PARTNERS
 Driver: JR
 Truck #: M76
 Card #
 Job Ref #

Ticket #: 700-1252305
 Bid #: O6UJ9A000HH0
 Date: 11/22/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: MCA 123 INJECTION LINE RE
 Well #:
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/ Agent Signature _____ R360 Representative Signature _____

Customer Approval _____

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: ANDREW GARCIA
 AFE #:
 PO #:
 Manifest #: 09
 Manif. Date: 11/22/2021
 Hauler: MCNABB PARTNERS
 Driver: JR
 Truck #: M76
 Card #
 Job Ref #

Ticket #: 700-1252326
 Bid #: O6UJ9A000HH0
 Date: 11/22/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: MCA 123 INJECTION LINE RE
 Well #:
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____



Permian Basin

Customer: CONOCOPHILLIPS
Customer #: CRI2190
Ordered by: ANDREW GARCIA
AFE #:
PO #:
Manifest #: 10
Manif. Date: 11/22/2021
Hauler: MCNABB PARTNERS
Driver: JR
Truck #: M76
Card #:
Job Ref #

Ticket #: 700-1252352
Bid #: O6UJ9A000HH0
Date: 11/22/2021
Generator: CONOCOPHILLIPS
Generator #:
Well Ser. #: 999908
Well Name: MCA 123 INJECTION LINE RE
Well #:
Field:
Field #:
Rig: NON-DRILLING
County: LEA (NM)

Facility: CRI

Table with 2 columns: Product / Service, Quantity Units. Row: Contaminated Soil (RCRA Exempt), 18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended.
MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Handwritten signature of R360 Representative

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____



Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: ANDREW GARCIA
 AFE #:
 PO #:
 Manifest #: 11
 Manif. Date: 11/22/2021
 Hauler: MCNABB PARTNERS
 Driver: JOE
 Truck #: M81
 Card #
 Job Ref #

Ticket #: 700-1252374
 Bid #: O6UJ9A000HH0
 Date: 11/22/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: MCA 123 INJECTION LINE RE
 Well #:
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/ Agent Signature	R360 Representative Signature
Customer Approval	

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____



Permian Basin

Customer: CONOCOPHILLIPS
Customer #: CRI2190
Ordered by: ANDREW GARCIA
AFE #:
PO #:
Manifest #: 12
Manif. Date: 11/22/2021
Hauler: ENERGY PROS, LLC
Driver: JR
Truck #: M76
Card #:
Job Ref #

Ticket #: 700-1252385
Bid #: O6UJ9A000HH0
Date: 11/22/2021
Generator: CONOCOPHILLIPS
Generator #:
Well Ser. #: 999908
Well Name: MCA 123 INJECTION LINE RE
Well #:
Field:
Field #:
Rig: NON-DRILLING
County: LEA (NM)

Facility: CRI

Table with 2 columns: Product / Service, Quantity Units. Row: Contaminated Soil (RCRA Exempt), 18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended.
MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Handwritten signature of R360 Representative

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JOE TYLER
 AFE #:
 PO #:
 Manifest #: 13
 Manif. Date: 11/22/2021
 Hauler: MCNABB PARTNERS
 Driver: ACIE
 Truck #: `MP3
 Card #
 Job Ref #

Ticket #: 700-1252402
 Bid #: O6UJ9A000HH0
 Date: 11/22/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: MCA 123 INJECTION LINE RE
 Well #:
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

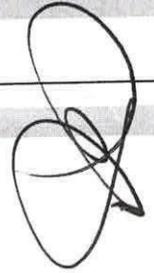
I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/ Agent Signature _____ **R360 Representative Signature** _____

Customer Approval _____

THIS IS NOT AN INVOICE!



Approved By: _____

Date: _____



Permian Basin

Customer: CONOCOPHILLIPS
Customer #: CRI2190
Ordered by: ANDREW GARCIA
AFE #:
PO #:
Manifest #: 14
Manif. Date: 11/23/2021
Hauler: MCNABB PARTNERS
Driver: JR
Truck #: M76
Card #:
Job Ref #

Ticket #: 700-1252615
Bid #: O6UJ9A000HH0
Date: 11/23/2021
Generator: CONOCOPHILLIPS
Generator #:
Well Ser. #: 999908
Well Name: MCA 123 INJECTION LINE RE
Well #:
Field:
Field #:
Rig: NON-DRILLING
County: LEA (NM)

Facility: CRI

Table with 2 columns: Product / Service, Quantity Units. Row: Contaminated Soil (RCRA Exempt), 18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:
[X] RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
[] RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
[] MSDS Information [] RCRA Hazardous Waste Analysis [] Process Knowledge [] Other (Provide description above)

Driver/ Agent Signature _____ R360 Representative Signature _____

Customer Approval _____

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____



Customer: CONOCOPHILLIPS
Customer #: CRI2190
Ordered by: JOE TYLER
AFE #:
PO #:
Manifest #: 15
Manif. Date: 11/23/2021
Hauler: MCNABB PARTNERS
Driver: JR
Truck #: M76
Card #:
Job Ref #

Ticket #: 700-1252633
Bid #: O6UJ9A000HH0
Date: 11/23/2021
Generator: CONOCOPHILLIPS
Generator #:
Well Ser. #: 999908
Well Name: MCA 123 INJECTION LINE RE
Well #:
Field:
Field #:
Rig: NON-DRILLING
County: LEA (NM)

Permian Basin

Facility: CRI

Table with 2 columns: Product / Service, Quantity Units. Row: Contaminated Soil (RCRA Exempt), 18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended.
MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/ Agent Signature R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____ [Signature]



Permian Basin

Customer: CONOCOPHILLIPS
Customer #: CRI2190
Ordered by: JOE TLER
AFE #:
PO #:
Manifest #: 16
Manif. Date: 11/23/2021
Hauler: MCNABB PARTNERS
Driver: JR
Truck #: M76
Card #:
Job Ref #

Ticket #: 700-1252677
Bid #: O6UJ9A000HH0
Date: 11/23/2021
Generator: CONOCOPHILLIPS
Generator #:
Well Ser. #: 999908
Well Name: MCA 123 INJECTION LINE RE
Well #:
Field:
Field #:
Rig: NON-DRILLING
County: LEA (NM)

Facility: CRI

Table with 2 columns: Product / Service, Quantity Units. Row: Contaminated Soil (RCRA Exempt), 18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/ Agent Signature R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____



Permian Basin

Customer: CONOCOPHILLIPS
Customer #: CRI2190
Ordered by: JOE TYLER
AFE #:
PO #:
Manifest #: 17
Manif. Date: 11/23/2021
Hauler: MCNABB PARTNERS
Driver: JR
Truck #: M76
Card #:
Job Ref #

Ticket #: 700-1252708
Bid #: O6UJ9A000HH0
Date: 11/23/2021
Generator: CONOCOPHILLIPS
Generator #:
Well Ser. #: 999908
Well Name: MCA 123 INJECTION LINE RE
Well #:
Field:
Field #:
Rig: NON-DRILLING
County: LEA (NM)

Facility: CRI

Table with 2 columns: Product / Service, Quantity Units. Row: Contaminated Soil (RCRA Exempt), 18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended.
MSDS Information
RCRA Hazardous Waste Analysis
Process Knowledge
Other (Provide description above)

Driver/ Agent Signature
R360 Representative Signature
Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JOE TYLER
 AFE #:
 PO #:
 Manifest #: 18
 Manif. Date: 11/29/2021
 Hauler: MCNABB PARTNERS
 Driver: JOSH
 Truck #: M75
 Card #
 Job Ref #

Ticket #: 700-1253785
 Bid #: O6UJ9A000HH0
 Date: 11/29/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: MCA 123 INJECTION LINE RE
 Well #:
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/ Agent Signature _____ R360 Representative Signature _____

Customer Approval _____

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____



Permian Basin

Customer: CONOCOPHILLIPS
Customer #: CRI2190
Ordered by: JOE TYLER
AFE #:
PO #:
Manifest #: 19
Manif. Date: 11/29/2021
Hauler: MCNABB PARTNERS
Driver: JR
Truck #: M76
Card #:
Job Ref #

Ticket #: 700-1253786
Bid #: O6UJ9A000HH0
Date: 11/29/2021
Generator: CONOCOPHILLIPS
Generator #:
Well Ser. #: 999908
Well Name: MCA 123 INJECTION LINE RE
Well #:
Field:
Field #:
Rig: NON-DRILLING
County: LEA (NM)

Facility: CRI

Table with 2 columns: Product / Service, Quantity Units. Row: Contaminated Soil (RCRA Exempt), 18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended.
MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/ Agent Signature R360 Representative Signature

Handwritten signature of R360 Representative

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____



Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JOE TYLER
 AFE #:
 PO #:
 Manifest #: 20
 Manif. Date: 11/29/2021
 Hauler: MCNABB PARTNERS
 Driver: JR
 Truck #: M76
 Card #
 Job Ref #

Ticket #: 700-1253807
 Bid #: O6UJ9A000HH0
 Date: 11/29/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: MCA 123 INJECTION LINE RE
 Well #:
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/ Agent Signature _____ R360 Representative Signature _____

Customer Approval _____

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____



Customer: CONOCOPHILLIPS
Customer #: CRI2190
Ordered by: JOE TYLER
AFE #:
PO #:
Manifest #: 21
Manif. Date: 11/29/2021
Hauler: MCNABB PARTNERS
Driver: JOSH
Truck #: 18
Card #:
Job Ref #

Ticket #: 700-1253809
Bid #: O6UJ9A000HH0
Date: 11/29/2021
Generator: CONOCOPHILLIPS
Generator #:
Well Ser. #: 999908
Well Name: MCA 123 INJECTION LINE RE
Well #:
Field:
Field #:
Rig: NON-DRILLING
County: LEA (NM)

Permian Basin

Facility: CRI

Table with 2 columns: Product / Service, Quantity Units. Row: Contaminated Soil (RCRA Exempt), 18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended.
MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/ Agent Signature R360 Representative Signature (with signature)

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____



Customer: CONOCOPHILLIPS
Customer #: CRI2190
Ordered by: JOE TYLER
AFE #:
PO #:
Manifest #: 22
Manif. Date: 11/29/2021
Hauler: MCNABB PARTNERS
Driver: JR
Truck #: M76
Card #:
Job Ref #

Ticket #: 700-1253830
Bid #: O6UJ9A000HH0
Date: 11/29/2021
Generator: CONOCOPHILLIPS
Generator #:
Well Ser. #: 999908
Well Name: MCA 123 INJECTION LINE RE
Well #:
Field:
Field #:
Rig: NON-DRILLING
County: LEA (NM)

Permian Basin

Facility: CRI

Table with 2 columns: Product / Service, Quantity Units. Row 1: Contaminated Soil (RCRA Exempt), 18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____



Permian Basin

Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JOE TYLER
 AFE #:
 PO #:
 Manifest #: 23
 Manif. Date: 11/29/2021
 Hauler: MCNABB PARTNERS
 Driver: JOSH
 Truck #: M75
 Card #
 Job Ref #

Ticket #: 700-1253831
 Bid #: O6UJ9A000HH0
 Date: 11/29/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: MCA 123 INJECTION LINE RE
 Well #:
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/ Agent Signature _____ **R360 Representative Signature** _____

Customer Approval _____

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____



Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JOE TYLER
 AFE #:
 PO #:
 Manifest #: 24
 Manif. Date: 11/29/2021
 Hauler: MCNABB PARTNERS
 Driver: URIEL
 Truck #: M80
 Card #
 Job Ref #

Ticket #: 700-1253860
 Bid #: O6UJ9A000HH0
 Date: 11/29/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: MCA 123 INJECTION LINE RE
 Well #:
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____



Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JOE TYLER
 AFE #:
 PO #:
 Manifest #: 25
 Manif. Date: 11/29/2021
 Hauler: MCNABB PARTNERS
 Driver: JR
 Truck #: M76
 Card #
 Job Ref #

Ticket #: 700-1253861
 Bid #: O6UJ9A000HH0
 Date: 11/29/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: MCA 123 INJECTION LINE RE
 Well #:
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____



Customer: CONOCOPHILLIPS
Customer #: CRI2190
Ordered by: JOE TYLER
AFE #:
PO #:
Manifest #: 26
Manif. Date: 11/29/2021
Hauler: MCNABB PARTNERS
Driver: JOSH
Truck #: M75
Card #:
Job Ref #

Ticket #: 700-1253870
Bid #: O6UJ9A000HH0
Date: 11/29/2021
Generator: CONOCOPHILLIPS
Generator #:
Well Ser. #: 999908
Well Name: MCA 123 INJECTION LINE RE
Well #:
Field:
Field #:
Rig: NON-DRILLING
County: LEA (NM)

Permian Basin

Facility: CRI

Table with 2 columns: Product / Service, Quantity Units. Row: Contaminated Soil (RCRA Exempt), 18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:
[X] RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
[] RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
[] MSDS Information [] RCRA Hazardous Waste Analysis [] Process Knowledge [] Other (Provide description above)

Driver/ Agent Signature R360 Representative Signature

Signature lines for Driver/Agent and R360 Representative

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____



Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JOE TYLER
 AFE #:
 PO #:
 Manifest #: 27
 Manif. Date: 11/30/2021
 Hauler: MCNABB PARTNERS
 Driver: JR
 Truck #: M76
 Card #
 Job Ref #

Ticket #: 700-1254066
 Bid #: O6UJ9A000HH0
 Date: 11/30/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: MCA 123 INJECTION LINE RE
 Well #:
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Permian Basin

Facility: CRI

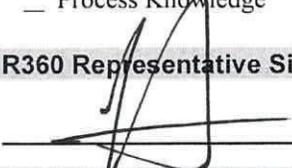
Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/ Agent Signature _____ R360 Representative Signature _____



Customer Approval _____

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____



Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JOE TYLER
 AFE #:
 PO #:
 Manifest #: 28
 Manif. Date: 11/30/2021
 Hauler: MCNABB PARTNERS
 Driver: JR
 Truck #: M76
 Card #
 Job Ref #

Ticket #: 700-1254089
 Bid #: O6UJ9A000HH0
 Date: 11/30/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: MCA 123 INJECTION LINE RE
 Well #:
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity Units										
Contaminated Soil (RCRA Exempt)	18.00 yards										
Lab Analysis:	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
	28	0.00	0.00	0.00	0			4.00			

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____



Customer: CONOCOPHILLIPS
 Customer #: CRI2190
 Ordered by: JOE TYLER
 AFE #:
 PO #:
 Manifest #: 29
 Manif. Date: 11/30/2021
 Hauler: MCNABB PARTNERS
 Driver: JR
 Truck #: M76
 Card #
 Job Ref #

Ticket #: 700-1254110
 Bid #: O6UJ9A000HH0
 Date: 11/30/2021
 Generator: CONOCOPHILLIPS
 Generator #:
 Well Ser. #: 999908
 Well Name: MCA 123 INJECTION LINE RE
 Well #:
 Field:
 Field #:
 Rig: NON-DRILLING
 County: LEA (NM)

Permian Basin

Facility: CRI

Product / Service	Quantity	Units
Contaminated Soil (RCRA Exempt)	18.00	yards

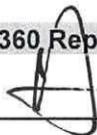
Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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- MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature



Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____



Permian Basin

Customer: CONOCOPHILLIPS
Customer #: CRI2190
Ordered by: JOE TYLER
AFE #:
PO #:
Manifest #: 30
Manif. Date: 11/30/2021
Hauler: MCNABB PARTNERS
Driver: JR
Truck #: M76
Card #:
Job Ref #

Ticket #: 700-1254142
Bid #: O6UJ9A000HH0
Date: 11/30/2021
Generator: CONOCOPHILLIPS
Generator #:
Well Ser. #: 999908
Well Name: MCA 123 INJECTION LINE RE
Well #:
Field:
Field #:
Rig: NON-DRILLING
County: LEA (NM)

Facility: CRI

Table with 2 columns: Product / Service, Quantity Units. Row 1: Contaminated Soil (RCRA Exempt), 18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended.
MSDS Information
RCRA Hazardous Waste Analysis
Process Knowledge
Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____

Date: _____

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 77976

CONDITIONS

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 77976
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bhall	None	10/26/2022