Form C-141
Page 6

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2129830369
District RP	
Facility ID	
Application ID	

Closure

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

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

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☒ Description of remediation activities

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

Printed Name: Kelsy Waggaman Title: Environmental Engineer

Signature: Date: 12/20/2021

email: kelsy.waggaman@conocophillips.com Telephone: (432) 668-9057

OCD Only

Received by: Chad Hensley Date: 01/18/2022

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: 01/18/2022

Printed Name: Chad Hensley Title: Environmental Specialist Advanced

WSP USA
3300 North "A" Street
Building 1, Unit 222
Midland, Texas 79705
432.704.5178

December 20, 2021

District I
New Mexico Oil Conservation Division
1625 N. French Drive
Hobbs, New Mexico 88210

RE: Closure Request
Eata Fajita C CTB
Incident Number NAPP2129830369
Lea County, New Mexico

To Whom It May Concern:

WSP USA Inc. (WSP) on behalf of COG Operating, LLC (COG), presents the following Closure Request detailing site assessment and soil sampling activities at the Eata Fajita C CTB (Site) in Unit O, Section 08, Township 24 South, Range 33 East, in Lea County, New Mexico (Figure 1). The purpose of the site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil following a release of produced water within lined containment at the Site. Based on field observations, field screening activities, and soil sample laboratory analytical results, COG is submitting this Closure Request and requesting no further action (NFA) for Incident Number NAPP2129830369.

RELEASE BACKGROUND

On October 7, 2021, a release was caused by a hole in a fire tube due to corrosion. Approximately 7.3 barrels (bbls) of produced water released into the lined tank battery containment. A vacuum truck was immediately dispatched to the Site to recover free-standing fluids; all 7.3 bbls of the released produced water were recovered from within the lined containment. COG reported the release to the New Mexico Oil Conservation Division (NMOCD) and submitted a Release Notification Form C-141 on October 25, 2021. The release was assigned Incident Number NAPP2129830369. A 48-hour advance notice of liner inspection was provided via email on October 27, 2021 to the NMOCD District I office. A liner integrity inspection was conducted by WSP personnel on November 2, 2021 following the fluid recovery and upon inspection, the liner was determined to be insufficient.

SITE CHARACTERIZATION

WSP characterized the Site according to Table 1, *Closure Criteria for Soils Impacted by a Release*, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). Depth to groundwater at the Site is greater than 100 feet below ground surface (bgs) based on the nearest groundwater well data. The closest permitted groundwater well with depth

to groundwater data is New Mexico Office of the State Engineer (NMOSE) well C-03565-POD3, located approximately 487 feet northeast of the Site. The groundwater well has a reported depth to groundwater of 1,533 feet bgs and a total unknown depth. Ground surface elevation at the groundwater well location is 3,601 feet amsl, which is approximately the same elevation as the Site. All wells used for depth to groundwater determination are depicted on Figure 1 and referenced well records are provided in Attachment 1.

The closest continuously flowing or significant watercourse to the Site is a freshwater emergent wetland, located approximately 3,971 feet northeast of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1.

CLOSURE CRITERIA

Based on the results of the Site Characterization, the following NMOCD Table 1 Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 20,000 mg/kg

SITE ASSESSMENT ACTIVITIES

On November 23, 2021, WSP personnel visited the Site to evaluate the release and conduct site assessment activities. WSP personnel advanced one borehole (BH01) via hand-auger at the location of the tear in the liner identified during the liner integrity inspection. Three soil samples (BH01, BH01A, and BH01B) were collected from the borehole at depths of approximately 0.5 feet, 2 feet, and 3.75 feet bgs. Soil from the borehole was field screened for volatile aromatic hydrocarbons and chlorides utilizing a calibrated photo-ionization detector (PID) and Hach® chloride QuanTab® test strips, respectively. Field screening results and observations from the borehole were documented on a lithologic/soil sampling log, which is included as Attachment 2. The borehole was backfilled with the soil removed and a COG contractor repaired the tear in the liner. The borehole delineation soil sample location is depicted on Figure 2. Photographic documentation was conducted during the Site visit. A photographic log is included in Attachment 3.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported at or below 4 degrees Celsius (°C) under strict chain-of-custody (COC) procedures to Eurofins Laboratories (Eurofins) in Carlsbad, New Mexico, for analysis of BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-gasoline range organics (GRO), TPH-diesel range organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

SOIL ANALYTICAL RESULTS

Laboratory analytical results for delineation soil samples BH01, BH01A, and BH01B indicated that benzene, BTEX, TPH-DRO/TPH-GRO, TPH, and chloride concentrations were compliant with the Closure Criteria. In addition, all delineation soil samples were compliant with the most stringent Table 1 Closure Criteria. Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical report is included as Attachment 4.

CLOSURE REQUEST

Following the failed liner integrity inspection at the Site, WSP personnel advanced one borehole, (BH01), within the lined containment to assess for the presence or absence of soil impacts resulting from the October 7, 2021 produced water release within lined containment. Three delineation soil samples were collected from borehole BH01, at depths of approximately 0.5 feet, 2 feet, and 3.75 feet bgs. Laboratory analytical results for the delineation soil samples indicated that benzene, BTEX, TPH-DRO/TPH-GRO, TPH, and chloride concentrations were compliant with the Closure Criteria. In addition, all delineation soil samples were compliant with the most stringent Table 1 Closure Criteria. The release was contained laterally by the lined containment and all released fluids were recovered during initial response activities. The tear in the liner was subsequently repaired.

Based on initial response efforts, absence of elevated field screening results, and soil sample laboratory analytical results compliant with the Closure Criteria directly beneath the tear in the liner, COG respectfully requests NFA for Incident Number NAPP2129830369. The final Form C-141 is included in Attachment 5.

If you have any questions or comments, please do not hesitate to contact Ms. Ashley Ager at (970) 385-1096.

Sincerely,

WSP USA Inc.

Kalei Jennings
Associate Consultant

Ashley L. Ager, P.G.
Managing Director, Geologist

cc: Kelsy Waggaman, COG Operating, LLC
New Mexico State Land Office

Attachments:

Figure 1	Site Location Map
Figure 2	Delineation Soil Sample Locations
Table 1	Soil Analytical Results
Attachment 1	Referenced Well Records
Attachment 2	Lithologic/Sampling Log
Attachment 3	Photographic Log
Attachment 4	Laboratory Analytical Report
Attachment 5	Final C-141

FIGURES

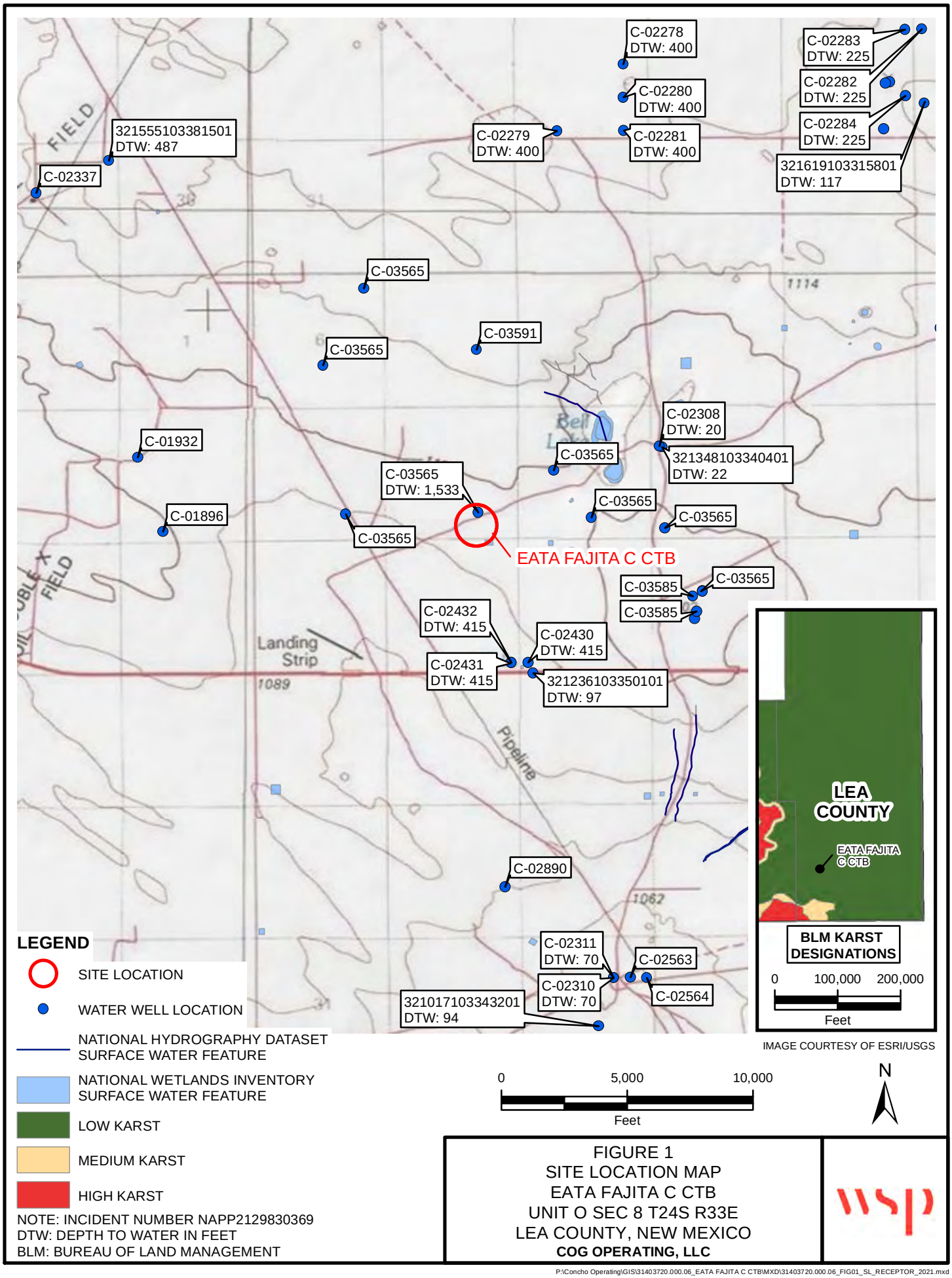

FIGURE 1
SITE LOCATION MAP
EATA FAJITA C CTB
UNIT O SEC 8 T24S R33E
LEA COUNTY, NEW MEXICO
COG OPERATING, LLC

P:\Concho Operating\GIS\31403720.000.06_EATA FAJITA C CTB\MXD\31403720.000.06_FIG01_SL_RECEPTOR_2021.mxd

LEGEND

DELINEATION SOIL SAMPLE IN COMPLIANCE WITH APPLICABLE CLOSURE CRITERIA

CONTAINMENT

IMAGE COURTESY OF ESRI

0 100 200

Feet

N

NOTE: INCIDENT NUMBER NAPP2129830369
SAMPLE ID@DEPTH BELOW GROUND SURFACE (FEET)

FIGURE 2
DELINEATION SOIL SAMPLE LOCATIONS
EATA FAJITA C CTB
UNIT O SEC 8 T24S R33E
LEA COUNTY, NEW MEXICO
COG OPERATING, LLC

P:\Concho Operating\GIS\31403720.000.06_EATA FAJITA C CTB\MXD\31403720.000.06_FIG02_DELINEATION_2021.mxd

TABLES

Table 1

Soil Analytical Results
Eata Fajita C CTB
Incident Number NAPP2129830369
Lea County, New Mexico

Sample ID	Sample Date	Sample Depth (ft bgs)	Benzene (mg/kg)	BTEX (mg/kg)	TPH-DRO (mg/kg)	TPH-GRO (mg/kg)	TPH-ORO (mg/kg)	Total GRO+DRO (mg/kg)	TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples										
BH01	11/23/2021	0.5	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	<5.01
BH01A	11/23/2021	2	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	<5.03
BH01B	11/23/2021	3.75	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	<5.04

Notes:

ft - feet/foot
mg/kg - milligrams per kilograms
BTEX - benzene, toluene, ethylbenzene, and total xylenes
TPH - total petroleum hydrocarbons
DRO - diesel range organics
GRO - gasoline range organics
ORO - oil range organics
NMOCD - New Mexico Oil Conservation Division
NMAC - New Mexico Administrative Code
< - indicates result is less than the stated laboratory method practical quantitation limit
NE - Not Established
BOLD - indicates results exceed the higher of the background sample result or applicable regulatory standard

ATTACHMENT 1: REFERENCED WELL RECORD

New Mexico Office of the State Engineer
Water Right Summary

get image list

WR File Number: C 03565 **Subbasin:** CUB **Cross Reference:** -

Primary Purpose: EXP EXPLORATION

Primary Status:

Total Acres: **Subfile:** - **Header:** -

Total Diversion: 0 **Cause/Case:** -

Owner: INTERCONTINENTAL POTASH CORP

Contact: TOM COPE

Documents on File

	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
get images	509298	EXPL	2012-08-07	PMT	APR	C 03565	T	0	0	

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Well Tag	Source	Q 64	Q16	Q4	Sec	Tws	Rng	X	Y	Other Location Desc
C 03565 POD1				1	4	06	24S	33E	630871	3568316	ICP-083
C 03565 POD2				3	4	07	24S	33E	631156	3566515	ICP-084
C 03565 POD3				3	4	08	24S	33E	632763	3566546	ICP-085
C 03565 POD4				4	1	09	24S	33E	633672	3567057	ICP-086
C 03565 POD5				3	4	09	24S	33E	634135	3566496	ICP-87
C 03565 POD6				3	3	10	24S	33E	635022	3566373	ICP-089
C 03565 POD7				2	2	06	24S	33E	631361	3569250	ICP-090
C 03565 POD8				4	1	15	24S	33E	635485	3565610	ICP-092
C 03565 POD9				4	4	15	24S	33E	636430	3565005	ICP-093

New Mexico Office of the State Engineer

Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Tws	Rng	(NAD83 UTM in meters) X	Y
	C 03565 POD3	3	4		08	24S	33E	632763	3566546

Driller License:	331	**Driller Company:**	SBQ2, LLC DBA STEWART BROTHERS DRILLING CO.		
Driller Name:					
Drill Start Date:	09/27/2012	**Drill Finish Date:**	10/21/2012	**Plug Date:**	
Log File Date:	12/11/2012	**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	8.90	**Depth Well:**		**Depth Water:**	1533 feet

Water Bearing Stratifications:	Top	Bottom	Description
	0	20	Other/Unknown
	20	55	Sandstone/Gravel/Conglomerate
	55	1227	Shale/Mudstone/Siltstone
	1227	1262	Other/Unknown
	1262	1295	Other/Unknown
	1295	1310	Other/Unknown
	1310	1330	Other/Unknown
	1330	1375	Other/Unknown
	1479	1489	Other/Unknown
	1489	1533	Other/Unknown

ATTACHMENT 2: LITHOLOGIC/SAMPLING LOG

WSP USA 508 West Stevens Street Carlsbad, New Mexico 88220	BH or PH Name: BH01	Date: 11/23/2021
	Site Name: Eata Fajita C CTB	
	RP or Incident Number: NAPP2129830369	
	WSP Job Number: 31403720.000	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: PB, NK	Method: Hand Auger
Lat/Long: 32.22631, -103.59129	Field Screening: Chloride, PID	Hole Diameter: 3' / Total Depth: 4'

Comments: D- Dry; N- No

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithology/Remarks
						0		
D	<162.4	1.7	N	BH01	0.5	0.5	SP-SM	SAND, TAN, DRY, SOME CALICHE GRAVEL AND SILT, MED-FINE GRAIN, POORLY SORTED, NO STAIN, NO ODOR
D	<162.4	2.6	N		1	1	SP-SM	SAND, DARK BROWN, DRY, TRACE CALICHE GRAVEL AND SILT, FINE GRAIN, POORLY SORTED, NO STAIN, NO ODOR
D	<162.4	3.4	N	BH01A	2	2	SP-SC	SAA, BUT NO CALICHE AND SOME CLAY
D	<162.4	1	N		3	3	SP-SC	SAA, ABUNDANT CLAY
D	<162.4	1.4	N	BH01B	3.75	3.75		SAND, DARK BROWN, SOME CALICHE GRAVEL AND SILT, SOME CLAY, MED-FINE GRAIN, POORLY SORTED, NO STAIN, NO ODOR

TD @ 3.75 ft bgs

ATTACHMENT 3: PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG		
COG Operating, LLC	Eata Fajita C CTB Lea County, New Mexico	NAPP2129830369

Photo No.	Date
1	November 2, 2021

View of hole identified in tank battery liner during inspection.

Photo No.	Date
2	November 23, 2021

View of BH01 location inside tank battery containment prior to delineation activities.

PHOTOGRAPHIC LOG		
COG Operating, LLC	Eata Fajita C CTB Lea County, New Mexico	NAPP2129830369

Photo No.	Date
3	November 23, 2021

View of BH01 location inside tank battery containment.

Photo No.	Date
4	November 23, 2021

View of patched liner at the completion of delineation activities.

ATTACHMENT 4: LABORATORY ANALYTICAL RESULTS

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-1634-1
Laboratory Sample Delivery Group: 31403720.000 Task 06.02
Client Project/Site: Eata Fajita C CTB

For:
WSP USA Inc.
2777 N. Stemmons Freeway
Suite 1600
Dallas, Texas 75207

Attn: Kalei Jennings

JKramer

Authorized for release by:
12/9/2021 10:22:51 AM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

Client: WSP USA Inc.
Project/Site: Eata Fajita C CTB

Laboratory Job ID: 890-1634-1
SDG: 31403720.000 Task 06.02

Table of Contents

Definitions/Glossary

Client: WSP USA Inc. Job ID: 890-1634-1
Project/Site: Eata Fajita C CTB SDG: 31403720.000 Task 06.02

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: WSP USA Inc. Job ID: 890-1634-1
Project/Site: Eata Fajita C CTB SDG: 31403720.000 Task 06.02

Job ID: 890-1634-1

Laboratory: Eurofins Xenco, Carlsbad

Narrative

Job Narrative
890-1634-1

Receipt
The samples were received on 11/24/2021 10:43 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.2°C

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: BH01 (890-1634-1), BH01A (890-1634-2), BH01B (890-1634-3) and (890-1637-A-1-I). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
Method 8015MOD_NM: The sample size used in the preparation of the matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 880-13750 and analytical batch 880-13827 was outside the 10% difference. As the relative percent difference (RPD) calculation is based upon the MS/MSD concentration as opposed to the MS/MSD percent recovery, elevated %RPD values were obtained.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-13750/3-A). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-13647 and analytical batch 880-14304 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: WSP USA Inc.
Project/Site: Eata Fajita C CTB

Job ID: 890-1634-1
SDG: 31403720.000 Task 06.02

Client Sample ID: BH01

Lab Sample ID: 890-1634-1
Matrix: Solid
Date Collected: 11/23/21 09:31
Date Received: 11/24/21 10:43
Sample Depth: 0.5

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/30/21 10:13	12/02/21 12:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/30/21 10:13	12/02/21 12:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/30/21 10:13	12/02/21 12:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/30/21 10:13	12/02/21 12:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/30/21 10:13	12/02/21 12:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/30/21 10:13	12/02/21 12:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*156*	*S1+*	*70 - 130*	*11/30/21 10:13*	*12/02/21 12:36*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*11/30/21 10:13*	*12/02/21 12:36*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/03/21 10:31	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/06/21 15:44	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1 F2	49.9		mg/Kg		12/02/21 14:16	12/03/21 10:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 14:16	12/03/21 10:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 14:16	12/03/21 10:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*12/02/21 14:16*	*12/03/21 10:34*	*1*
o-Terphenyl	*95*		*70 - 130*	*12/02/21 14:16*	*12/03/21 10:34*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			12/09/21 03:12	1

Client Sample ID: BH01A

Lab Sample ID: 890-1634-2
Matrix: Solid
Date Collected: 11/23/21 09:42
Date Received: 11/24/21 10:43
Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/30/21 10:13	12/02/21 13:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/30/21 10:13	12/02/21 13:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/30/21 10:13	12/02/21 13:02	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/30/21 10:13	12/02/21 13:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/30/21 10:13	12/02/21 13:02	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/30/21 10:13	12/02/21 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*155*	*S1+*	*70 - 130*	*11/30/21 10:13*	*12/02/21 13:02*	*1*

Client Sample Results

Client: WSP USA Inc. Job ID: 890-1634-1
Project/Site: Eata Fajita C CTB SDG: 31403720.000 Task 06.02

Client Sample ID: BH01A
Lab Sample ID: 890-1634-2
Date Collected: 11/23/21 09:42
Matrix: Solid
Date Received: 11/24/21 10:43
Sample Depth: 2

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*11/30/21 10:13*	*12/02/21 13:02*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			12/03/21 10:31	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			12/06/21 15:44	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		12/02/21 14:16	12/03/21 11:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		12/02/21 14:16	12/03/21 11:38	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		12/02/21 14:16	12/03/21 11:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*12/02/21 14:16*	*12/03/21 11:38*	*1*
o-Terphenyl	*98*		*70 - 130*	*12/02/21 14:16*	*12/03/21 11:38*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.03	U	5.03	mg/Kg			12/09/21 03:19	1

Client Sample ID: BH01B
Lab Sample ID: 890-1634-3
Date Collected: 11/23/21 09:50
Matrix: Solid
Date Received: 11/24/21 10:43
Sample Depth: 3.75

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		11/30/21 10:13	12/02/21 13:29	1
Toluene	<0.00199	U	0.00199	mg/Kg		11/30/21 10:13	12/02/21 13:29	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		11/30/21 10:13	12/02/21 13:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		11/30/21 10:13	12/02/21 13:29	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		11/30/21 10:13	12/02/21 13:29	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		11/30/21 10:13	12/02/21 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*165*	*S1+*	*70 - 130*	*11/30/21 10:13*	*12/02/21 13:29*	*1*
1,4-Difluorobenzene (Surr)	*120*		*70 - 130*	*11/30/21 10:13*	*12/02/21 13:29*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			12/03/21 10:31	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			12/06/21 15:44	1

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Client Sample Results

Client: WSP USA Inc.
Project/Site: Eata Fajita C CTB

Job ID: 890-1634-1
SDG: 31403720.000 Task 06.02

Client Sample ID: BH01B

Date Collected: 11/23/21 09:50
Date Received: 11/24/21 10:43
Sample Depth: 3.75

Lab Sample ID: 890-1634-3

Matrix: Solid

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/02/21 14:16	12/03/21 11:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/02/21 14:16	12/03/21 11:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/02/21 14:16	12/03/21 11:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*12/02/21 14:16*	*12/03/21 11:58*	*1*
o-Terphenyl	*87*		*70 - 130*	*12/02/21 14:16*	*12/03/21 11:58*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U F1	5.04		mg/Kg			12/09/21 03:26	1

Surrogate Summary

Client: WSP USA Inc.
Project/Site: Eata Fajita C CTB

Job ID: 890-1634-1
SDG: 31403720.000 Task 06.02

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-1634-1	BH01	156 S1+	116
890-1634-2	BH01A	155 S1+	114
890-1634-3	BH01B	165 S1+	120
890-1637-A-1-G MS	Matrix Spike	153 S1+	119
890-1637-A-1-H MSD	Matrix Spike Duplicate	148 S1+	136 S1+
LCS 880-13445/1-A	Lab Control Sample	135 S1+	117
LCSD 880-13445/2-A	Lab Control Sample Dup	145 S1+	122
MB 880-13362/5-A	Method Blank	85	104
MB 880-13445/5-A	Method Blank	88	103

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-1634-1	BH01	83	95
890-1634-1 MS	BH01	110	112
890-1634-1 MSD	BH01	94	89
890-1634-2	BH01A	97	98
890-1634-3	BH01B	84	87
LCS 880-13750/2-A	Lab Control Sample	93	91
LCSD 880-13750/3-A	Lab Control Sample Dup	130	131 S1+
MB 880-13750/1-A	Method Blank	81	93

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: WSP USA Inc.
Project/Site: Eata Fajita C CTB

Job ID: 890-1634-1
SDG: 31403720.000 Task 06.02

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-13362/5-A
Matrix: Solid
Analysis Batch: 13606

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 13362

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/01/21 08:45	12/01/21 13:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/01/21 08:45	12/01/21 13:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/01/21 08:45	12/01/21 13:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/01/21 08:45	12/01/21 13:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/01/21 08:45	12/01/21 13:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/01/21 08:45	12/01/21 13:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*12/01/21 08:45*	*12/01/21 13:56*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*12/01/21 08:45*	*12/01/21 13:56*	*1*

Lab Sample ID: MB 880-13445/5-A
Matrix: Solid
Analysis Batch: 13606

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 13445

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/30/21 10:13	12/02/21 03:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/30/21 10:13	12/02/21 03:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/30/21 10:13	12/02/21 03:28	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/30/21 10:13	12/02/21 03:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/30/21 10:13	12/02/21 03:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/30/21 10:13	12/02/21 03:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*11/30/21 10:13*	*12/02/21 03:28*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*11/30/21 10:13*	*12/02/21 03:28*	*1*

Lab Sample ID: LCS 880-13445/1-A
Matrix: Solid
Analysis Batch: 13606

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 13445

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.1064		mg/Kg		106	70 - 130		
Toluene			0.100	0.1095		mg/Kg		110	70 - 130		
Ethylbenzene			0.100	0.1099		mg/Kg		110	70 - 130		
m-Xylene & p-Xylene			0.200	0.2453		mg/Kg		123	70 - 130		
o-Xylene			0.100	0.1167		mg/Kg		117	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*135*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*117*		*70 - 130*

Lab Sample ID: LCSD 880-13445/2-A
Matrix: Solid
Analysis Batch: 13606

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 13445

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.1070		mg/Kg		107	70 - 130	1	35

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QC Sample Results

Client: WSP USA Inc.
Project/Site: Eata Fajita C CTB

Job ID: 890-1634-1
SDG: 31403720.000 Task 06.02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-13445/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 13606 — **Prep Batch: 13445**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene			0.100	0.1108		mg/Kg		111	70 - 130	1	35
Ethylbenzene			0.100	0.1083		mg/Kg		108	70 - 130	1	35
m-Xylene & p-Xylene			0.200	0.2385		mg/Kg		119	70 - 130	3	35
o-Xylene			0.100	0.1156		mg/Kg		116	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*145*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*122*		*70 - 130*

Lab Sample ID: 890-1637-A-1-G MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 13606 — **Prep Batch: 13445**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U	0.0998	0.08973		mg/Kg		90	70 - 130
Toluene	<0.00200	U	0.0998	0.1007		mg/Kg		101	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.09660		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1977		mg/Kg		99	70 - 130
o-Xylene	<0.00200	U	0.0998	0.1020		mg/Kg		102	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*153*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*119*		*70 - 130*

Lab Sample ID: 890-1637-A-1-H MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 13606 — **Prep Batch: 13445**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.07902		mg/Kg		80	70 - 130	13	35
Toluene	<0.00200	U	0.0990	0.09001		mg/Kg		91	70 - 130	11	35
Ethylbenzene	<0.00200	U	0.0990	0.08820		mg/Kg		89	70 - 130	9	35
m-Xylene & p-Xylene	<0.00399	U	0.198	0.1889		mg/Kg		95	70 - 130	5	35
o-Xylene	<0.00200	U	0.0990	0.09484		mg/Kg		96	70 - 130	7	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*148*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*136*	*S1+*	*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-13750/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 13827 — **Prep Batch: 13750**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/02/21 14:16	12/03/21 09:30	1

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QC Sample Results

Client: WSP USA Inc.
Project/Site: Eata Fajita C CTB

Job ID: 890-1634-1
SDG: 31403720.000 Task 06.02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-13750/1-A
Matrix: Solid
Analysis Batch: 13827

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 13750

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/02/21 14:16	12/03/21 09:30	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/02/21 14:16	12/03/21 09:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*12/02/21 14:16*	*12/03/21 09:30*	*1*
o-Terphenyl	*93*		*70 - 130*	*12/02/21 14:16*	*12/03/21 09:30*	*1*

Lab Sample ID: LCS 880-13750/2-A
Matrix: Solid
Analysis Batch: 13827

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 13750

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	938.9		mg/Kg		94	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	910.1		mg/Kg		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*93*		*70 - 130*
o-Terphenyl	*91*		*70 - 130*

Lab Sample ID: LCSD 880-13750/3-A
Matrix: Solid
Analysis Batch: 13827

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 13750

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	948.6		mg/Kg		95	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	959.9		mg/Kg		96	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*130*		*70 - 130*
o-Terphenyl	*131*	*S1+*	*70 - 130*

Lab Sample ID: 890-1634-1 MS
Matrix: Solid
Analysis Batch: 13827

Client Sample ID: BH01
Prep Type: Total/NA
Prep Batch: 13750

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1 F2	997	1387	F1	mg/Kg		139	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1119		mg/Kg		111	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*110*		*70 - 130*
o-Terphenyl	*112*		*70 - 130*

QC Sample Results

Client: WSP USA Inc. Job ID: 890-1634-1
Project/Site: Eata Fajita C CTB SDG: 31403720.000 Task 06.02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-1634-1 MSD **Client Sample ID: BH01**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 13827 **Prep Batch: 13750**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1 F2	999	1089	F2	mg/Kg		109	70 - 130	24	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	916.7		mg/Kg		90	70 - 130	20	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*94*		*70 - 130*
o-Terphenyl	*89*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-13647/1-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Soluble**
Analysis Batch: 14304

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			12/09/21 01:33	1

Lab Sample ID: LCS 880-13647/2-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Soluble**
Analysis Batch: 14304

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	268.8		mg/Kg		108	90 - 110		

Lab Sample ID: LCSD 880-13647/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Soluble**
Analysis Batch: 14304

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			250	269.1		mg/Kg		108	90 - 110	0	20

Lab Sample ID: 890-1634-3 MS **Client Sample ID: BH01B**
Matrix: Solid **Prep Type: Soluble**
Analysis Batch: 14304

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	<5.04	U F1	252	294.0	F1	mg/Kg		116	90 - 110		

Lab Sample ID: 890-1634-3 MSD **Client Sample ID: BH01B**
Matrix: Solid **Prep Type: Soluble**
Analysis Batch: 14304

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	<5.04	U F1	252	294.6	F1	mg/Kg		116	90 - 110	0	20

QC Association Summary

Client: WSP USA Inc. Job ID: 890-1634-1
Project/Site: Eata Fajita C CTB SDG: 31403720.000 Task 06.02

GC VOA

Prep Batch: 13362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-13362/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 13445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1634-1	BH01	Total/NA	Solid	5035	
890-1634-2	BH01A	Total/NA	Solid	5035	
890-1634-3	BH01B	Total/NA	Solid	5035	
MB 880-13445/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-13445/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-13445/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1637-A-1-G MS	Matrix Spike	Total/NA	Solid	5035	
890-1637-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 13606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1634-1	BH01	Total/NA	Solid	8021B	13445
890-1634-2	BH01A	Total/NA	Solid	8021B	13445
890-1634-3	BH01B	Total/NA	Solid	8021B	13445
MB 880-13362/5-A	Method Blank	Total/NA	Solid	8021B	13362
MB 880-13445/5-A	Method Blank	Total/NA	Solid	8021B	13445
LCS 880-13445/1-A	Lab Control Sample	Total/NA	Solid	8021B	13445
LCSD 880-13445/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	13445
890-1637-A-1-G MS	Matrix Spike	Total/NA	Solid	8021B	13445
890-1637-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	13445

Analysis Batch: 13868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1634-1	BH01	Total/NA	Solid	Total BTEX	
890-1634-2	BH01A	Total/NA	Solid	Total BTEX	
890-1634-3	BH01B	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 13750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1634-1	BH01	Total/NA	Solid	8015NM Prep	
890-1634-2	BH01A	Total/NA	Solid	8015NM Prep	
890-1634-3	BH01B	Total/NA	Solid	8015NM Prep	
MB 880-13750/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-13750/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-13750/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1634-1 MS	BH01	Total/NA	Solid	8015NM Prep	
890-1634-1 MSD	BH01	Total/NA	Solid	8015NM Prep	

Analysis Batch: 13827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1634-1	BH01	Total/NA	Solid	8015B NM	13750
890-1634-2	BH01A	Total/NA	Solid	8015B NM	13750
890-1634-3	BH01B	Total/NA	Solid	8015B NM	13750
MB 880-13750/1-A	Method Blank	Total/NA	Solid	8015B NM	13750
LCS 880-13750/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	13750

QC Association Summary

Client: WSP USA Inc. Job ID: 890-1634-1
Project/Site: Eata Fajita C CTB SDG: 31403720.000 Task 06.02

GC Semi VOA (Continued)

Analysis Batch: 13827 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-13750/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	13750
890-1634-1 MS	BH01	Total/NA	Solid	8015B NM	13750
890-1634-1 MSD	BH01	Total/NA	Solid	8015B NM	13750

Analysis Batch: 14112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1634-1	BH01	Total/NA	Solid	8015 NM	
890-1634-2	BH01A	Total/NA	Solid	8015 NM	
890-1634-3	BH01B	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 13647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1634-1	BH01	Soluble	Solid	DI Leach	
890-1634-2	BH01A	Soluble	Solid	DI Leach	
890-1634-3	BH01B	Soluble	Solid	DI Leach	
MB 880-13647/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-13647/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-13647/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-1634-3 MS	BH01B	Soluble	Solid	DI Leach	
890-1634-3 MSD	BH01B	Soluble	Solid	DI Leach	

Analysis Batch: 14304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-1634-1	BH01	Soluble	Solid	300.0	13647
890-1634-2	BH01A	Soluble	Solid	300.0	13647
890-1634-3	BH01B	Soluble	Solid	300.0	13647
MB 880-13647/1-A	Method Blank	Soluble	Solid	300.0	13647
LCS 880-13647/2-A	Lab Control Sample	Soluble	Solid	300.0	13647
LCSD 880-13647/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	13647
890-1634-3 MS	BH01B	Soluble	Solid	300.0	13647
890-1634-3 MSD	BH01B	Soluble	Solid	300.0	13647

Lab Chronicle

Client: WSP USA Inc. Job ID: 890-1634-1
Project/Site: Eata Fajita C CTB SDG: 31403720.000 Task 06.02

Client Sample ID: BH01 — Lab Sample ID: 890-1634-1

Date Collected: 11/23/21 09:31 **Matrix: Solid**
Date Received: 11/24/21 10:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	13445	11/30/21 10:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13606	12/02/21 12:36	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			13868	12/03/21 10:31	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/06/21 15:44	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	13750	12/02/21 14:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13827	12/03/21 10:34	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	13647	12/01/21 11:21	CA	XEN MID
Soluble	Analysis	300.0		1			14304	12/09/21 03:12	CH	XEN MID

Client Sample ID: BH01A — Lab Sample ID: 890-1634-2

Date Collected: 11/23/21 09:42 **Matrix: Solid**
Date Received: 11/24/21 10:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	13445	11/30/21 10:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13606	12/02/21 13:02	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			13868	12/03/21 10:31	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/06/21 15:44	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	13750	12/02/21 14:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13827	12/03/21 11:38	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	13647	12/01/21 11:21	CA	XEN MID
Soluble	Analysis	300.0		1			14304	12/09/21 03:19	CH	XEN MID

Client Sample ID: BH01B — Lab Sample ID: 890-1634-3

Date Collected: 11/23/21 09:50 **Matrix: Solid**
Date Received: 11/24/21 10:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	13445	11/30/21 10:13	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	13606	12/02/21 13:29	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			13868	12/03/21 10:31	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			14112	12/06/21 15:44	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	13750	12/02/21 14:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			13827	12/03/21 11:58	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	13647	12/01/21 11:21	CA	XEN MID
Soluble	Analysis	300.0		1			14304	12/09/21 03:26	CH	XEN MID

Laboratory References:

XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: WSP USA Inc. Job ID: 890-1634-1
Project/Site: Eata Fajita C CTB SDG: 31403720.000 Task 06.02

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: WSP USA Inc.
Project/Site: Eata Fajita C CTB

Job ID: 890-1634-1
SDG: 31403720.000 Task 06.02

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: WSP USA Inc.
Project/Site: Eata Fajita C CTB

Job ID: 890-1634-1
SDG: 31403720.000 Task 06.02

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-1634-1	BH01	Solid	11/23/21 09:31	11/24/21 10:43	0.5
890-1634-2	BH01A	Solid	11/23/21 09:42	11/24/21 10:43	2
890-1634-3	BH01B	Solid	11/23/21 09:50	11/24/21 10:43	3.75

Chain of Custody

XENCO LABORATORIES

Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334
Midland,TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock,TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)

Work Order No: _____

www.xenco.com Page 1 of 1

Project Manager:	Kalei Jennings	Bill to: (if different)	Kalei Jennings
Company Name:	WSP USA	Company Name:	WSP USA
Address:	3300 North A Street Bldg 1, Unit 222	Address:	3300 North A Street Bldg 1, Unit 222
City, State ZIP:	Midland, Texas 79705	City, State ZIP:	Midland, Texas 79705
Phone:	817-683-2503 Email:		kalei.jennings@wsp.com, payton.benner@wsp.com

Work Order Comments

Program: UST/PST ☐ RP ☐ Brownfields ☐ RC ☐ Superfund ☐
State of Project:
Reporting:Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Eata Fajita C CTB	Turn Around	
Project Number:	31403720.000 Task 06.02	Routine	☒
P.O. Number:		Rush:	
Sampler's Name:	Payton Benner	Due Date:	

SAMPLE RECEIPT			
Temp Blank:	(Yes) No	Wet Ice:	(Yes) No
Temperature (°C):	1.4/1.2	Thermometer ID	TVM007
Received Intact:	(Yes) No		
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Total Containers:	

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	TPH (EPA 8015)	BTEX (EPA 0=8021)	Chloride (EPA 300.0)
BH01	S	11/23/21	9:31	0.5'	1	X	X	X
BH01A	S	11/23/21	9:42	~~0.5'~~ 2'	1	X	X	X
BH01B	s	11/23/21	9:50	~~0.5'~~ 3.75'	1	X	X	X

890-1634 Chain of Custody

Work Order Notes

TAT starts the day recevied by the lab, if received by 4:30pm

Sample Comments

Discrete
Discrete
Discrete

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010:** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** : Hg

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	y'benner		11.24.21 1043			
3				4		
5				6		

Revised Date 051418 Rev. 2018.1

Chain of Custody

XENCO LABORATORIES

Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334
Midland,TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock,TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000) www.xenco.com

Work Order No: _____

Page 1 of 1

12/9/2021

Project Manager:	Kalei Jennings	Bill to: (if different)	Kalei Jennings
Company Name:	WSP USA	Company Name:	WSP USA
Address:	3300 North A Street Bldg 1, Unit 222	Address:	3300 North A Street Bldg 1, Unit 222
City, State ZIP:	Midland, Texas 79705	City, State ZIP:	Midland, Texas 79705
Phone:	817-683-2503	Email:	kalei.jennings@wsp.com, payton.benner@wsp.com

Work Order Comments

Program: UST/PST ☐ RP ☐ Brownfields ☐ RC ☐ Superfund ☐
State of Project:
Reporting:Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Red Raider BKS State 001	Turn Around	
Project Number:	31403720.000 Task 09.02	Routine	☒
P.O. Number:		Rush:	
Sampler's Name:	Payton Benner	Due Date:	

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Temperature (°C):	1.4 / 1.2	Thermometer ID	TRM-007	
Received Intact:	(Yes) No			
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No (N/A)	Total Containers:		

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	TPH (EPA 8015)	BTEX (EPA 0=8021)	Chloride (EPA 300.0)	Sample Comments
BH01	S	11/23/21	12:00	0.5'	1	X	X	X	Discrete
BH01A	S	11/23/21	12:14	4'	1	X	X	X	Discrete

890-1633 Chain of Custody

Work Order Notes

TAT starts the day recevied by the lab, if received by 4:30pm

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Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** : Hg

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		11.24.21 1043	2		
3			4		
5			6		

Revised Date 051418 Rev. 2018.1

Eurofins Xenco, Carlsbad
1089 N Canal St.
Carlsbad NM 88220
Phone. 575-988-3199 Fax 575-988-3199

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Kramer Jessica	Carrier Tracking No(s)	COC No: 890-523 1
Client Contact: Shipping/Receiving	Phone.	E-Mail: jessica kramer@eurofinset.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Xenco		Accreditations Required (See note): NELAP - Louisiana, NELAP - Texas		Job #: 890-1634-1
Address: 1211 W Florida Ave ,	Due Date Requested: 12/3/2021			
City: Midland	TAT Requested (days):			
State Zip: TX 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email	WO #:			
Project Name: Eata Fajita C CTB	Project #: 89000048			
Site	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep Full TPH	300_ORGFM_28D/DI_LEACH Chloride	8021B/5036FP_Calc BTEX	Total_BTEX_GCV	8015MOD_Calc	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
BH01 (890-1634-1)	11/23/21	09 31 Mountain		Solid			X	X	X	X	X	1	
BH01A (890-1634-2)	11/23/21	09 42 Mountain		Solid			X	X	X	X	X	1	
BH01B (890-1634-3)	11/23/21	09 50 Mountain		Solid			X	X	X	X	X	1	

Note Since laboratory accreditations are subject to change, Eurofins Xenco LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Xenco LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Xenco LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Xenco LLC

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I II, III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		11/24/21			11.29.21	
2		Date/Time	Company	Received by	Date/Time 730	Company
3		Date/Time:	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.
		3.2/3.3

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: WSP USA Inc.

Job Number: 890-1634-1
SDG Number: 31403720.000 Task 06.02

Login Number: 1634
List Number: 1
Creator: Clifton, Cloe

List Source: Eurofins Xenco, Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: WSP USA Inc.

Job Number: 890-1634-1
SDG Number: 31403720.000 Task 06.02

Login Number: 1634
List Number: 2
Creator: Kramer, Jessica

List Source: Eurofins Xenco, Midland
List Creation: 11/29/21 02:35 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: WSP USA Inc.

Job Number: 890-1419-1
SDG Number: 31402909.12

Login Number: 1419
List Number: 1
Creator: Clifton, Cloe

List Source: Eurofins Xenco, Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: WSP USA Inc.

Job Number: 890-1419-1
SDG Number: 31402909.12

Login Number: 1419
List Number: 2
Creator: Kramer, Jessica

List Source: Eurofins Xenco, Midland
List Creation: 10/15/21 12:05 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.6/2.7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

ATTACHMENT 5: FINAL C-141

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # *(assigned by OCD)*
Contact mailing address	

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# *(if applicable)*

Unit Letter	Section	Township	Range	County

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release		

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
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Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

☐ The source of the release has been stopped.
☐ The impacted area has been secured to protect human health and the environment.
☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☐ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

E48 Spill Volume Estimate Form

Facility Name & Number:	Eata Fajita C CTB UL 0 SEC.8-T24S-R33E Lea County
Asset Area:	Delaware Basin North East
Release Discovery Date & Time:	10/7/2021 0700
Release Type:	Produced Water
Provide any known details about the event:	Liquid back pressure valve developed hole dime size, last visit at this facility was on 10/6/2021 at 11:00 am.

Spill Calculation - On Pad Surface Pool Spill

Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Deepest point in each of the areas (in.)	No. of boundaries of "shore" in each area	Estimated *Pool* Area (sq. ft.)	Estimated Average Depth (ft.)	Estimated volume of each pool area (bbl.)	Penetration allowance (ft.)	Total Estimated Volume of Spill (bbl.)	Percentage of Oil if Spilled Fluid is a Mixture	Total Estimated Volume of Spilled Oil (bbl.)	Total Estimated Volume of Spilled Liquid other than Oil (bbl.)
Rectangle A	85.0	23.0	1.00	4	1955.000	0.021	7.250	0.001	7.257			
Rectangle B					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle C					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle D					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle E					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle F					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle G					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle H					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle I					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle J					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
								Total Volume Release:	7.257			

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2129830369
District RP	
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?	>100 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ 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)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ 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?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ 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.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2129830369
District RP	
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: Kelsy Waggaman Title: Environmental Engineer

Signature:  Date: 12/20/2021

email: Kelsy.Waggaman@conocophillips.com Telephone: (432)-688-9057

OCD Only

Received by: _____ Date: _____

Incident ID	NAPP2129830369
District RP	
Facility ID	
Application ID	

Closure

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

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

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☒ Description of remediation activities

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

Printed Name: Kelsy Waggaman Title: Environmental Engineer

Signature: _____ Date: 12/20/2021

email: kelsy.waggaman@conocophillips.com Telephone: (432) 668-9057

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: _____

Printed Name: _____ Title: _____

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 69447

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 69447
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	1/18/2022