SITE INFORMATION

Report Type: Closure Report NCE2003542701

General Site Information:						
Site:	**EVGSAU 3332-519 Flowline Release**					
Company:	**ConocoPhillips**					
Section, Township and Range	**Unit Letter I**	**Sec. 32**	**T 17S**	**R 35 E**		
Lease Number:	**Associated API No. 30-025-42115**					
County:	**Lea**					
GPS:	**32.788462°**			**-103.475532°**		
Surface Owner:	**State**					
Mineral Owner:	**State**					
Directions:	Depart from Hobbs. Head toward S Morris St on E Marland Blvd (US-62/US-180). 15 miles. Turn right onto NM-529. Go 2.4 miles. Turn right onto State Highway 238 (NM-238). Go 6 miles. Turn right. Go 1.3 miles. Turn left. Go 0.3 miles. Turn Right. Go 0.3 miles. Turn left and travel 700 feet. Arrive at location. Site is on the right side of the road.					

Release Data:		
Date Released:	1/10/2020	
Type Release:	Produced Water/Oil	
Source of Contamination:	Flowline leak	
Fluid Released:	65.5 bbl	
Fluids Recovered:	5 bbl	

Official Communication:			
Name:	Marvin Soriwei		Christian M. Llull
Company:	Conoco Phillips - RMR		Tetra Tech
Address:	935 N. Eldridge Pkwy.		8911 North Capital of Texas Highway
			Building 2, Suite 2310
City:	Houston, Texas 77079		Austin, Texas
Phone number:	(832) 486-2730		(512) 338-2861
Fax:			
Email:	marvin.soriwei@conocophillips.com		christian.llull@tetratech.com

Site Characterization	
Shallowest Depth to Groundwater:	*85' 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 la	*No*
Extents within 300 feet of an occupied structure:	*No*
Extents within 500 horizontal feet of a private water wel	*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)***	***TPH (GRO+DRO+MRO)***	***Chlorides***
10 mg/kg	*50 mg/kg*	*1,000 mg/kg*	*2,500 mg/kg*	*10,000 mg/kg*

TETRA TECH

February 2, 2021

District Supervisor
Oil Conservation Division, District 1
1625 North French Drive
Hobbs, New Mexico 88240

Re: Closure Report
ConocoPhillips
EVGSAU 3332-519 Flowline Release
Unit Letter I, Section 32, Township 17 South, Range 35 East
Lea County, New Mexico
Incident ID# NCE2003542701

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips (COP) to assess a release that occurred from a flowline associated with the East Vacuum Grayburg-San Andres Unit (EVGSAU) 3332-519 well (Associated API No. 30-025-42115), approximately 2,200 feet west-northwest of the wellhead. The release footprint is located in Public Land Survey System (PLSS) Unit Letter I, Section 32, Township 17 South, Range 35 East, in Lea County, New Mexico (Site). The approximate release point occurred at coordinates 32.788462°, -103.475532°, as shown on Figures 1 and 2.

BACKGROUND

According to the State of New Mexico C-141 Initial Report (Appendix A), the release was discovered on January 10, 2020. The release occurred as the result of a flowline rupture and encompassed an area of roughly 6,010 square feet. Approximately 55.5 barrels (bbls) of produced water and 10 bbls of oil were released, of which 2.5 bbls of produced water and 2.5 bbls of oil were recovered. The New Mexico Oil Conservation District (NMOCD) received the C-141 report form for the release on January 21, 2020. The NMOCD Incident ID for this release is NCE2003542701. A duplicate C-141 for the same release appears within the NMOCD Incident File database. It is apparent that an identical duplicate incident was submitted for the same exact release, same day, same volume by COP personnel. That incident ID is nVV2003548643, however, all correspondence to date has been tracked and can be found in the online image data base under the incident # NCE2003542701.

SITE CHARACTERIZATION

A site characterization was performed and no watercourses, sinkholes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, springs, playa lakes, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the distances specified in 19.15.0029 New Mexico Administrative Code (NMAC). The Site is in an area of low karst potential.

According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there is one water well within a 600-meter radius of the release point. This well is located in the Public Land Survey System (PLSS) Section 32, Township 17 South, and Range 35 East with depth to groundwater at 85 feet below ground surface (bgs). The site characterization data is included in Appendix B.

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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 petroleum hydrocarbons (TPH), and chlorides in soil.

Based on the site characterization, the RRALs for the Site are as follows:

Constituent	RRAL
Chloride (0-4 ft bgs)	600 mg/kg
Chloride (>4 ft bgs)	10,000 mg/kg
TPH (0-4 ft bgs)	100 mg/kg
TPH (>4 bgs)	2,500 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

INITIAL ASSESSMENT ACTIVITIES AND SAMPLING RESULTS

As a portion of initial response, on February 18, 2020, COP personnel collected surface soil samples from twenty-four (24) locations within the release extent. These soil samples were sent to Cardinal Laboratories in Hobbs, New Mexico to be analyzed for chloride via EPA Method SM45000Cl-B, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B. Sample locations are shown in Figure 3.

Analytical results associated with all twenty-four (24) sample locations exceeded the reclamation concentration of 600 mg/kg chloride required by NMOCD regulations. The analytical results associated with the majority of the soil samples exceeded the reclamation concentration for TPH (100 mg/kg) in the upper four feet. There were no detections of benzene in any of the analyzed samples, however, there were analytical results which exceeded the total BTEX RRAL at the SP#9 location. Sample results from the initial assessment are summarized in Table 1. Neither horizontal nor vertical delineation of the release was achieved during this assessment.

INITIAL RESPONSE

In accordance with 19.15.29.8. B. (4) NMAC that states “the responsible party may commence remediation immediately after discovery of a release”, ConocoPhillips elected to begin remediation of the impacted area in 2020. The footprint of the release was excavated by COP personnel with heavy equipment to approximately 1-foot below ground surface (bgs) to remove the visually impacted soils. Figure 3 depicts the release extent, the February 2020 sampling locations and the excavated area. Impacted soil was disposed of in a permitted landfill facility.

ADDITIONAL SITE ASSESSMENT

In order to achieve horizontal and vertical delineation of the release extent, Tetra Tech personnel were onsite to delineate and sample the release area on May 13, 2020 on behalf of ConocoPhillips. A total of five (5) borings (BH-1 through BH-5) were installed using an air rotary drilling rig to various depths. Two (2) borings (BH-4 and BH-5) were installed within the release extent to a depth of 20 feet bgs to achieve vertical delineation. The remaining 3 borings (BH-1 through BH-3) were installed along the perimeter of the release extent (to the east, south and west, respectively) to a depth of 10 feet bgs to achieve horizontal delineation. Due to steel surface lines in the vicinity of the release, the air rotary drilling rig could not access the area north of the release extent. Therefore, one (1) hand auger boring (AH-1) was installed along the northern perimeter to a depth of 1-foot bgs to achieve horizontal delineation north of the release extent. Figure 4 depicts the release extent, excavated area and the May 2020 soil boring locations.

SUMMARY OF RELEASE CHARACTERIZATION AND ADDITIONAL ASSESSMENT

The results of the soil sampling event in May 2020 are summarized in Table 2. The boring locations are shown in Figure 4. The analytical results associated with the BH-5 sample location exceeded the Site chloride RRAL of 600 mg/kg in the 2-3' sample interval. There were no other analytical results which exceeded the chloride RRAL (600 mg/kg) during the additional assessment. The excavation floor was visibly impacted by the release and recent rains. Thus, there are no analytical results from the 1'-2' interval (open excavation floor) within the footprint. The analytical results associated with the remainder of the samples analyzed were below the BTEX or TPH Site RRALs of 50 mg/kg and 100 mg/kg, respectively.

REMEDIATION WORK PLAN AND ALTERNATIVE CONFIRMATION SAMPLE PLAN

The Release Characterization Work Plan (Work Plan) was prepared by Tetra Tech on behalf of ConocoPhillips and submitted to NMOCD on July 24, 2020 with fee application payment PO Number L91OT-200724-C-1410. The Work Plan described the results of the release assessment and provided characterization of the impact at the site. The Work Plan was approved via email by Cristina Eads on Monday, September 21, 2020.

Cristina Eads stated the following conditions of the approval:

- *"The Recommended Remedial Action Levels for soils 0-4' below ground surface will include that TPH concentrations do not exceed 100 mg/kg."*

REMEDIATION ACTIVITIES AND CONFIRMATION SAMPLING

From October 26, 2020 through November 24, 2020, Tetra Tech personnel were onsite to supervise the remediation activities proposed in the approved Work Plan, including excavation, disposal, and confirmation sampling. Prior to initiating remedial activities, several Fiberspar lines were moved north of the proposed excavation area to avoid damaging the lines. 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 thirty-nine (39) floor sample locations and twenty-three (23) sidewall sample locations were collected during the remedial activities. Confirmation sidewall sample locations were categorized with the cardinal direction (N, E, S, W) followed by SW-#. Confirmation floor sample locations were labeled with "FS"-#. Selected areas required additional excavation to collect a representative sample that was below the respective RRALs for that location. As the analytical results associated with these sample locations exceeded the respective RRAL, additional excavation was conducted at those locations until field screening results indicated closure criteria were attained.

Iterative confirmation samples were located to encompass the original sample locations that triggered removal (nomenclature defined in Table 3) 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. Excavated areas, depths and confirmation sample locations are shown in Figure 5.

Collected confirmation samples were placed into laboratory-provided sample containers, transferred under chain-of-custody, and analyzed within appropriate holding times by Pace Analytical (Pace). 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 8021B, and chlorides by EPA Method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C.

Per the NMOCD approved Work Plan, the western portion of the release extent was excavated to 2 additional feet below existing grade (for a total of 3 feet below surrounding grade) and the eastern portion of the release extent was excavated to 1 additional foot below existing grade (for a total of 2 feet below surrounding grade). Areas along two steel surface lines in the release footprint were hand dug to the maximum extent practicable to remove impacted soil. Analytical results associated with nine (9) floor sample locations (FS-17 and FS-22 through FS-29) exceeded reclamation RRALs for chlorides (600 mg/kg). These locations were deepened, and additional confirmation samples were collected. Analytical results associated with central sidewall samples CSW-1 through CSW-3 were above RRALs for chloride and/or TPH. The central sidewall samples were initially collected to differentiate between excavation depths. The impacted soil at these locations was removed making the excavation floor depth uniform at these locations; therefore, iterative samples were not collected at the central sidewall locations. After iterative confirmation sampling at the floor sample locations, all final confirmation soil samples (floor and sidewall) were below the respective RRALs for chloride, BTEX, and TPH. The results of the November 2020 confirmation sampling events are summarized in Table 3.

All the excavated material was transported offsite for proper disposal. Approximately 1,378 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 D. 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 remediated areas contain soil backfill consisting of suitable material to establish vegetation at the site. Copies of the waste manifests are included in Appendix E.

As prescribed in the Work Plan, the backfilled areas were seeded to aid in revegetation. Based on the soils at the site and the approved Work Plan, the New Mexico State Land Office (NMSLO) Sandy Loam (SL) Sites Seed Mixture was used for seeding and was planted in the amount specified in the pounds pure live seed (PLS) per acre. The seed mixture was spread by cart-pulled seed drill equipped with a depth regulator.

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 NMSLO 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 or Greg at (432) 682-4559.

Sincerely,
Tetra Tech, Inc.

Christian M. Llull, P.G.
Project Manager

Greg W. Pope, P.G.
Program Manager

cc:
Mr. Marvin Soriwei, RMR – ConocoPhillips
Mr. Charles Beauvais, GPBU - ConocoPhillips

LIST OF ATTACHMENTS

Figures:

Figure 1 – Overview Map
Figure 2 – Site Location/Topographic Map
Figure 3 – Initial Response and Assessment
Figure 4 – Release Assessment Map
Figure 5 – Remediation Extent and Confirmation Sample Locations

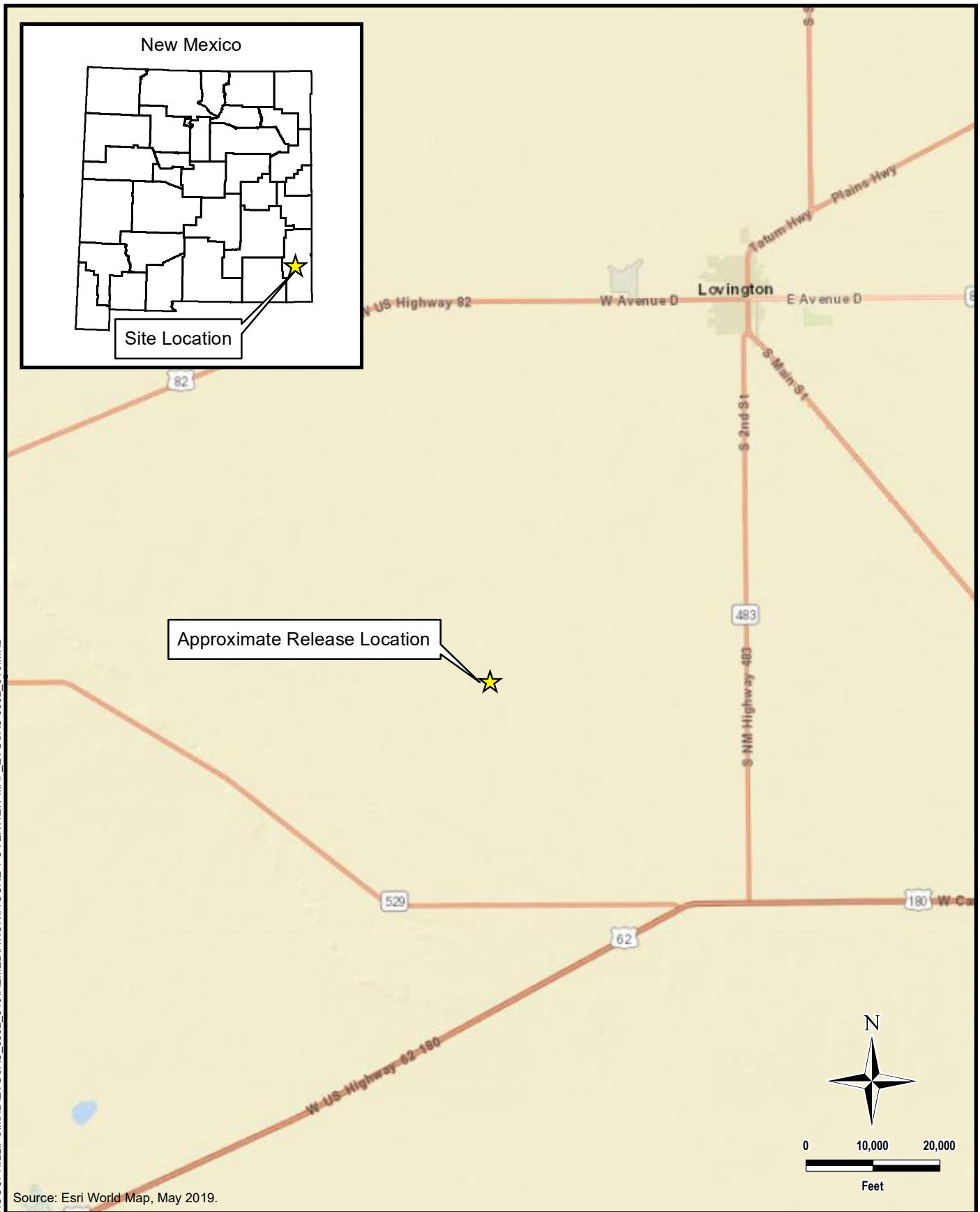
Tables:

Table 1 – Summary of Analytical Results – Initial Soil Assessment
Table 2 – Summary of Analytical Results – Additional Soil Assessment
Table 3 – Summary of Analytical Results – Confirmation Sampling

Appendices:

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

FIGURES



Source: Esri World Map, May 2019.

DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\EVGSAU_3332_519\REMEDIATION\FIGURE 1 OVERVIEW MAP_EVGSAU 3332_519.MXD

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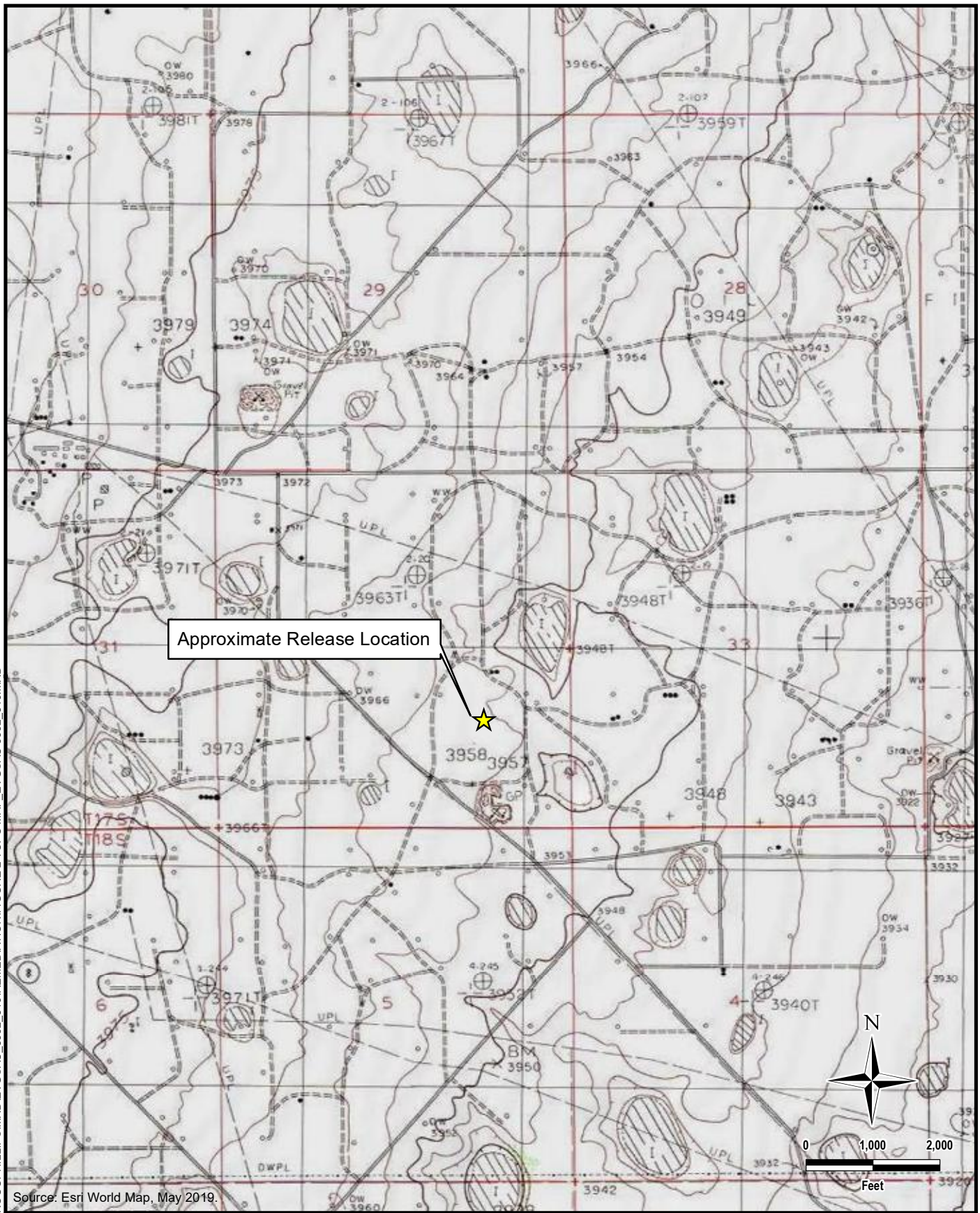
CONOCOPHILLIPS

NCE2003542701
(32.788462°, -103.475532°)
LEA COUNTY, NEW MEXICO

EVGSAU 3332-519 FLOWLINE RELEASE
OVERVIEW MAP

PROJECT NO.:	212C-MD-02337
DATE:	JANUARY 29, 2021
DESIGNED BY:	AAM

Figure No.
1



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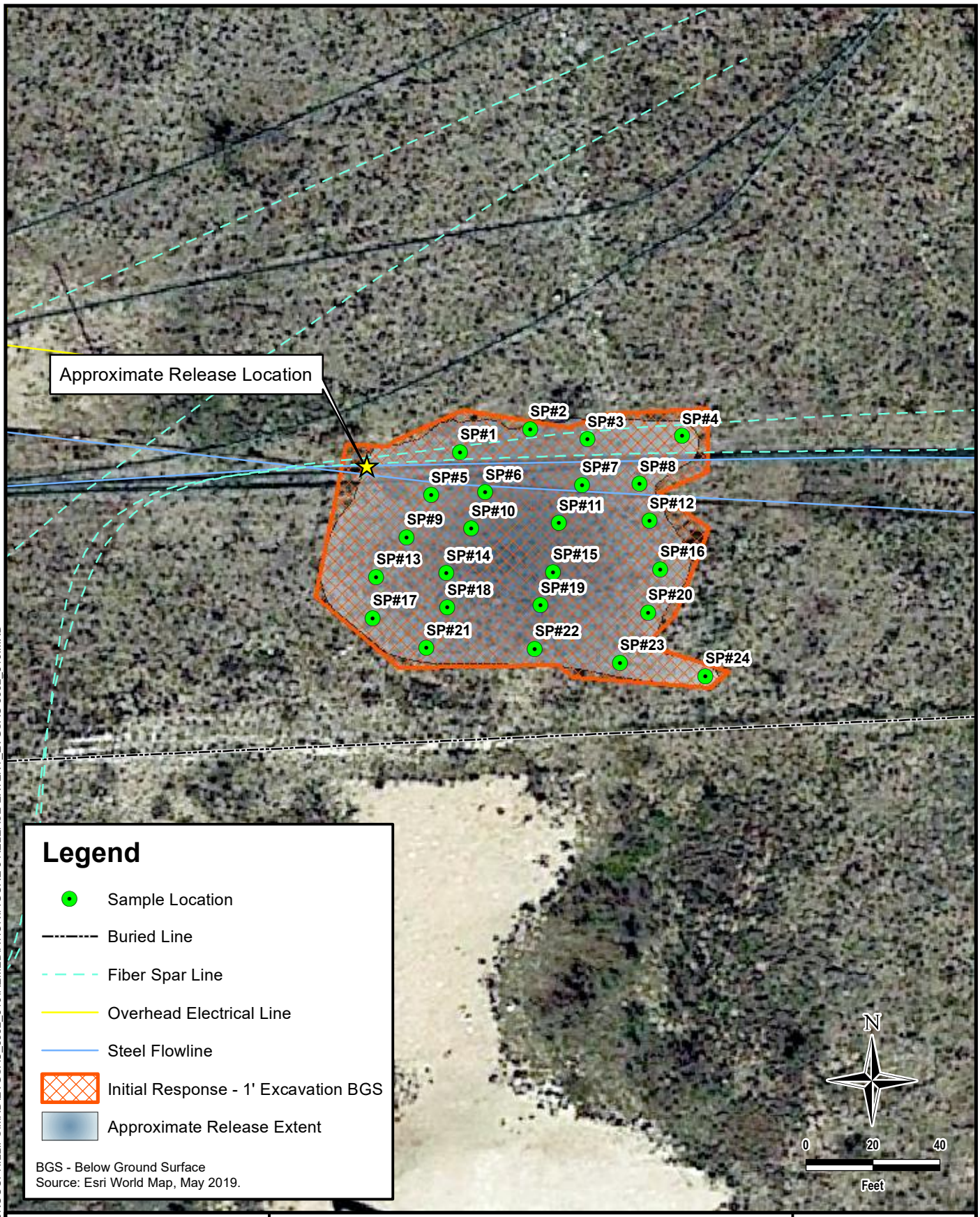
CONOCOPHILLIPS

NCE2003542701
(32.788462°, -103.475532°)
LEA COUNTY, NEW MEXICO

EVGSAU 3332-519 FLOWLINE RELEASE
TOPOGRAPHIC MAP

PROJECT NO.:	212C-MD-02141
DATE:	JANUARY 29, 2021
DESIGNED BY:	AAM

Figure No.
2



DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\EVGSAU_3332_519\REMEDIATION\FIGURE 3 RELEASE EXTENT_EVGSAU 3332_519.MXD

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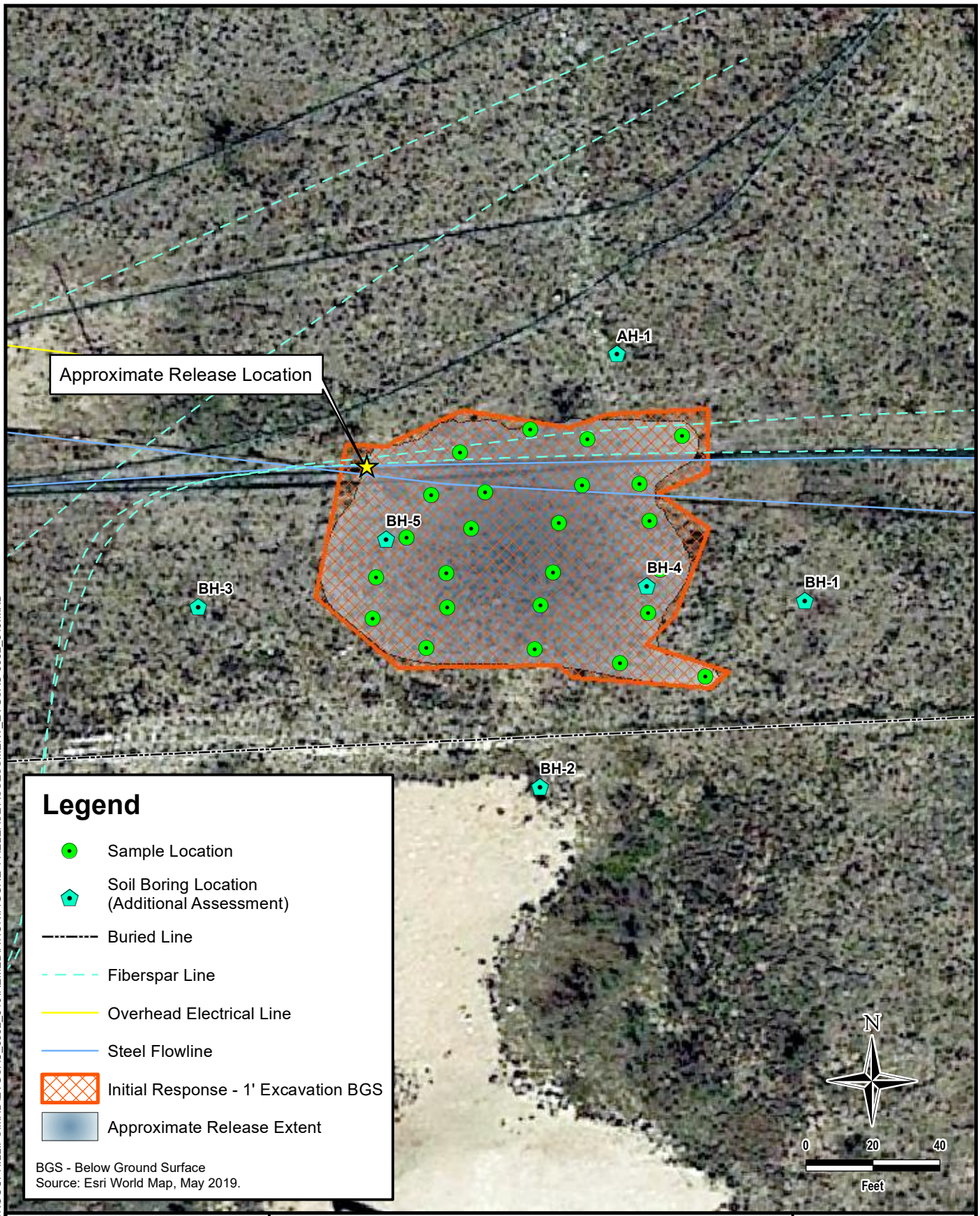
CONOCOPHILLIPS

NCE2003542701
(32.788462°, -103.475532°)
LEA COUNTY, NEW MEXICO

EVGSAU 3332-519 FLOWLINE RELEASE
INITIAL RESPONSE AND ASSESSMENT

PROJECT NO.:	212C-MD-02337
DATE:	JANUARY 06, 2021
DESIGNED BY:	AAM

Figure No.
3



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CONOCOPHILLIPS

NCE2003542701
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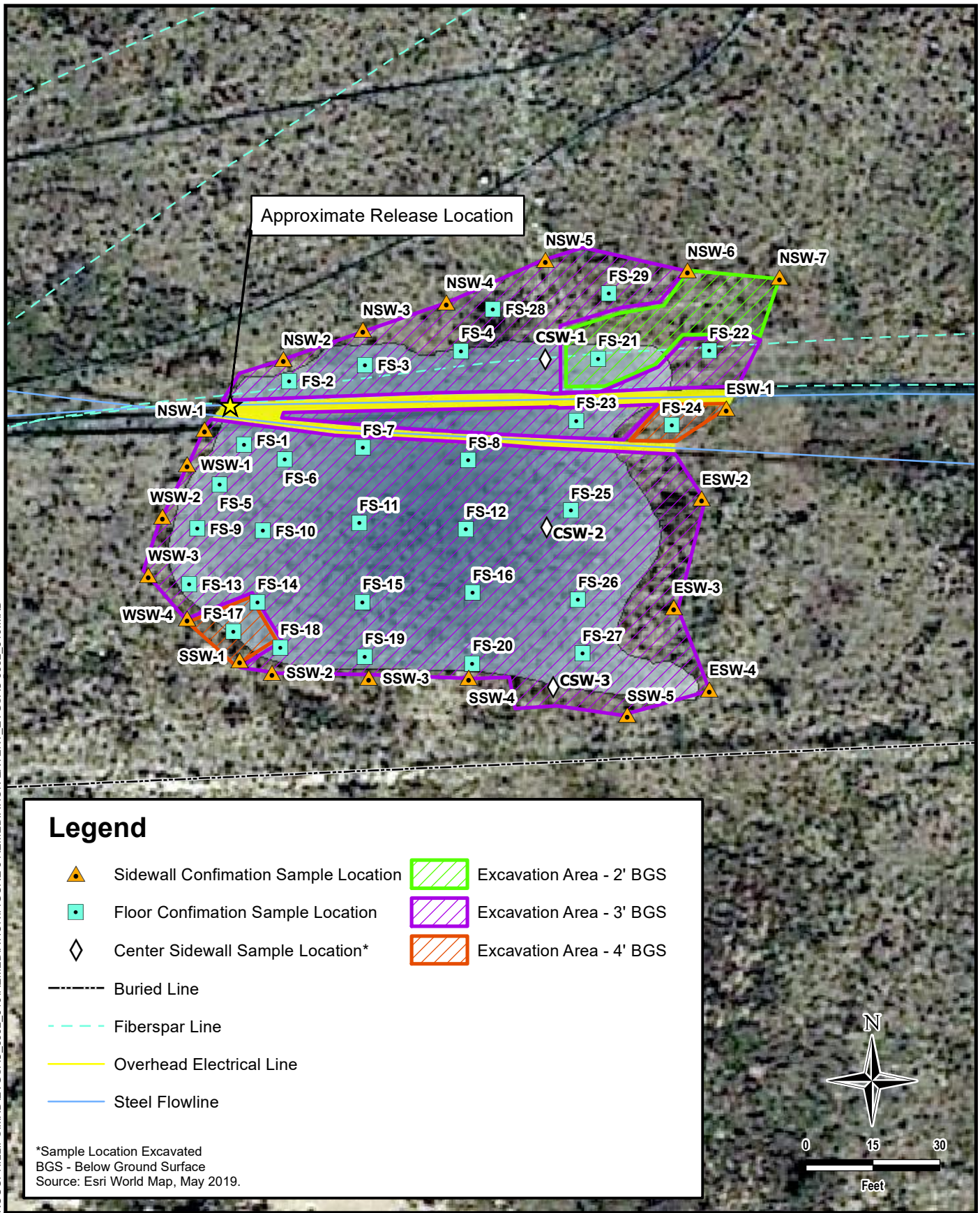
LEA COUNTY, NEW MEXICO

EVGSAU 3332-519 FLOWLINE RELEASE
RELEASE ASSESSMENT MAP

PROJECT NO.:	212C-MD-02337
DATE:	JANUARY 06, 2021
DESIGNED BY:	AAM

Figure No.
4



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CONOCOPHILLIPS

NCE2003542701
(32.788462°, -103.475532°)
LEA COUNTY, NEW MEXICO

EVGSAU 3332-519 FLOWLINE RELEASE
REMEDIATION EXTENT AND CONFIRMATION SAMPLING LOCATIONS

PROJECT NO.:	212C-MD-02337
DATE:	JANUARY 06, 2021
DESIGNED BY:	AAM

Figure No.
5

TABLES

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
INITIAL SOIL ASSESSMENT - NCE2003542701
CONOCOPHILLIPS
EVGSAU 3332-519 FLOWLINE RELEASE LEA
COUNTY, NM

Sample ID	Sample Date	Sample Depth Interval	Chloride[1]		BTEX[2]										TPH[3]							
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO[4] C_3 - C_{10}		DRO C_{10} - C_{28}		ORO C_{28} - C_{40}		Total TPH	
		ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg		mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	
SP#1	2/18/2020	0.5	***4400***		<0.050		<0.050		<0.050		<0.150		<0.300		<.10.0		<.10.0		<.10.0		-	
SP#2	2/18/2020	0.5	***7360***		<0.050		<0.050		<0.050		<0.150		<0.300		10.1		2340		579		***2929***	
SP#3	2/18/2020	0.5	***8320***		<0.050		<0.050		<0.050		<0.150		<0.300		19.9		6850		1130		***7999.9***	
SP#4	2/18/2020	0.5	***9200***		<0.050		<0.050		<0.050		<0.150		<0.300		<.10.0		2790		577		***3367***	
SP#5	2/18/2020	0.5	***10600***		<0.050		<0.050		<0.050		<0.150		<0.300		<.10.0		109		27.1		***136.1***	
SP#6	2/18/2020	0.5	***20400***		<0.050		0.090		0.397		1.02		1.50		34.6		2510		478		***3023***	
SP#7	2/18/2020	0.5	***14000***		<0.050		0.098		0.754		2.18		3.03		234		18700		3300		***22234***	
SP#8	2/18/2020	0.5	***11000***		<0.050		<0.050		0.050		<0.150		<0.300		<.10.0		3670		684		***4354***	
SP#9	2/18/2020	0.5	***7200***		<0.050		4.03		31.1		57.9		93.1		1200		13000		1900		***16100***	
SP#10	2/18/2020	0.5	***14400***		<0.050		0.118		0.645		1.51		2.27		62.4		4970		866		***5898.4***	
SP#11	2/18/2020	0.5	***20600***		<0.050		0.060		0.154		0.365		0.579		21.8		5160		1090		***6272***	
SP#12	2/18/2020	0.5	***13200***		<0.050		0.053		0.143		0.452		0.648		46.4		7190		1180		***8416***	
SP#13	2/18/2020	0.5	***9600***		<0.050		<0.050		<0.050		<0.150		<0.300		<.10.0		3780		693		***4473***	
SP#14	2/18/2020	0.5	***28400***		<0.050		0.150		0.577		1.24		1.97		54.2		6330		987		***7371***	
SP#15	2/18/2020	0.5	***12200***		<0.050		0.220		0.975		2.02		3.22		72.2		4150		654		***4876***	
SP#16	2/18/2020	0.5	***15400***		<0.050		0.060		0.319		0.821		1.20		18.8		1330		252		***1600.8***	
SP#17	2/18/2020	0.5	***9600***		<0.050		<0.050		<0.050		<0.150		<0.300		<.10.0		690		167		***857***	
SP#18	2/18/2020	0.5	***10400***		<0.050		2.45		9.04		16.6		28.1		195		2470		402		***3067***	
SP#19	2/18/2020	0.5	***10600***		0.106		3.42		12.5		21.0		36.9		258		2610		447		***3315***	
SP#20	2/18/2020	0.5	***5920***		<0.050		<0.050		<0.050		<0.150		<0.300		<.10.0		22.3		<.10.0		22.3	
SP#21	2/18/2020	0.5	***12400***		<0.050		<0.050		<0.050		<0.150		<0.300		<.10.0		2300		560		***2860***	
SP#22	2/18/2020	0.5	***17400***		<0.050		<0.050		<0.050		<0.150		<0.300		<.10.0		5390		1180		***6570***	
SP#23	2/18/2020	0.5	***6800***		<0.050		<0.050		<0.050		<0.150		<0.300		<.10.0		18.2		<.10.0		18.2	
SP#24	2/18/2020	0.5	***9600***		<0.050		<0.050		<0.050		<0.150		<0.300		<.10.0		868		220		***1088.0***	

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
ORO Oil range organics
1 EPA Method 300.0
2 EPA Method 8260B
3 EPA Method 8015
4 EPA Method 8015D/GRO

Bold and italicized values indicate exceedance of proposed RRALs

1 EPA Method SM45000Cl-B
2 EPA Method 8021B
3 EPA Method 8015M

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
ADDITIONAL SOIL ASSESSMENT - NCE2003542701
CONOCOPHILLIPS
EVGSAU 3332-519 FLOWLINE RELEASE
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth Interval	Field Screening Results		Chloride[1]		BTEX[2]								TPH[3]						
			Chloride	PID			Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX	GRO[4] C_3 - C_{10}		DRO C_{10} - C_{28}		ORO C_{28} - C_{40}		Total TPH (GRO+DRO+ORO)
		ft. bgs	ppm		mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg
AH-1	5/13/2020	0-1	-	-	< 20.3		< 0.00102		< 0.00508		< 0.00254		< 0.00660		-	0.0380	B J	3.19	J	13.9		17.1
BH-1	5/13/2020	0-1	194	2.5	< 20.8		< 0.00104		< 0.00520		< 0.00260		< 0.00676		-	< 0.104		4.98		7.13		12.1
		2-3	-	1.4	10.3	J	< 0.00103		< 0.00516		< 0.00258		< 0.00671		-	< 0.103		3.13	J	2.58	J	5.71
		4-5	95.1	1.1	10.3	J	< 0.00103		< 0.00514		< 0.00257		< 0.00668		-	0.0377	J	< 4.11		< 4.11		0.0377
		6-7	-	0.9	< 20.5		< 0.00102		< 0.00512		< 0.00256		< 0.00665		-	< 0.102		< 4.09		< 4.09		-
		9-10	86.1	1.0	< 20.5		< 0.00409		< 0.0205		< 0.0102		< 0.0266		-	< 0.102		< 4.09		< 4.09		-
BH-2	5/13/2020	0-1	351	1.9	137		< 0.00104		< 0.00522		< 0.00261		< 0.00679		-	< 0.104		4.80		11.2		16.0
		2-3	420	1.2	136		< 0.00105		< 0.00524		< 0.00262		< 0.00681		-	< 0.105		< 4.19		3.11	J	3.11
		4-5	551	1.3	220		< 0.00107		< 0.00536		< 0.00268		< 0.00696		-	< 0.107		< 4.28		1.03	J	1.03
		6-7	334	1.8	189		< 0.00103		< 0.00516		< 0.00258		< 0.00671		-	< 0.103		< 4.13		0.482	J	0.482
		9-10	209	1.1	112		< 0.00101		< 0.00505		< 0.00253		< 0.00657		-	0.0252	B J	< 4.04		< 4.04		0.0252
BH-3	5/13/2020	0-1	191	1.2	21.7		< 0.00105		< 0.00527		< 0.00263		< 0.00685		-	< 0.105		< 4.21		1.35	J	1.35
		2-3	170	1.4	24.8		< 0.00104		< 0.00518		< 0.00259		< 0.00674		-	< 0.104		< 4.14		0.538	J	0.538
		4-5	105	1.1	11.0	J	< 0.00104		< 0.00520		< 0.00260		< 0.00675		-	< 0.104		< 4.16		0.447	J	0.447
		6-7	121	0.9	< 20.7		< 0.00104		< 0.00518		< 0.00259		< 0.00674		-	< 0.104		< 4.15		< 4.15		-
		9-10	99.0	1.3	< 21.1		< 0.00106		< 0.00528		< 0.00264		< 0.00687		-	< 0.106		< 4.23		< 4.23		-
BH-4	5/13/2020	1-2	-	-	NA		NA		NA		NA		NA		-	NA		NA		NA		-
		2-3	-	-	13.3	J	< 0.00103		< 0.00514		< 0.00257		< 0.00669		-	0.0238	B J	< 4.12		1.08	J	1.10
		4-5	-	-	< 20.9		< 0.00105		< 0.00523		< 0.00262		< 0.00680		-	< 0.105		< 4.19		< 4.19		-
		6-7	95.3	2.3	< 21.2		< 0.00106		< 0.00530		< 0.00265		< 0.00689		-	< 0.106		< 4.24		< 4.24		-
		9-10	-	1.9	< 21.9		< 0.00109		< 0.00546		< 0.00273		< 0.00710		-	< 0.109		< 4.37		< 4.37		-
		14-15	-	1.6	NA		NA		NA		NA		NA		-	NA		NA		NA		-
		19-20	70.4	1.1	NA		NA		NA		NA		NA		-	NA		NA		NA		-
BH-5	5/13/2020	1-2	-	-	NA		NA		NA		NA		NA		-	NA		NA		NA		-
		2-3	-	-	***940***		< 0.00106		< 0.00528		< 0.00264		< 0.00686		-	< 0.106		< 4.22		1.53	J	1.53
		4-5	-	-	145		< 0.00103		< 0.00514		< 0.00257		< 0.00669		-	< 0.103		< 4.12		< 4.12		-
		6-7	80.4	1.4	< 20.6		< 0.00103		< 0.00515		< 0.00257		< 0.00669		-	< 0.103		< 4.12		< 4.12		-
		9-10	-	1.1	< 20.3		< 0.00102		< 0.00508		< 0.00254		< 0.00660		-	< 0.102		< 4.06		< 4.06		-
		14-15	-	0.4	NA		NA		NA		NA		NA		-	NA		NA		NA		-
		19-20	79.1	1.2	NA		NA		NA		NA		NA		-	NA		NA		NA		-

NOTES:

ft.	Feet
bgs	Below ground surface
ppm	Parts per million
mg/kg	Milligrams per kilogram
NA	Not analyzed
TPH	Total Petroleum Hydrocarbons
GRO	Gasoline range organics
DRO	Diesel range organics
ORO	Oil range organics

Bold and italicized values indicate exceedance of proposed RRALs

Shaded rows indicate depth intervals proposed for excavation and remediation.

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 3
SUMMARY OF ANALYTICAL RESULTS
CONFIRMATION SAMPLING - NCE2003542701
CONOCOPHILLIPS
EVGSAU 3332-519 FLOWLINE RELEASE
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Field Screening Results		Chloride[1]		BTEX[2]										TPH[3]							
							Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO[4]		DRO		ORO		Total TPH (GRO+DRO+ORO)	
			Chloride	PID													C_3 - C_{10}		C_{10} - C_{28}		C_{28} - C_{40}			
		ft. bgs	ppm		mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg		mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	
FS-1	11/5/2020	3	208	51.6	141		< 0.00103		< 0.00513		< 0.00256		< 0.00666		-		< 0.101		< 4.05	J3	< 4.05		-	
FS-2	11/5/2020	3	164	42.8	440		< 0.00108		< 0.00541		< 0.00270		< 0.00703		-		< 0.104		7.15		6.87		14.0	
FS-3	11/5/2020	3	292	47.4	159		< 0.00102		< 0.00508		< 0.00254		< 0.00660		-		< 0.101		6.03		12.4		18.4	
FS-4	11/5/2020	3	361	68.7	209		< 0.00429		< 0.0214		< 0.0107		< 0.0279		-		< 0.104		2.52	J	1.79	J	4.31	
FS-5	11/5/2020	3	110	61.1	35.1		< 0.00101		< 0.00504		< 0.00252		< 0.00656		-		< 0.100		2.76	J	4.41		7.17	
FS-6	11/5/2020	3	218	-	167		< 0.00105		< 0.00523		< 0.00262		< 0.00680		-		< 0.102		4.52		8.45		13.0	
FS-7	11/5/2020	3	305	-	232		< 0.00131		< 0.00657		< 0.00328		< 0.00854		-		< 0.102		40.6		33.2		73.8	
FS-8	11/5/2020	3	439	-	320		< 0.00112		< 0.00562		< 0.00281		< 0.00731		-		< 0.106		5.13		4.17	J	9.30	
FS-9	10/30/2020	3	400	43.1	235		< 0.00108		< 0.00540		< 0.00270		< 0.00702		-		0.0291	B J	< 4.16		1.08	J	1.11	
FS-10	10/30/2020	3	136	44.6	57.8		< 0.00110		< 0.00549		< 0.00274		0.00124	J	0.00124		0.0301	B J	< 4.19		1.32	J	1.35	
FS-11	11/5/2020	3	186	84.3	197		< 0.00104		< 0.00522		< 0.00261		< 0.00679		-		< 0.102		15.0		16.3		31.3	
FS-12	11/5/2020	3	370	-	282		< 0.00107		< 0.00536		< 0.00268		0.000965	J	0.000965		< 0.104		9.32		12.7		22.0	
FS-13	11/5/2020	3	291	-	35.2		< 0.00101		< 0.00506		< 0.00253		< 0.00658		-		< 0.101		1.66	J	2.99	J	4.65	
FS-14	10/30/2020	3	411	61.2	234		< 0.00105		< 0.00524		< 0.00262		< 0.00682		-		0.0269	B J	< 4.10		1.74	J	1.77	
FS-15	11/5/2020	3	293	85.7	237		< 0.00111		< 0.00557		< 0.00278		< 0.00724		-		< 0.106		3.35	J	2.76	J	6.11	
FS-16	11/5/2020	3	504	-	275		< 0.00109		< 0.00546		< 0.00273		< 0.00710		-		0.0623	J	1.79	J	1.21	J	3.06	
FS-17	10/30/2020	3	417	59.6	157		< 0.00108		< 0.00540		< 0.00270		< 0.00702		-		0.0296	B J	32.4		113		145	
FS-17 (4')*	11/10/2020	4	-	-	675		< 0.00118		< 0.00588		< 0.00294		< 0.00764		-		< 0.109		< 4.35		0.872	B J	0.872	
FS-18	10/30/2020	3	550	62.4	272		< 0.00105	J3	< 0.00526	J3	< 0.00263	J3	< 0.00684	J3	-		0.0280	B J	< 4.11		1.33	J	1.36	
FS-19	11/5/2020	3	461	-	398		< 0.00108		< 0.00538		< 0.00269		< 0.00699		-		< 0.104		7.68		6.52		14.2	
FS-20	11/5/2020	3	497	-	261		< 0.00112		< 0.00559		< 0.00280		< 0.00727		-		< 0.106		4.41		1.86	J	6.27	
FS-21	11/5/2020	2	505	44.8	187		< 0.00107		< 0.00536		< 0.00268		< 0.00697		-		< 0.104		2.79	J	< 4.14		2.79	
FS-22	11/5/2020	2	521	-	***629***		< 0.00106		< 0.00531		< 0.00266		< 0.00690		-		< 0.103		136		266		***402***	
FS-22 (3')*	11/12/2020	3	-	-	151		< 0.00116		< 0.00580		< 0.00290		< 0.00754		-		0.0270	B J	24.7		52.3		77.0	
FS-23	11/5/2020	2	449	-	***638***		< 0.00106		< 0.00531		< 0.00266		< 0.00690		-		< 0.103		151		286		***437***	
FS-23 (3')*	11/12/2020	3	-	-	36.5		< 0.00116		< 0.00582		< 0.00291		< 0.00757		-		0.0285	B J	10.8		22.0		32.8	
FS-24	11/5/2020	2	399	-	***615***		< 0.00106		< 0.00531		< 0.00266		< 0.00691		-		< 0.103		113		237		***350***	
FS-24 (3')	11/12/2020	3	-	-	148		< 0.00108		< 0.00542		< 0.00271		< 0.00705		-		0.0281	B J	34.4		78.3		***113***	
FS-24 (4')*	11/17/2020	4	-	-	277		< 0.00108		< 0.00538		< 0.00269		< 0.00700		-		< 0.104		18.9		29.5		48.4	
FS-25	11/5/2020	2	560	71.4	541		< 0.00106		< 0.00532		< 0.00266		< 0.00692		-		< 0.103		149		323		***472***	
FS-25 (3')*	11/11/2020	3	-	-	94.3		< 0.00120		< 0.00598		< 0.00299		< 0.00778		-		0.0270	B J	< 4.39		0.502	J	0.529	
FS-26	11/5/2020	2	630	67.8	591		< 0.00106		< 0.00529		< 0.00265		< 0.00688		-		< 0.103		192		467		***659***	
FS-26 (3')*	11/11/2020	3	-	-	34.8		< 0.00109		< 0.00547		< 0.00274		< 0.00711		-		0.0263	B J	< 4.19		0.758	J	0.758	
FS-27	11/5/2020	2	490	-	365		< 0.00107		< 0.00533		< 0.00266		< 0.00692		-		0.0443	J	70.6		180		***251***	
FS-27 (3')*	11/11/2020	3	-	-	121		< 0.00109		< 0.00546		< 0.00273		< 0.00710		-		0.0287	B J	< 4.19		0.900	J	0.929	
FS-28 (1.5')	11/5/2020	1.5	-	-	***1570***		< 0.00111		< 0.00556		< 0.00278		< 0.00723		-		< 0.106	J	23.3		42.3		65.6	
FS-28 (3')*	11/17/2020	3	-	-	100		< 0.00108		< 0.00541		< 0.00270		< 0.00703		-		< 0.104		8.82		16.2		25.0	
FS-29	11/17/2020	2	-	-	***652***		< 0.00108		< 0.00542		< 0.00271		< 0.00705		-		< 0.104		76.6		112		***189***	
FS-29 (3')*	11/19/2020	3	-	-	66.8	P1	< 0.00110		< 0.00549		< 0.00275		< 0.00714		-		< 2.75		12.1		18.1		30.2	

TABLE 3
SUMMARY OF ANALYTICAL RESULTS
CONFIRMATION SAMPLING - NCE2003542701
CONOCOPHILLIPS
EVGSAU 3332-519 FLOWLINE RELEASE
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Field Screening Results		Chloride[1]		BTEX[2]									TPH[3]						
			Chloride	PID			Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX	GRO[4]		DRO		ORO		Total TPH (GRO+DRO+ORO)
																C_3 - C_{10}		C_{10} - C_{28}		C_{28} - C_{40}		
		ft. bgs	ppm		mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg
CSW-1	11/5/2020	-	421	-	700		< 0.00107		< 0.00536		< 0.00268		< 0.00697		-	0.0303	B J	79.2		157		***236***
CSW-2	11/5/2020	-	371	-	445		< 0.00107		< 0.00536		< 0.00268		0.00104	J	0.00104	0.0264	B J	90.0		161		***251***
CSW-3	11/5/2020	-	325	-	536		< 0.00107		< 0.00534		< 0.00267		0.00123	J	0.00123	0.0321	B J	380		934		***1314***
NSW-1	11/5/2020	-	138	-	46.7		< 0.00115		< 0.00577		< 0.00289		< 0.00750		-	0.0255	B J	3.25	J	20.5		23.8
NSW-2	11/5/2020	-	121	29.6	262		< 0.00111		< 0.00554		< 0.00277		< 0.00720		-	0.0297	B J	9.77		46.7		56.5
NSW-3	11/5/2020	-	313	-	395		< 0.00111		< 0.00555		< 0.00277		0.00133	J	0.00133	0.0265	B J	19.2		50.2		69.4
NSW-4	11/5/2020	-	334	-	251		< 0.00111		< 0.00557		< 0.00279		0.00106	J	0.00106	0.0277	B J	7.10		33.7		40.8
NSW-5	11/5/2020	-	224	41.1	427		< 0.00113		< 0.00563		< 0.00281		0.00129	J	0.00129	0.0254	B J	20.3		49.8		70.1
NSW-6	11/5/2020	-	311	-	228		< 0.00111		< 0.00278		< 0.00278		0.00103	J	0.00103	0.0287	B J	7.91		35.0		42.9
NSW-7	11/5/2020	-	379	-	291		< 0.00111		< 0.00556		< 0.00278		0.00126	J	0.00126	0.0241	B J	6.49		36.0		42.5
ESW-1	11/5/2020	-	302	-	146		< 0.00102		< 0.00510		< 0.00255		< 0.00662		-	0.0326	B J	16.1		35.6		51.7
ESW-2	11/5/2020	-	180	29.6	47.6		< 0.00115		< 0.00576		< 0.00288		< 0.00748		-	0.0269	B J	3.45	J	22.7		26.2
ESW-3	11/5/2020	-	146	33.8	44.1		< 0.00115		< 0.00573		< 0.00287		< 0.00745		-	0.0354	B J	4.18	J	22.0		26.2
ESW-4	11/5/2020	-	291	51.7	45.3		< 0.00115		< 0.00577		< 0.00288		< 0.00749		-	0.0319	B J	2.82	J	19.4		22.3
SSW-1	10/30/2020	-	326	38.3	138		< 0.00100		< 0.00501		< 0.00250		0.00115	J	0.00115	0.0283	B J	< 4.00		4.95		4.98
SSW-2	10/30/2020	-	167	67.7	103		< 0.00108		< 0.00541		< 0.00270		< 0.00703		-	0.0308	B J	< 4.16		6.20		6.23
SSW-3	11/5/2020	-	115	71.2	29.6		< 0.00108		< 0.00540		< 0.00270		< 0.00702		-	< 0.104		16.3		46.6		62.9
SSW-4	11/5/2020	-	339	-	118		< 0.00102		< 0.00511		< 0.00255		< 0.00664		-	< 0.101		16.7		38.4		55.1
SSW-5	11/5/2020	-	448	-	168		< 0.00102		< 0.00511		< 0.00255		< 0.00664		-	< 0.101		13.2		29.7		42.9
WSW-1	11/5/2020	-	118	-	28.9		< 0.00106		< 0.00528		< 0.00264		< 0.00687		-	< 0.103		< 4.11		3.10	B J	3.10
WSW-2	11/5/2020	-	207	-	288		< 0.00107		< 0.00534		< 0.00267		< 0.00695		-	< 0.103		4.37		9.02		13.4
WSW-3	10/30/2020	-	184	42.7	89.4		< 0.00108		< 0.00541		< 0.00270		< 0.00703		-	0.0332	B J	< 4.16		5.21		5.24
WSW-4	10/30/2020	-	505	49.3	532		< 0.00112		< 0.00558		< 0.00279		< 0.00725		-	0.0319	B J	< 4.23		2.14	J	2.17

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
ORO Oil range organics
1 EPA Method 300.0
2 EPA Method 8260B
3 EPA Method 8015
4 EPA Method 8015D/GRO

Bold and italicized values indicate exceedance of proposed RRALs

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 ().

QUALIFIERS:

B The same analyte is found in the associated blank.
J The identification of the analtye is acceptable; the reported value is an estimate.
J3 The associated batch QC was outside the established quality control range for precision.
P1 RPD value not applicable for sample concentrations less than 5 times the reporting limit.

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 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	NCE2003542701
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party ConocoPhillips Company	OGRID 217817
Contact Name Gustavo Fejervary	Contact Telephone 432/210-7037
Contact email g.fejervary@cop.com	Incident # *(assigned by OCD)*
Contact mailing address 5735 SW 7000 Andrews, TX 79714	

Location of Release Source

Latitude 32.788462 Longitude -103.475532
(NAD 83 in decimal degrees to 5 decimal places)

Site Name EVGSAU 3332-519	Site Type flow line leak
Date Release Discovered 01/10/2020	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
I	32	17S	35E	Lea

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) 10	Volume Recovered (bbls) 2.5
☑ Produced Water	Volume Released (bbls) 55.5	Volume Recovered (bbls) 2.5
	Is the concentration of total dissolved solids (TDS) 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 Flowline rupture

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

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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? it exceeded the 25bbls defined by the Major release definition

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

It was given on 1/10/20 to district 1 email address and Bradford Billings

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: Gustavo Fejervary Title: Environmental Coordinator

Signature: Date: 1/21/20

email: g.fejervary@cop.com Telephone: 432/210-7037

OCD Only

Received by: Date:

NCE2003542701

L48 Spill Volume Estimate Form

Facility Name & Number:	EVGSAU 3332-519
Asset Area:	SENM (BUCKEYE)
Release Discovery Date & Time:	1/9/2020 10:30AM
Release Type:	Oil Mixture
Provide any known details about the event:	Flowline leak

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	90.0	60.0	0.50	4	5400.000	0.010	10.013	0.001	10.018	15.14%	1.517	8.501
Rectangle B	40.0	10.0	0.50	3	400.000	0.014	0.989	0.001	0.990	15.14%	0.150	0.840
Rectangle C	30.0	7.0	0.50	3	210.000	0.014	0.519	0.001	0.520	15.14%	0.079	0.441
Rectangle D					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
Rectangle E					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
Rectangle F					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
Rectangle G					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
Rectangle H					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
Rectangle I					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
Rectangle J					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!	#DIV/0!
								Total Volume Release:	11.527		1.745	9.782

NCE2003542701

L48 Spill Volume Estimate Form

Facility Name & Number:	EVGSAU 3332-519
Asset Area:	SENM (BUCKEYE)
Release Discovery Date & Time:	1/9/2020 10:30AM CST
Release Type:	Oil Mixture
Provide any known details about the event:	Flowline Leak. Five barrels were recovered

Spill Calculation - Subsurface Spill - Rectangle

Was the release on pad or off-pad?	On Pad - 10.5%; Off Pad - 15.12% soil spilled-fluid saturation factor
Has it rained at least a half inch in the last 24 hours?	Yes, On Pad - 8%; Off Pad - 13.57% soil spilled-fluid saturation factor; if No, use factors above.

Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Depth (in.)	Soil Spilled-Fluid Saturation	Estimated volume of each area (bbl.)	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	60.0	90.0	4.00	15.12%	320.400	48.444	15.14%	7.334	41.110
Rectangle B	40.0	10.0	4.00	15.12%	23.733	3.588	15.14%	0.543	3.045
Rectangle C	30.0	7.0	4.00	15.12%	12.460	1.884	15.14%	0.285	1.599
Rectangle D					0.000	0.000		0.000	0.000
Rectangle E					0.000	0.000		0.000	0.000
Rectangle F					0.000	0.000		0.000	0.000
Rectangle G					0.000	0.000		0.000	0.000
Rectangle H					0.000	0.000		0.000	0.000
Rectangle I					0.000	0.000		0.000	0.000
Rectangle J					0.000	0.000		0.000	0.000
					Total Volume Release:	53.917		8.163	45.754

State of New Mexico
Oil Conservation Division

Incident ID	NCE2003542701
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?	85 (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 State of New Mexico
Page 4 Oil Conservation Division

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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: 7/23/2020

email: marvin.soriwei@conocophillips.com Telephone: 832-486-2730

OCD Only

Received by: Cristina Eads Date: 07/24/2020

State of New Mexico
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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: 7/23/2020

email: marvin.soriwei@conocophillipd.com Telephone: 832-486-2730

OCD Only

Received by: Cristina Eads Date: 07/24/2020

☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature:  Date: 09/21/2020

State of New Mexico
Oil Conservation Division

Incident ID	NCE2003542701
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: Marvin Soriwei Title: Program Manager, Risk Management & Remediation

Signature: Date: 2/2/2021

email: marvin.soriwei@conocophillips.com Telephone: 8324862730

OCD Only

Received by: Cristina Eads Date: 02/02/2021

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: 04/23/2021

Printed Name: Cristina Eads 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-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
L 04829 S	L	LE	3	4		32	17S	35E	642554	3628586*	343	198	85	113

Average Depth to Water: **85 feet**

Minimum Depth: **85 feet**

Maximum Depth: **85 feet**

Record Count: 1

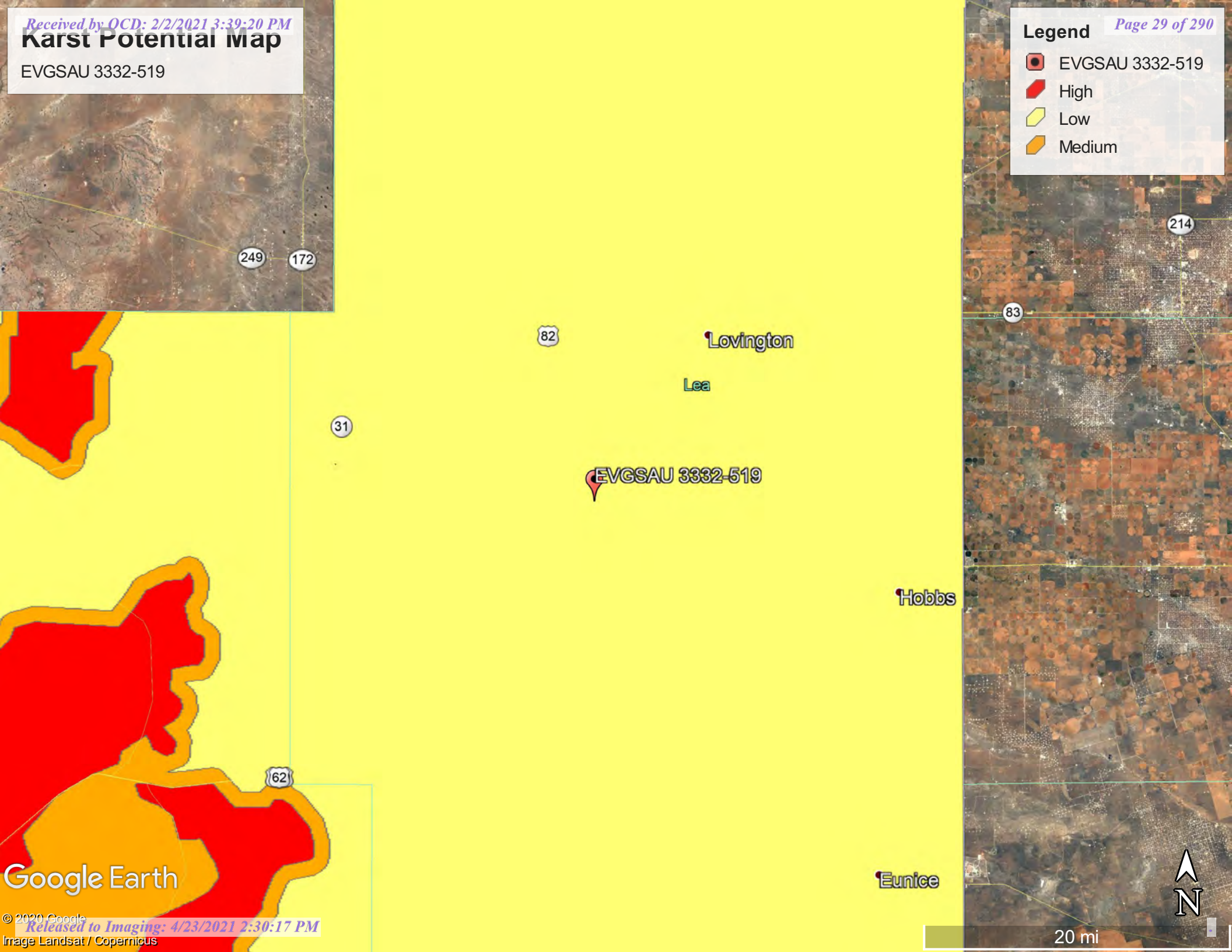
UTMNAD83 Radius Search (in meters):

Easting (X): 642756.196 **Northing (Y):** 3628864.236 **Radius:** 600

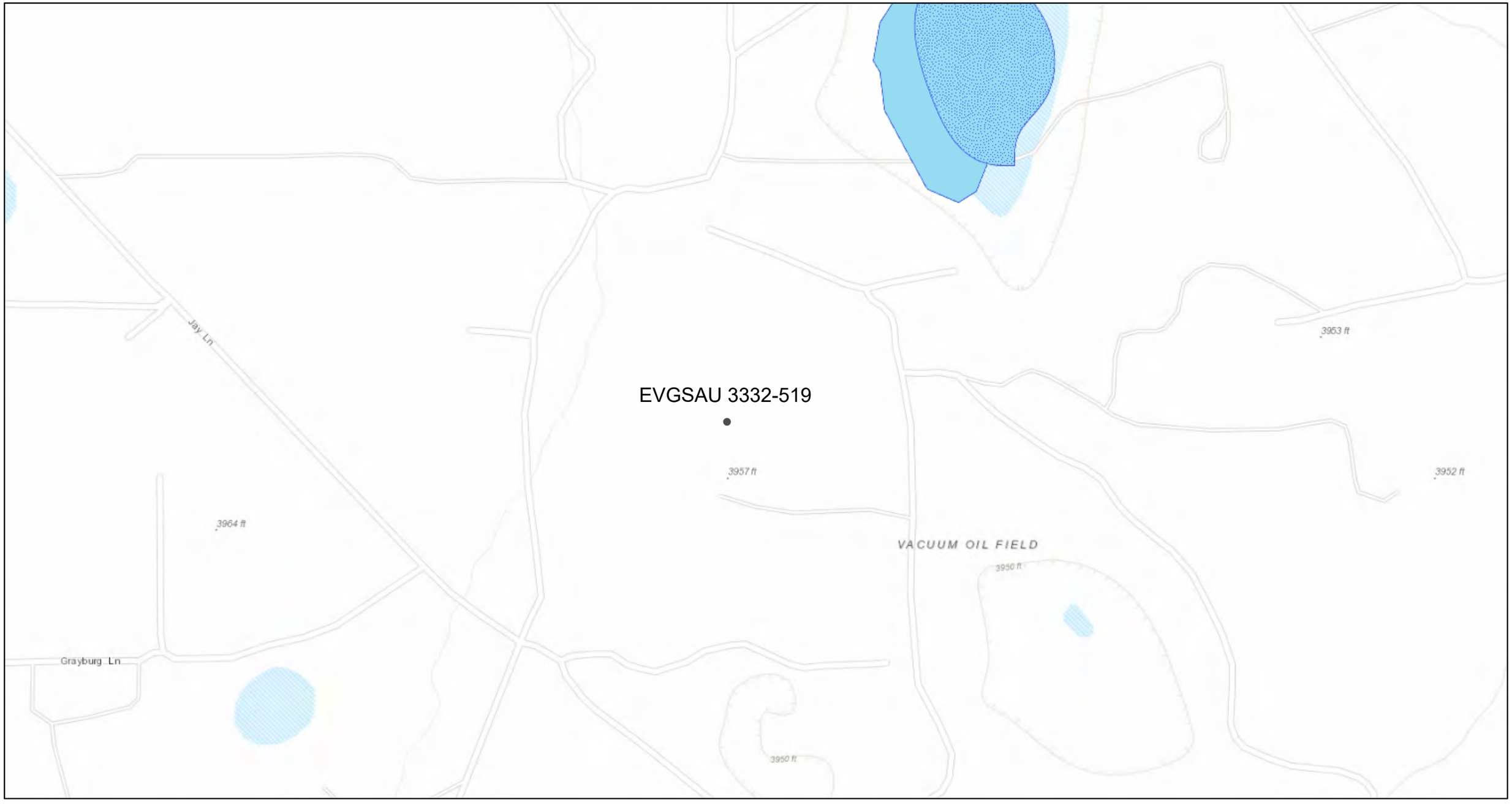
***UTM location was derived from PLSS - see Help**

Karst Potential Map

EVGSAU 3332-519



EVGSAU 3332-519 NMOCD Map



3/18/2020, 3:49:19 PM

New Mexico Counties
New Mexico Towns
NMDOT GPS ROADS
NMDOT Railroads
OSE Water-bodies
PLJV Probable Playas
OSE Streams

1:5,072

0 0.05 0.1 0.2 mi

0 0.07 0.15 0.3 km

US Census Bureau, NMDOT, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the

New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75: New Mexico Oil Conservation Division

APPENDIX C
Laboratory Analytical Data

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

November 05, 2020

ConocoPhillips - Tetra Tech

Sample Delivery Group:	L1280716
Samples Received:	11/03/2020
Project Number:	212C-MD-02337
Description:	EVGSAU 3332-519 Flowline Release

Report To: Christian Llull
901 West Wall
Suite 100
Midland, TX 79701

Entire Report Reviewed By:

Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

TABLE OF CONTENTS

SSW-1 L1280716-01 Solid

Collected by: John Thurston | Collected date/time: 10/30/20 00:00 | Received date/time: 11/03/20 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1570291	1	11/03/20 15:20	11/03/20 15:27	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1570286	1	11/03/20 15:30	11/03/20 17:19	ST	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1570479	1	11/03/20 13:14	11/04/20 04:19	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1570440	1	11/03/20 13:14	11/04/20 09:58	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1570241	1	11/03/20 22:09	11/04/20 01:45	JN	Mt. Juliet, TN

SSW-2 L1280716-02 Solid

Collected by: John Thurston | Collected date/time: 10/30/20 00:00 | Received date/time: 11/03/20 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1570291	1	11/03/20 15:20	11/03/20 15:27	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1570286	1	11/03/20 15:30	11/03/20 17:28	ST	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1570479	1	11/03/20 13:14	11/04/20 04:39	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1570440	1	11/03/20 13:14	11/04/20 10:17	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1570241	1	11/03/20 22:09	11/04/20 02:06	JN	Mt. Juliet, TN

WSW-3 L1280716-03 Solid

Collected by: John Thurston | Collected date/time: 10/30/20 00:00 | Received date/time: 11/03/20 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1570291	1	11/03/20 15:20	11/03/20 15:27	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1570286	1	11/03/20 15:30	11/03/20 17:47	ST	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1570479	1	11/03/20 13:14	11/04/20 05:00	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1570440	1	11/03/20 13:14	11/04/20 10:37	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1570241	1	11/03/20 22:09	11/04/20 02:19	JN	Mt. Juliet, TN

WSW-4 L1280716-04 Solid

Collected by: John Thurston | Collected date/time: 10/30/20 00:00 | Received date/time: 11/03/20 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1570291	1	11/03/20 15:20	11/03/20 15:27	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1570286	1	11/03/20 15:30	11/03/20 17:56	ST	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1570479	1	11/03/20 13:14	11/04/20 05:21	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1570440	1	11/03/20 13:14	11/04/20 11:10	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1570241	1	11/03/20 22:09	11/04/20 02:38	JN	Mt. Juliet, TN

FS-9 L1280716-05 Solid

Collected by: John Thurston | Collected date/time: 10/30/20 00:00 | Received date/time: 11/03/20 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1570291	1	11/03/20 15:20	11/03/20 15:27	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1570286	1	11/03/20 15:30	11/03/20 18:06	ST	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1570479	1	11/03/20 13:14	11/04/20 05:41	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1570440	1	11/03/20 13:14	11/04/20 11:29	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1570241	1	11/03/20 22:09	11/04/20 03:22	JN	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

FS-10 L1280716-06 Solid

Collected by: John Thurston
Collected date/time: 10/30/20 00:00
Received date/time: 11/03/20 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1570291	1	11/03/20 15:20	11/03/20 15:27	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1570286	1	11/03/20 15:30	11/03/20 18:53	ST	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1570479	1	11/03/20 13:14	11/04/20 06:02	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1570440	1	11/03/20 13:14	11/04/20 12:19	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1570241	1	11/03/20 22:09	11/04/20 03:35	JN	Mt. Juliet, TN

FS-14 L1280716-07 Solid

Collected by: John Thurston
Collected date/time: 10/30/20 00:00
Received date/time: 11/03/20 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1570291	1	11/03/20 15:20	11/03/20 15:27	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1570286	1	11/03/20 15:30	11/03/20 19:03	ST	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1570479	1	11/03/20 13:14	11/04/20 06:23	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1570440	1	11/03/20 13:14	11/04/20 12:38	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1570241	1	11/03/20 22:09	11/04/20 03:54	JN	Mt. Juliet, TN

FS-17 L1280716-08 Solid

Collected by: John Thurston
Collected date/time: 10/30/20 00:00
Received date/time: 11/03/20 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1570291	1	11/03/20 15:20	11/03/20 15:27	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1570286	1	11/03/20 15:30	11/03/20 19:12	ST	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1570479	1	11/03/20 13:14	11/04/20 06:43	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1570440	1	11/03/20 13:14	11/04/20 12:57	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1570241	1	11/03/20 22:09	11/04/20 04:07	JN	Mt. Juliet, TN

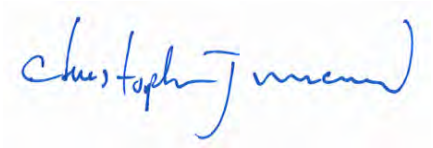
FS-18 L1280716-09 Solid

Collected by: John Thurston
Collected date/time: 10/30/20 00:00
Received date/time: 11/03/20 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1570329	1	11/03/20 20:31	11/03/20 20:59	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1570286	1	11/03/20 15:30	11/03/20 19:22	ST	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1570479	1	11/03/20 13:14	11/04/20 07:04	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1570440	1	11/03/20 13:14	11/04/20 13:17	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1570241	1	11/03/20 22:09	11/04/20 04:21	JN	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Chris McCord
Project Manager

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	99.9		1	11/03/2020 15:27	WG1570291

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	138		9.21	20.0	1	11/03/2020 17:19	WG1570286

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0283	B J	0.0217	0.100	1	11/04/2020 04:19	WG1570479
(S) a,a,a-Trifluorotoluene(FID)	*93.6*			*77.0-120*		*11/04/2020 04:19*	WG1570479

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000468	0.00100	1	11/04/2020 09:58	WG1570440
Toluene	U		0.00130	0.00501	1	11/04/2020 09:58	WG1570440
Ethylbenzene	U		0.000738	0.00250	1	11/04/2020 09:58	WG1570440
Total Xylenes	0.00115	J	0.000882	0.00651	1	11/04/2020 09:58	WG1570440
(S) Toluene-d8	*109*			*75.0-131*		*11/04/2020 09:58*	WG1570440
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*11/04/2020 09:58*	WG1570440
(S) 1,2-Dichloroethane-d4	*95.1*			*70.0-130*		*11/04/2020 09:58*	WG1570440

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.61	4.00	1	11/04/2020 01:45	WG1570241
C28-C40 Oil Range	4.95		0.274	4.00	1	11/04/2020 01:45	WG1570241
(S) o-Terphenyl	*55.9*			*18.0-148*		*11/04/2020 01:45*	WG1570241

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.1		1	11/03/2020 15:27	WG1570291

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	103		9.58	20.8	1	11/03/2020 17:28	WG1570286

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0308	B J	0.0226	0.104	1	11/04/2020 04:39	WG1570479
(S) a,a,a-Trifluorotoluene(FID)	*94.0*			*77.0-120*		*11/04/2020 04:39*	WG1570479

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000505	0.00108	1	11/04/2020 10:17	WG1570440
Toluene	U		0.00141	0.00541	1	11/04/2020 10:17	WG1570440
Ethylbenzene	U		0.000797	0.00270	1	11/04/2020 10:17	WG1570440
Total Xylenes	U		0.000952	0.00703	1	11/04/2020 10:17	WG1570440
(S) Toluene-d8	*112*			*75.0-131*		*11/04/2020 10:17*	WG1570440
(S) 4-Bromofluorobenzene	*98.1*			*67.0-138*		*11/04/2020 10:17*	WG1570440
(S) 1,2-Dichloroethane-d4	*93.5*			*70.0-130*		*11/04/2020 10:17*	WG1570440

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.68	4.16	1	11/04/2020 02:06	WG1570241
C28-C40 Oil Range	6.20		0.285	4.16	1	11/04/2020 02:06	WG1570241
(S) o-Terphenyl	*57.4*			*18.0-148*		*11/04/2020 02:06*	WG1570241

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.1		1	11/03/2020 15:27	WG1570291

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	89.4		9.57	20.8	1	11/03/2020 17:47	WG1570286

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0332	B J	0.0226	0.104	1	11/04/2020 05:00	WG1570479
(S) a,a,a-Trifluorotoluene(FID)	*94.0*			*77.0-120*		*11/04/2020 05:00*	WG1570479

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000505	0.00108	1	11/04/2020 10:37	WG1570440
Toluene	U		0.00141	0.00541	1	11/04/2020 10:37	WG1570440
Ethylbenzene	U		0.000797	0.00270	1	11/04/2020 10:37	WG1570440
Total Xylenes	U		0.000951	0.00703	1	11/04/2020 10:37	WG1570440
(S) Toluene-d8	*112*			*75.0-131*		*11/04/2020 10:37*	WG1570440
(S) 4-Bromofluorobenzene	*98.6*			*67.0-138*		*11/04/2020 10:37*	WG1570440
(S) 1,2-Dichloroethane-d4	*91.3*			*70.0-130*		*11/04/2020 10:37*	WG1570440

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.68	4.16	1	11/04/2020 02:19	WG1570241
C28-C40 Oil Range	5.21		0.285	4.16	1	11/04/2020 02:19	WG1570241
(S) o-Terphenyl	*57.2*			*18.0-148*		*11/04/2020 02:19*	WG1570241

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	94.5		1	11/03/2020 15:27	WG1570291

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	532		9.73	21.2	1	11/03/2020 17:56	WG1570286

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0319	B J	0.0230	0.106	1	11/04/2020 05:21	WG1570479
(S) a,a,a-Trifluorotoluene(FID)	*93.8*			*77.0-120*		*11/04/2020 05:21*	WG1570479

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000521	0.00112	1	11/04/2020 11:10	WG1570440
Toluene	U		0.00145	0.00558	1	11/04/2020 11:10	WG1570440
Ethylbenzene	U		0.000822	0.00279	1	11/04/2020 11:10	WG1570440
Total Xylenes	U		0.000982	0.00725	1	11/04/2020 11:10	WG1570440
(S) Toluene-d8	*106*			*75.0-131*		*11/04/2020 11:10*	WG1570440
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*11/04/2020 11:10*	WG1570440
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*11/04/2020 11:10*	WG1570440

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.70	4.23	1	11/04/2020 02:38	WG1570241
C28-C40 Oil Range	2.14	J	0.290	4.23	1	11/04/2020 02:38	WG1570241
(S) o-Terphenyl	*48.1*			*18.0-148*		*11/04/2020 02:38*	WG1570241

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.1		1	11/03/2020 15:27	WG1570291

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	235		9.57	20.8	1	11/03/2020 18:06	WG1570286

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0291	B J	0.0226	0.104	1	11/04/2020 05:41	WG1570479
(S) a,a,a-Trifluorotoluene(FID)	*91.3*			*77.0-120*		*11/04/2020 05:41*	WG1570479

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000504	0.00108	1	11/04/2020 11:29	WG1570440
Toluene	U		0.00140	0.00540	1	11/04/2020 11:29	WG1570440
Ethylbenzene	U		0.000796	0.00270	1	11/04/2020 11:29	WG1570440
Total Xylenes	U		0.000951	0.00702	1	11/04/2020 11:29	WG1570440
(S) Toluene-d8	*109*			*75.0-131*		*11/04/2020 11:29*	WG1570440
(S) 4-Bromofluorobenzene	*96.6*			*67.0-138*		*11/04/2020 11:29*	WG1570440
(S) 1,2-Dichloroethane-d4	*95.9*			*70.0-130*		*11/04/2020 11:29*	WG1570440

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.67	4.16	1	11/04/2020 03:22	WG1570241
C28-C40 Oil Range	1.08	J	0.285	4.16	1	11/04/2020 03:22	WG1570241
(S) o-Terphenyl	*62.6*			*18.0-148*		*11/04/2020 03:22*	WG1570241

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	95.4		1	11/03/2020 15:27	WG1570291

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	57.8		9.65	21.0	1	11/03/2020 18:53	WG1570286

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0301	B J	0.0228	0.105	1	11/04/2020 06:02	WG1570479
(S) a,a,a-Trifluorotoluene(FID)	*93.6*			*77.0-120*		*11/04/2020 06:02*	WG1570479

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000513	0.00110	1	11/04/2020 12:19	WG1570440
Toluene	U		0.00143	0.00549	1	11/04/2020 12:19	WG1570440
Ethylbenzene	U		0.000809	0.00274	1	11/04/2020 12:19	WG1570440
Total Xylenes	0.00124	J	0.000966	0.00713	1	11/04/2020 12:19	WG1570440
(S) Toluene-d8	*109*			*75.0-131*		*11/04/2020 12:19*	WG1570440
(S) 4-Bromofluorobenzene	*104*			*67.0-138*		*11/04/2020 12:19*	WG1570440
(S) 1,2-Dichloroethane-d4	*99.9*			*70.0-130*		*11/04/2020 12:19*	WG1570440

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.69	4.19	1	11/04/2020 03:35	WG1570241
C28-C40 Oil Range	1.32	J	0.287	4.19	1	11/04/2020 03:35	WG1570241
(S) o-Terphenyl	*60.7*			*18.0-148*		*11/04/2020 03:35*	WG1570241

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	97.6		1	11/03/2020 15:27	WG1570291

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	234		9.42	20.5	1	11/03/2020 19:03	WG1570286

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0269	B J	0.0222	0.102	1	11/04/2020 06:23	WG1570479
(S) a,a,a-Trifluorotoluene(FID)	*93.5*			*77.0-120*		*11/04/2020 06:23*	WG1570479

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000490	0.00105	1	11/04/2020 12:38	WG1570440
Toluene	U		0.00136	0.00524	1	11/04/2020 12:38	WG1570440
Ethylbenzene	U		0.000773	0.00262	1	11/04/2020 12:38	WG1570440
Total Xylenes	U		0.000923	0.00682	1	11/04/2020 12:38	WG1570440
(S) Toluene-d8	*109*			*75.0-131*		*11/04/2020 12:38*	WG1570440
(S) 4-Bromofluorobenzene	*97.9*			*67.0-138*		*11/04/2020 12:38*	WG1570440
(S) 1,2-Dichloroethane-d4	*96.2*			*70.0-130*		*11/04/2020 12:38*	WG1570440

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.65	4.10	1	11/04/2020 03:54	WG1570241
C28-C40 Oil Range	1.74	J	0.281	4.10	1	11/04/2020 03:54	WG1570241
(S) o-Terphenyl	*69.3*			*18.0-148*		*11/04/2020 03:54*	WG1570241

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.1		1	11/03/2020 15:27	WG1570291

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	157		9.57	20.8	1	11/03/2020 19:12	WG1570286

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0296	B J	0.0226	0.104	1	11/04/2020 06:43	WG1570479
(S) a,a,a-Trifluorotoluene(FID)	*94.3*			*77.0-120*		*11/04/2020 06:43*	WG1570479

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000505	0.00108	1	11/04/2020 12:57	WG1570440
Toluene	U		0.00140	0.00540	1	11/04/2020 12:57	WG1570440
Ethylbenzene	U		0.000796	0.00270	1	11/04/2020 12:57	WG1570440
Total Xylenes	U		0.000951	0.00702	1	11/04/2020 12:57	WG1570440
(S) Toluene-d8	*109*			*75.0-131*		*11/04/2020 12:57*	WG1570440
(S) 4-Bromofluorobenzene	*98.3*			*67.0-138*		*11/04/2020 12:57*	WG1570440
(S) 1,2-Dichloroethane-d4	*96.8*			*70.0-130*		*11/04/2020 12:57*	WG1570440

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	32.4		1.67	4.16	1	11/04/2020 04:07	WG1570241
C28-C40 Oil Range	113		0.285	4.16	1	11/04/2020 04:07	WG1570241
(S) o-Terphenyl	*63.1*			*18.0-148*		*11/04/2020 04:07*	WG1570241

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	97.4		1	11/03/2020 20:59	WG1570329

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	272		9.44	20.5	1	11/03/2020 19:22	WG1570286

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0280	B J	0.0223	0.103	1	11/04/2020 07:04	WG1570479
(S) a,a,a-Trifluorotoluene(FID)	*94.0*			*77.0-120*		*11/04/2020 07:04*	WG1570479

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U	J3	0.000492	0.00105	1	11/04/2020 13:17	WG1570440
Toluene	U	J3	0.00137	0.00526	1	11/04/2020 13:17	WG1570440
Ethylbenzene	U	J3	0.000776	0.00263	1	11/04/2020 13:17	WG1570440
Total Xylenes	U	J3	0.000926	0.00684	1	11/04/2020 13:17	WG1570440
(S) Toluene-d8	*111*			*75.0-131*		*11/04/2020 13:17*	WG1570440
(S) 4-Bromofluorobenzene	*100*			*67.0-138*		*11/04/2020 13:17*	WG1570440
(S) 1,2-Dichloroethane-d4	*94.5*			*70.0-130*		*11/04/2020 13:17*	WG1570440

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.65	4.11	1	11/04/2020 04:21	WG1570241
C28-C40 Oil Range	1.33	J	0.281	4.11	1	11/04/2020 04:21	WG1570241
(S) o-Terphenyl	*70.1*			*18.0-148*		*11/04/2020 04:21*	WG1570241

Method Blank (MB)

(MB) R3589230-1 11/03/20 15:27

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1280716-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1280716-02 11/03/20 15:27 • (DUP) R3589230-3 11/03/20 15:27

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	96.1	96.1	1	0.0609		10

Laboratory Control Sample (LCS)

(LCS) R3589230-2 11/03/20 15:27

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3589238-1 11/03/20 20:59

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1280727-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1280727-01 11/03/20 20:59 • (DUP) R3589238-3 11/03/20 20:59

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	67.9	71.2	1	4.62		10

Laboratory Control Sample (LCS)

(LCS) R3589238-2 11/03/20 20:59

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3589044-1 11/03/20 16:49

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Chloride	U		9.20	20.0

L1280716-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1280716-02 11/03/20 17:28 • (DUP) R3589044-3 11/03/20 17:37

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	103	100	1	2.45		20

Laboratory Control Sample (LCS)

(LCS) R3589044-2 11/03/20 16:58

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	200	207	103	90.0-110	

L1280716-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1280716-05 11/03/20 18:06 • (MS) R3589044-4 11/03/20 18:15 • (MSD) R3589044-5 11/03/20 18:25

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	520	235	749	781	98.9	105	1	80.0-120			4.15	20

Method Blank (MB)

(MB) R3589437-2 11/04/20 00:11

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	0.0360	J	0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	*95.4*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R3589437-1 11/03/20 23:30

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	5.03	91.5	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*108*	*77.0-120*	

L1280669-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1280669-02 11/04/20 07:25 • (MS) R3589437-3 11/04/20 08:13 • (MSD) R3589437-4 11/04/20 09:01

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	550	12.7	361	361	63.3	63.3	100	10.0-151			0.000	28
(S) a,a,a-Trifluorotoluene(FID)					*103*	*105*		*77.0-120*				

Method Blank (MB)

(MB) R3589710-3 11/04/20 09:03

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000467	0.00100
Ethylbenzene	U		0.000737	0.00250
Toluene	U		0.00130	0.00500
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*109*			*75.0-131*
(S) 4-Bromofluorobenzene	*94.8*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*92.3*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3589710-1 11/04/20 07:46 • (LCSD) R3589710-2 11/04/20 08:05

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.125	0.114	0.107	91.2	85.6	70.0-123			6.33	20
Ethylbenzene	0.125	0.132	0.131	106	105	74.0-126			0.760	20
Toluene	0.125	0.121	0.111	96.8	88.8	75.0-121			8.62	20
Xylenes, Total	0.375	0.397	0.373	106	99.5	72.0-127			6.23	20
(S) Toluene-d8				*105*	*105*	*75.0-131*				
(S) 4-Bromofluorobenzene				*105*	*107*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*98.1*	*98.3*	*70.0-130*				

L1280716-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1280716-09 11/04/20 13:17 • (MS) R3589710-4 11/04/20 17:44 • (MSD) R3589710-5 11/04/20 18:03

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.132	U	0.129	0.0684	98.4	52.0	1	10.0-149		J3	61.7	37
Ethylbenzene	0.132	U	0.157	0.0770	119	58.5	1	10.0-160		J3	68.3	38
Toluene	0.132	U	0.148	0.0763	113	58.0	1	10.0-156		J3	64.2	38
Xylenes, Total	0.395	U	0.481	0.248	122	62.9	1	10.0-160		J3	63.8	38
(S) Toluene-d8					*111*	*113*		*75.0-131*				
(S) 4-Bromofluorobenzene					*104*	*97.8*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*82.8*	*80.7*		*70.0-130*				

Method Blank (MB)

(MB) R3589113-1 11/04/20 01:18

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C40 Oil Range	U		0.274	4.00
(S) o-Terphenyl	*77.0*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R3589113-2 11/04/20 01:32

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	38.5	77.0	50.0-150	
(S) o-Terphenyl			*97.7*	*18.0-148*	

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

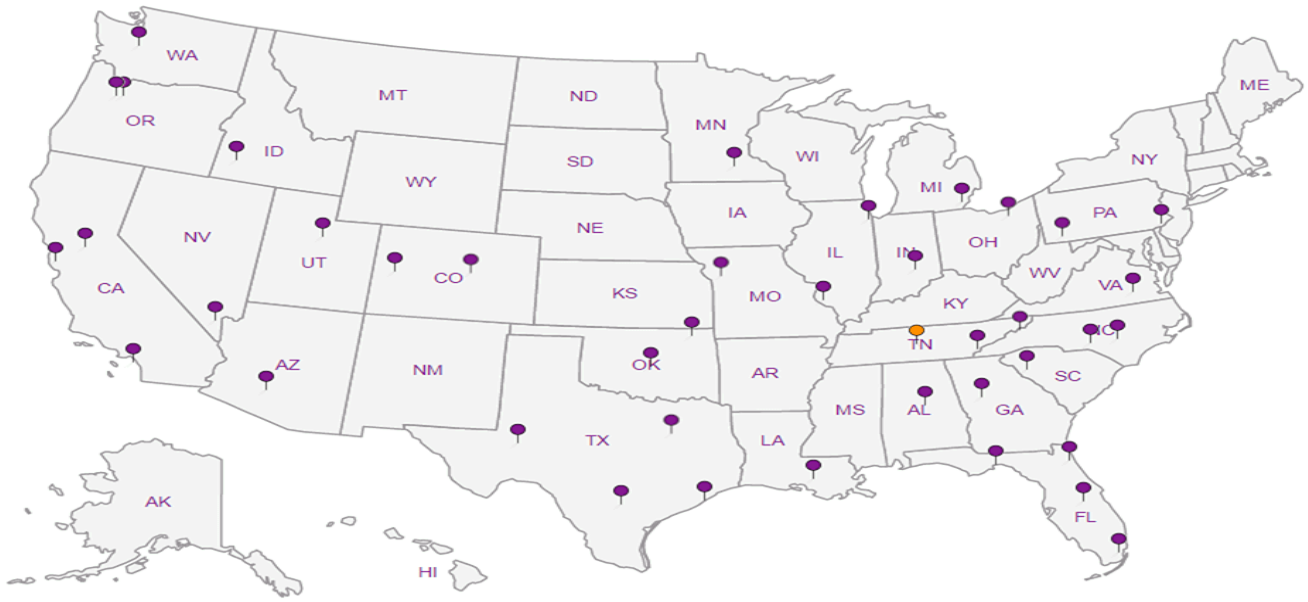
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



ACCOUNT:	PROJECT:	SDG:	DATE/TIME:	PAGE:
ConocoPhillips - Tetra Tech	212C-MD-02337	L1280716	11/05/20 16:12	22 of 24

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 West Wall Street, Suite 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

L1280716

Client Name:	Conoco Phillips	**Site Manager:**	Christian Llull
Project Name:	EVGSAU 3332-519 Flowline Release	**Contact Info:**	Email: christian.llull@tetratech.com Phone: (512) 338-1667
Project Location: (county, state)	Lea County, New Mexico	**Project #:**	212C-MD-02337
Invoice to:	Accounts Payable 901 West Wall Street, Suite 100 Midland, Texas 79701		
Receiving Laboratory:	Pace Analytical	**Sampler Signature:**	John Thurston
Comments:	COPTETRA Acctnum		

ANALYSIS REQUEST (Circle or Specify Method No.)

SAMPLING YEAR: 2020

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	HNO$_3$	ICE	NONE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R	HOLD	
	SSW-1	10/30/2020			X			X		1	N	X		X												X						-01
	SSW-2	10/30/2020			X			X		1	N	X		X												X						-02
	WSW-3	10/30/2020			X			X		1	N	X		X												X						-03
	WSW-4	10/30/2020			X			X		1	N	X		X												X						-04
	FS-9	10/30/2020			X			X		1	N	X		X												X						-05
	FS-10	10/30/2020			X			X		1	N	X		X												X						-06
	FS-14	10/30/2020			X			X		1	N	X		X												X						-07
	FS-17	10/30/2020			X			X		1	N	X		X												X						-08
	FS-18	10/30/2020			X			X		1	N	X		X												X						-09

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	10/30/20	1645			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by: [signature]	11/3/20	9:15

LAB USE ONLY

Sample Temperature

REMARKS:

- ☐ Standard
- ☒ RUSH: Same Day (24 hr.) 48 hr. 72 hr.
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED (FEDEX) UPS Tracking #:

ORIGINAL COPY

2.9-.1=2.8 $^{A3}_{Cu}$

RAD SCREEN: <0.5 mR/hr

C053

Pace Analytical National Center for Testing & Innovation
Cooler Receipt Form

Client: COPTETRA		L1280716
Cooler Received/Opened On: 1/13 / 20	Temperature:	2.8°C
Received By: Lucas Green		
Signature:		

Receipt Check List	NP	Yes	No
COC Seal Present / Intact?	✓		
COC Signed / Accurate?		✓	
Bottles arrive intact?		✓	
Correct bottles used?		✓	
Sufficient volume sent?		✓	
If Applicable			
VOA Zero headspace?			
Preservation Correct / Checked?			

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

November 11, 2020

ConocoPhillips - Tetra Tech

Sample Delivery Group:	L1283086
Samples Received:	11/07/2020
Project Number:	212C-MD-02337
Description:	EVGSAU 3332-519 Flowline Release

Report To: Christian Llull
901 West Wall
Suite 100
Midland, TX 79701

Entire Report Reviewed By:

Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

TABLE OF CONTENTS

FS-1 L1283086-01 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573592	1	11/09/20 15:40	11/09/20 15:50	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573346	1	11/09/20 17:19	11/09/20 19:05	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573562	1	11/09/20 08:20	11/09/20 15:50	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573526	1	11/09/20 08:20	11/09/20 22:50	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573573	1	11/09/20 17:13	11/10/20 11:59	TJD	Mt. Juliet, TN

FS-2 L1283086-02 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573592	1	11/09/20 15:40	11/09/20 15:50	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573346	1	11/09/20 17:19	11/09/20 19:14	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573562	1	11/09/20 08:20	11/09/20 16:12	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573526	1	11/09/20 08:20	11/09/20 23:09	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573573	1	11/09/20 17:13	11/10/20 08:01	TJD	Mt. Juliet, TN

FS-3 L1283086-03 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573592	1	11/09/20 15:40	11/09/20 15:50	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573346	1	11/09/20 17:19	11/09/20 19:33	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573562	1	11/09/20 08:20	11/09/20 16:35	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573526	1	11/09/20 08:20	11/09/20 23:29	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573573	1	11/09/20 17:13	11/10/20 08:15	TJD	Mt. Juliet, TN

FS-4 L1283086-04 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573592	1	11/09/20 15:40	11/09/20 15:50	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573346	1	11/09/20 17:19	11/09/20 19:43	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573562	1	11/09/20 08:20	11/09/20 16:57	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573526	4	11/09/20 08:20	11/10/20 00:19	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573573	1	11/09/20 17:13	11/10/20 08:28	TJD	Mt. Juliet, TN

FS-5 L1283086-05 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573593	1	11/09/20 16:05	11/09/20 16:14	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573346	1	11/09/20 17:19	11/09/20 19:52	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573562	1	11/09/20 08:20	11/09/20 17:20	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573526	1	11/09/20 08:20	11/10/20 00:39	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573573	1	11/09/20 17:13	11/10/20 08:42	TJD	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

FS-6 L1283086-06 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573593	1	11/09/20 16:05	11/09/20 16:14	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573346	1	11/09/20 17:19	11/09/20 20:02	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573562	1	11/09/20 08:20	11/09/20 17:42	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573526	1	11/09/20 08:20	11/10/20 01:24	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573573	1	11/09/20 17:13	11/10/20 08:55	TJD	Mt. Juliet, TN

FS-7 L1283086-07 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573593	1	11/09/20 16:05	11/09/20 16:14	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573346	1	11/09/20 17:19	11/09/20 20:11	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573562	1	11/09/20 08:20	11/09/20 18:05	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573526	1.26	11/09/20 08:20	11/10/20 01:43	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573573	1	11/09/20 17:13	11/10/20 12:54	TJD	Mt. Juliet, TN

FS-8 L1283086-08 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573593	1	11/09/20 16:05	11/09/20 16:14	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573346	1	11/09/20 17:19	11/09/20 20:40	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573562	1	11/09/20 08:20	11/09/20 18:53	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573526	1	11/09/20 08:20	11/10/20 02:02	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573573	1	11/09/20 17:13	11/10/20 09:08	TJD	Mt. Juliet, TN

FS-11 L1283086-09 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573593	1	11/09/20 16:05	11/09/20 16:14	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573346	1	11/09/20 17:19	11/09/20 20:50	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573562	1	11/09/20 08:20	11/09/20 19:24	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573526	1	11/09/20 08:20	11/10/20 02:21	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573573	1	11/09/20 17:13	11/10/20 09:22	TJD	Mt. Juliet, TN

FS-12 L1283086-10 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573593	1	11/09/20 16:05	11/09/20 16:14	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573346	1	11/09/20 17:19	11/09/20 20:59	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573562	1	11/09/20 08:20	11/09/20 19:47	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573526	1	11/09/20 08:20	11/10/20 03:06	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573573	1	11/09/20 17:13	11/10/20 09:36	TJD	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

FS-13 L1283086-11 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573593	1	11/09/20 16:05	11/09/20 16:14	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573346	1	11/09/20 17:19	11/09/20 21:09	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573583	1	11/09/20 08:20	11/09/20 16:09	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573526	1	11/09/20 08:20	11/10/20 03:25	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573573	1	11/09/20 17:13	11/10/20 09:49	TJD	Mt. Juliet, TN

FS-15 L1283086-12 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573593	1	11/09/20 16:05	11/09/20 16:14	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573346	1	11/09/20 17:19	11/09/20 21:18	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573583	1	11/09/20 08:20	11/09/20 16:30	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573526	1	11/09/20 08:20	11/10/20 03:45	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573573	1	11/09/20 17:13	11/10/20 10:03	TJD	Mt. Juliet, TN

FS-16 L1283086-13 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573593	1	11/09/20 16:05	11/09/20 16:14	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573346	1	11/09/20 17:19	11/09/20 21:28	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573583	1	11/09/20 08:20	11/09/20 16:51	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573526	1	11/09/20 08:20	11/10/20 04:04	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573573	1	11/09/20 17:13	11/10/20 10:16	TJD	Mt. Juliet, TN

FS-19 L1283086-14 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573593	1	11/09/20 16:05	11/09/20 16:14	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573346	1	11/09/20 17:19	11/09/20 21:56	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573583	1	11/09/20 08:20	11/09/20 17:12	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573628	1	11/09/20 08:20	11/10/20 09:11	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573573	1	11/09/20 17:13	11/10/20 10:30	TJD	Mt. Juliet, TN

FS-20 L1283086-15 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573595	1	11/09/20 15:52	11/09/20 16:03	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573346	1	11/09/20 17:19	11/09/20 22:06	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573583	1	11/09/20 08:20	11/09/20 17:33	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573628	1	11/09/20 08:20	11/10/20 09:30	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573573	1	11/09/20 17:13	11/10/20 13:07	TJD	Mt. Juliet, TN

FS-21 L1283086-16 Solid

Collected by: John Thurston
Collected date/time: 11/05/20 00:00
Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573595	1	11/09/20 15:52	11/09/20 16:03	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573346	1	11/09/20 17:19	11/09/20 22:34	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573583	1	11/09/20 08:20	11/09/20 17:54	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573628	1	11/09/20 08:20	11/10/20 09:49	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573573	1	11/09/20 17:13	11/10/20 13:21	TJD	Mt. Juliet, TN

FS-22 L1283086-17 Solid

Collected by: John Thurston
Collected date/time: 11/05/20 00:00
Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573595	1	11/09/20 15:52	11/09/20 16:03	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573346	1	11/09/20 17:19	11/09/20 22:44	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573583	1	11/09/20 08:20	11/09/20 18:14	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573628	1	11/09/20 08:20	11/10/20 10:08	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573573	1	11/09/20 17:13	11/10/20 13:35	SAW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573573	2	11/09/20 17:13	11/11/20 06:15	JN	Mt. Juliet, TN

FS-23 L1283086-18 Solid

Collected by: John Thurston
Collected date/time: 11/05/20 00:00
Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573595	1	11/09/20 15:52	11/09/20 16:03	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573346	1	11/09/20 17:19	11/09/20 22:53	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573583	1	11/09/20 08:20	11/09/20 18:35	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573628	1	11/09/20 08:20	11/10/20 10:28	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573573	1	11/09/20 17:13	11/10/20 13:48	SAW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573573	2	11/09/20 17:13	11/11/20 06:29	JN	Mt. Juliet, TN

FS-24 L1283086-19 Solid

Collected by: John Thurston
Collected date/time: 11/05/20 00:00
Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573595	1	11/09/20 15:52	11/09/20 16:03	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573346	1	11/09/20 17:19	11/09/20 23:03	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573583	1	11/09/20 08:20	11/09/20 18:56	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573628	1	11/09/20 08:20	11/10/20 10:47	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573573	1	11/09/20 17:13	11/10/20 14:02	SAW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573573	2	11/09/20 17:13	11/11/20 06:42	JN	Mt. Juliet, TN

FS-25 L1283086-20 Solid

Collected by: John Thurston
Collected date/time: 11/05/20 00:00
Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573595	1	11/09/20 15:52	11/09/20 16:03	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573346	1	11/09/20 17:19	11/09/20 23:12	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573583	1	11/09/20 08:20	11/09/20 19:17	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573628	1	11/09/20 08:20	11/10/20 11:06	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573573	1	11/09/20 17:13	11/10/20 14:16	SAW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573573	2	11/09/20 17:13	11/11/20 06:55	JN	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

FS-26 L1283086-21 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573595	1	11/09/20 15:52	11/09/20 16:03	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573348	1	11/09/20 16:47	11/10/20 05:43	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573583	1	11/09/20 08:20	11/09/20 19:38	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573628	1	11/09/20 08:20	11/10/20 11:25	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573574	1	11/09/20 17:20	11/10/20 03:20	JN	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573574	5	11/09/20 17:20	11/10/20 11:24	JN	Mt. Juliet, TN

FS-27 L1283086-22 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573595	1	11/09/20 15:52	11/09/20 16:03	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573348	1	11/09/20 16:47	11/10/20 05:53	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573583	1	11/09/20 10:54	11/09/20 19:59	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573628	1	11/09/20 10:54	11/10/20 11:45	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573574	1	11/09/20 17:20	11/10/20 10:58	JN	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573574	2	11/09/20 17:20	11/10/20 12:02	JN	Mt. Juliet, TN

WSW-1 L1283086-23 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573595	1	11/09/20 15:52	11/09/20 16:03	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573348	1	11/09/20 16:47	11/10/20 06:12	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573583	1	11/09/20 10:54	11/09/20 20:20	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573628	1	11/09/20 10:54	11/10/20 12:04	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573574	1	11/09/20 17:20	11/10/20 03:46	JN	Mt. Juliet, TN

WSW-2 L1283086-24 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573595	1	11/09/20 15:52	11/09/20 16:03	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573348	1	11/09/20 16:47	11/10/20 06:21	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573583	1	11/09/20 10:54	11/09/20 20:41	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573628	1	11/09/20 10:54	11/10/20 12:23	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573574	1	11/09/20 17:20	11/10/20 03:59	JN	Mt. Juliet, TN

SSW-3 L1283086-25 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573596	1	11/10/20 06:48	11/10/20 06:59	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573348	1	11/09/20 16:47	11/10/20 06:31	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573583	1	11/09/20 10:54	11/09/20 21:02	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573628	1	11/09/20 10:54	11/10/20 12:42	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573574	1	11/09/20 17:20	11/10/20 09:40	JN	Mt. Juliet, TN

SSW-4 L1283086-26 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573596	1	11/10/20 06:48	11/10/20 06:59	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573348	1	11/09/20 16:47	11/10/20 06:40	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573583	1	11/09/20 10:54	11/09/20 21:23	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573628	1	11/09/20 10:54	11/10/20 13:02	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573574	1	11/09/20 17:20	11/10/20 04:11	JN	Mt. Juliet, TN

SSW-5 L1283086-27 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573596	1	11/10/20 06:48	11/10/20 06:59	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573348	1	11/09/20 16:47	11/10/20 06:50	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573583	1	11/09/20 10:54	11/09/20 21:44	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573628	1	11/09/20 10:54	11/10/20 13:21	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573574	1	11/09/20 17:20	11/10/20 04:24	JN	Mt. Juliet, TN

ESW-1 L1283086-28 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573596	1	11/10/20 06:48	11/10/20 06:59	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573348	1	11/09/20 16:47	11/10/20 07:18	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573872	1	11/09/20 10:54	11/10/20 12:23	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573628	1	11/09/20 10:54	11/10/20 13:40	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573574	1	11/09/20 17:20	11/10/20 04:37	JN	Mt. Juliet, TN

ESW-2 L1283086-29 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573596	1	11/10/20 06:48	11/10/20 06:59	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573348	1	11/09/20 16:47	11/10/20 07:28	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573872	1	11/09/20 10:54	11/10/20 12:44	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573628	1	11/09/20 10:54	11/10/20 13:59	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573574	1	11/09/20 17:20	11/10/20 04:50	JN	Mt. Juliet, TN

ESW-3 L1283086-30 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573596	1	11/10/20 06:48	11/10/20 06:59	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573348	1	11/09/20 16:47	11/10/20 07:57	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573872	1	11/09/20 10:54	11/10/20 13:10	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573628	1	11/09/20 10:54	11/10/20 14:18	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573574	1	11/09/20 17:20	11/10/20 05:02	JN	Mt. Juliet, TN

ESW-4 L1283086-31 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573596	1	11/10/20 06:48	11/10/20 06:59	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573348	1	11/09/20 16:47	11/10/20 08:06	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573872	1	11/09/20 10:54	11/10/20 14:02	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573628	1	11/09/20 10:54	11/10/20 14:38	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573574	1	11/09/20 17:20	11/10/20 05:15	JN	Mt. Juliet, TN

NSW-1 L1283086-32 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573596	1	11/10/20 06:48	11/10/20 06:59	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573348	1	11/09/20 16:47	11/10/20 08:16	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573872	1	11/09/20 10:54	11/10/20 14:23	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573628	1	11/09/20 10:54	11/10/20 14:57	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573574	1	11/09/20 17:20	11/10/20 05:28	JN	Mt. Juliet, TN

NSW-2 L1283086-33 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573596	1	11/10/20 06:48	11/10/20 06:59	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573348	1	11/09/20 16:47	11/10/20 08:25	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573872	1	11/09/20 10:54	11/10/20 14:44	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573628	1	11/09/20 10:54	11/10/20 15:16	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573574	1	11/09/20 17:20	11/10/20 05:41	JN	Mt. Juliet, TN

NSW-3 L1283086-34 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573596	1	11/10/20 06:48	11/10/20 06:59	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573348	1	11/09/20 16:47	11/10/20 08:35	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573872	1	11/09/20 10:54	11/10/20 15:04	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573714	1	11/09/20 10:54	11/09/20 23:59	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573574	1	11/09/20 17:20	11/10/20 09:27	JN	Mt. Juliet, TN

NSW-4 L1283086-35 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573597	1	11/10/20 06:32	11/10/20 06:40	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573348	1	11/09/20 16:47	11/10/20 08:44	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573872	1	11/09/20 10:54	11/10/20 15:25	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573714	1	11/09/20 10:54	11/10/20 00:18	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573574	1	11/09/20 17:20	11/10/20 05:54	JN	Mt. Juliet, TN

NSW-5 L1283086-36 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573597	1	11/10/20 06:32	11/10/20 06:40	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573348	1	11/09/20 16:47	11/10/20 09:13	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573872	1	11/09/20 10:54	11/10/20 15:45	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573714	1	11/09/20 10:54	11/10/20 00:37	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573574	1	11/09/20 17:20	11/10/20 10:06	JN	Mt. Juliet, TN

NSW-6 L1283086-37 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573597	1	11/10/20 06:32	11/10/20 06:40	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573348	1	11/09/20 16:47	11/10/20 09:22	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573872	1	11/09/20 10:54	11/10/20 16:06	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573714	1	11/09/20 10:54	11/10/20 00:56	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573574	1	11/09/20 17:20	11/10/20 09:53	JN	Mt. Juliet, TN

NSW-7 L1283086-38 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573597	1	11/10/20 06:32	11/10/20 06:40	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573348	1	11/09/20 16:47	11/10/20 09:32	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573872	1	11/09/20 10:54	11/10/20 16:27	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573714	1	11/09/20 10:54	11/10/20 01:15	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573574	1	11/09/20 17:20	11/10/20 06:07	JN	Mt. Juliet, TN

CSW-1 L1283086-39 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573597	1	11/10/20 06:32	11/10/20 06:40	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573348	1	11/09/20 16:47	11/10/20 09:51	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573872	1	11/09/20 10:54	11/10/20 16:48	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573714	1	11/09/20 10:54	11/10/20 01:34	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573574	1	11/09/20 17:20	11/10/20 08:36	JN	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573574	2	11/09/20 17:20	11/10/20 14:03	DMG	Mt. Juliet, TN

CSW-2 L1283086-40 Solid

Collected by: John Thurston | Collected date/time: 11/05/20 00:00 | Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573597	1	11/10/20 06:32	11/10/20 06:40	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573348	1	11/09/20 16:47	11/10/20 10:00	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573872	1	11/09/20 10:54	11/10/20 17:10	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573714	1	11/09/20 10:54	11/10/20 01:53	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573574	1	11/09/20 17:20	11/10/20 08:49	JN	Mt. Juliet, TN

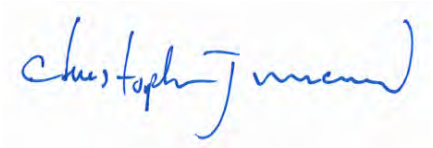
1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

CSW-3 L1283086-41 Solid

Collected by: John Thurston
Collected date/time: 11/05/20 00:00
Received date/time: 11/07/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1573597	1	11/10/20 06:32	11/10/20 06:40	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1573352	1	11/09/20 16:10	11/10/20 02:03	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1573872	1	11/09/20 10:54	11/10/20 17:31	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1573714	1	11/09/20 10:54	11/10/20 02:12	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573575	10	11/10/20 16:49	11/11/20 13:02	JDG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1573575	5	11/10/20 16:49	11/11/20 10:16	JDG	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Chris McCord
Project Manager

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	98.8		1	11/09/2020 15:50	WG1573592

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	141		9.32	20.3	1	11/09/2020 19:05	WG1573346

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0220	0.101	1	11/09/2020 15:50	WG1573562
(S) a,a,a-Trifluorotoluene(FID)	*99.4*			*77.0-120*		*11/09/2020 15:50*	WG1573562

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000479	0.00103	1	11/09/2020 22:50	WG1573526
Toluene	U		0.00133	0.00513	1	11/09/2020 22:50	WG1573526
Ethylbenzene	U		0.000756	0.00256	1	11/09/2020 22:50	WG1573526
Total Xylenes	U		0.000902	0.00666	1	11/09/2020 22:50	WG1573526
(S) Toluene-d8	*106*			*75.0-131*		*11/09/2020 22:50*	WG1573526
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*11/09/2020 22:50*	WG1573526
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*11/09/2020 22:50*	WG1573526

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U	J3	1.63	4.05	1	11/10/2020 11:59	WG1573573
C28-C40 Oil Range	U		0.277	4.05	1	11/10/2020 11:59	WG1573573
(S) o-Terphenyl	*59.2*			*18.0-148*		*11/10/2020 11:59*	WG1573573

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.1		1	11/09/2020 15:50	WG1573592

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	440		9.58	20.8	1	11/09/2020 19:14	WG1573346

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0226	0.104	1	11/09/2020 16:12	WG1573562
(S) a,a,a-Trifluorotoluene(FID)	*99.4*			*77.0-120*		*11/09/2020 16:12*	WG1573562

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000505	0.00108	1	11/09/2020 23:09	WG1573526
Toluene	U		0.00141	0.00541	1	11/09/2020 23:09	WG1573526
Ethylbenzene	U		0.000797	0.00270	1	11/09/2020 23:09	WG1573526
Total Xylenes	U		0.000952	0.00703	1	11/09/2020 23:09	WG1573526
(S) Toluene-d8	*105*			*75.0-131*		*11/09/2020 23:09*	WG1573526
(S) 4-Bromofluorobenzene	*98.9*			*67.0-138*		*11/09/2020 23:09*	WG1573526
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*11/09/2020 23:09*	WG1573526

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	7.15		1.68	4.16	1	11/10/2020 08:01	WG1573573
C28-C40 Oil Range	6.87		0.285	4.16	1	11/10/2020 08:01	WG1573573
(S) o-Terphenyl	*70.8*			*18.0-148*		*11/10/2020 08:01*	WG1573573

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	99.2		1	11/09/2020 15:50	WG1573592

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	159		9.27	20.2	1	11/09/2020 19:33	WG1573346

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0219	0.101	1	11/09/2020 16:35	WG1573562
(S) a,a,a-Trifluorotoluene(FID)	*99.5*			*77.0-120*		*11/09/2020 16:35*	WG1573562

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000474	0.00102	1	11/09/2020 23:29	WG1573526
Toluene	U		0.00132	0.00508	1	11/09/2020 23:29	WG1573526
Ethylbenzene	U		0.000748	0.00254	1	11/09/2020 23:29	WG1573526
Total Xylenes	U		0.000894	0.00660	1	11/09/2020 23:29	WG1573526
(S) Toluene-d8	*105*			*75.0-131*		*11/09/2020 23:29*	WG1573526
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*11/09/2020 23:29*	WG1573526
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*11/09/2020 23:29*	WG1573526

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	6.03		1.62	4.03	1	11/10/2020 08:15	WG1573573
C28-C40 Oil Range	12.4		0.276	4.03	1	11/10/2020 08:15	WG1573573
(S) o-Terphenyl	*36.3*			*18.0-148*		*11/10/2020 08:15*	WG1573573

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.5		1	11/09/2020 15:50	WG1573592

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	209		9.53	20.7	1	11/09/2020 19:43	WG1573346

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0225	0.104	1	11/09/2020 16:57	WG1573562
(S) a,a,a-Trifluorotoluene(FID)	*100*			*77.0-120*		*11/09/2020 16:57*	WG1573562

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.00200	0.00429	4	11/10/2020 00:19	WG1573526
Toluene	U		0.00557	0.0214	4	11/10/2020 00:19	WG1573526
Ethylbenzene	U		0.00316	0.0107	4	11/10/2020 00:19	WG1573526
Total Xylenes	U		0.00377	0.0279	4	11/10/2020 00:19	WG1573526
(S) Toluene-d8	*101*			*75.0-131*		*11/10/2020 00:19*	WG1573526
(S) 4-Bromofluorobenzene	*110*			*67.0-138*		*11/10/2020 00:19*	WG1573526
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*11/10/2020 00:19*	WG1573526

Sample Narrative:

L1283086-04 WG1573526: Dilution due to foam.

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	2.52	J	1.67	4.14	1	11/10/2020 08:28	WG1573573
C28-C40 Oil Range	1.79	J	0.284	4.14	1	11/10/2020 08:28	WG1573573
(S) o-Terphenyl	*68.8*			*18.0-148*		*11/10/2020 08:28*	WG1573573

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	99.6		1	11/09/2020 16:14	WG1573593

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	35.1		9.24	20.1	1	11/09/2020 19:52	WG1573346

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0218	0.100	1	11/09/2020 17:20	WG1573562
(S) a,a,a-Trifluorotoluene(FID)	*99.5*			*77.0-120*		*11/09/2020 17:20*	WG1573562

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000471	0.00101	1	11/10/2020 00:39	WG1573526
Toluene	U		0.00131	0.00504	1	11/10/2020 00:39	WG1573526
Ethylbenzene	U		0.000744	0.00252	1	11/10/2020 00:39	WG1573526
Total Xylenes	U		0.000888	0.00656	1	11/10/2020 00:39	WG1573526
(S) Toluene-d8	*107*			*75.0-131*		*11/10/2020 00:39*	WG1573526
(S) 4-Bromofluorobenzene	*97.6*			*67.0-138*		*11/10/2020 00:39*	WG1573526
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*11/10/2020 00:39*	WG1573526

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	2.76	J	1.62	4.02	1	11/10/2020 08:42	WG1573573
C28-C40 Oil Range	4.41		0.275	4.02	1	11/10/2020 08:42	WG1573573
(S) o-Terphenyl	*77.3*			*18.0-148*		*11/10/2020 08:42*	WG1573573

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	97.7		1	11/09/2020 16:14	WG1573593

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	167		9.41	20.5	1	11/09/2020 20:02	WG1573346

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0222	0.102	1	11/09/2020 17:42	WG1573562
(S) a,a,a-Trifluorotoluene(FID)	*99.4*			*77.0-120*		*11/09/2020 17:42*	WG1573562

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000489	0.00105	1	11/10/2020 01:24	WG1573526
Toluene	U		0.00136	0.00523	1	11/10/2020 01:24	WG1573526
Ethylbenzene	U		0.000771	0.00262	1	11/10/2020 01:24	WG1573526
Total Xylenes	U		0.000921	0.00680	1	11/10/2020 01:24	WG1573526
(S) Toluene-d8	*106*			*75.0-131*		*11/10/2020 01:24*	WG1573526
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*11/10/2020 01:24*	WG1573526
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*11/10/2020 01:24*	WG1573526

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	4.52		1.65	4.09	1	11/10/2020 08:55	WG1573573
C28-C40 Oil Range	8.45		0.280	4.09	1	11/10/2020 08:55	WG1573573
(S) o-Terphenyl	*84.9*			*18.0-148*		*11/10/2020 08:55*	WG1573573

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	97.7		1	11/09/2020 16:14	WG1573593

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	232		9.42	20.5	1	11/09/2020 20:11	WG1573346

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0222	0.102	1	11/09/2020 18:05	WG1573562
(S) a,a,a-Trifluorotoluene(FID)	*99.1*			*77.0-120*		*11/09/2020 18:05*	WG1573562

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000613	0.00131	1.26	11/10/2020 01:43	WG1573526
Toluene	U		0.00171	0.00657	1.26	11/10/2020 01:43	WG1573526
Ethylbenzene	U		0.000968	0.00328	1.26	11/10/2020 01:43	WG1573526
Total Xylenes	U		0.00116	0.00854	1.26	11/10/2020 01:43	WG1573526
(S) Toluene-d8	*105*			*75.0-131*		*11/10/2020 01:43*	WG1573526
(S) 4-Bromofluorobenzene	*94.9*			*67.0-138*		*11/10/2020 01:43*	WG1573526
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*11/10/2020 01:43*	WG1573526

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	40.6		1.65	4.09	1	11/10/2020 12:54	WG1573573
C28-C40 Oil Range	33.2		0.280	4.09	1	11/10/2020 12:54	WG1573573
(S) o-Terphenyl	*73.1*			*18.0-148*		*11/10/2020 12:54*	WG1573573

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	94.1		1	11/09/2020 16:14	WG1573593

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	320		9.77	21.2	1	11/09/2020 20:40	WG1573346

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0230	0.106	1	11/09/2020 18:53	WG1573562
(S) a,a,a-Trifluorotoluene(FID)	*99.4*			*77.0-120*		*11/09/2020 18:53*	WG1573562

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000525	0.00112	1	11/10/2020 02:02	WG1573526
Toluene	U		0.00146	0.00562	1	11/10/2020 02:02	WG1573526
Ethylbenzene	U		0.000829	0.00281	1	11/10/2020 02:02	WG1573526
Total Xylenes	U		0.000989	0.00731	1	11/10/2020 02:02	WG1573526
(S) Toluene-d8	*106*			*75.0-131*		*11/10/2020 02:02*	WG1573526
(S) 4-Bromofluorobenzene	*96.7*			*67.0-138*		*11/10/2020 02:02*	WG1573526
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*11/10/2020 02:02*	WG1573526

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	5.13		1.71	4.25	1	11/10/2020 09:08	WG1573573
C28-C40 Oil Range	4.17	J	0.291	4.25	1	11/10/2020 09:08	WG1573573
(S) o-Terphenyl	*63.6*			*18.0-148*		*11/10/2020 09:08*	WG1573573

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	97.8		1	11/09/2020 16:14	WG1573593

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	197		9.41	20.4	1	11/09/2020 20:50	WG1573346

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0222	0.102	1	11/09/2020 19:24	WG1573562
(S) a,a,a-Trifluorotoluene(FID)	*99.7*			*77.0-120*		*11/09/2020 19:24*	WG1573562

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000488	0.00104	1	11/10/2020 02:21	WG1573526
Toluene	U		0.00136	0.00522	1	11/10/2020 02:21	WG1573526
Ethylbenzene	U		0.000770	0.00261	1	11/10/2020 02:21	WG1573526
Total Xylenes	U		0.000920	0.00679	1	11/10/2020 02:21	WG1573526
(S) Toluene-d8	*110*			*75.0-131*		*11/10/2020 02:21*	WG1573526
(S) 4-Bromofluorobenzene	*100*			*67.0-138*		*11/10/2020 02:21*	WG1573526
(S) 1,2-Dichloroethane-d4	*95.4*			*70.0-130*		*11/10/2020 02:21*	WG1573526

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	15.0		1.65	4.09	1	11/10/2020 09:22	WG1573573
C28-C40 Oil Range	16.3		0.280	4.09	1	11/10/2020 09:22	WG1573573
(S) o-Terphenyl	*59.8*			*18.0-148*		*11/10/2020 09:22*	WG1573573

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.5		1	11/09/2020 16:14	WG1573593

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	282		9.53	20.7	1	11/09/2020 20:59	WG1573346

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0225	0.104	1	11/09/2020 19:47	WG1573562
(S) a,a,a-Trifluorotoluene(FID)	*99.4*			*77.0-120*		*11/09/2020 19:47*	WG1573562

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000501	0.00107	1	11/10/2020 03:06	WG1573526
Toluene	U		0.00139	0.00536	1	11/10/2020 03:06	WG1573526
Ethylbenzene	U		0.000790	0.00268	1	11/10/2020 03:06	WG1573526
Total Xylenes	0.000965	J	0.000943	0.00697	1	11/10/2020 03:06	WG1573526
(S) Toluene-d8	*105*			*75.0-131*		*11/10/2020 03:06*	WG1573526
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*11/10/2020 03:06*	WG1573526
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*11/10/2020 03:06*	WG1573526

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	9.32		1.67	4.14	1	11/10/2020 09:36	WG1573573
C28-C40 Oil Range	12.7		0.284	4.14	1	11/10/2020 09:36	WG1573573
(S) o-Terphenyl	*69.7*			*18.0-148*		*11/10/2020 09:36*	WG1573573

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	99.4		1	11/09/2020 16:14	WG1573593

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	35.2		9.26	20.1	1	11/09/2020 21:09	WG1573346

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0218	0.101	1	11/09/2020 16:09	WG1573583
(S) a,a,a-Trifluorotoluene(FID)	*109*			*77.0-120*		*11/09/2020 16:09*	WG1573583

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000473	0.00101	1	11/10/2020 03:25	WG1573526
Toluene	U		0.00132	0.00506	1	11/10/2020 03:25	WG1573526
Ethylbenzene	U		0.000746	0.00253	1	11/10/2020 03:25	WG1573526
Total Xylenes	U		0.000891	0.00658	1	11/10/2020 03:25	WG1573526
(S) Toluene-d8	*106*			*75.0-131*		*11/10/2020 03:25*	WG1573526
(S) 4-Bromofluorobenzene	*97.2*			*67.0-138*		*11/10/2020 03:25*	WG1573526
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*11/10/2020 03:25*	WG1573526

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	1.66	J	1.62	4.02	1	11/10/2020 09:49	WG1573573
C28-C40 Oil Range	2.99	J	0.276	4.02	1	11/10/2020 09:49	WG1573573
(S) o-Terphenyl	*64.9*			*18.0-148*		*11/10/2020 09:49*	WG1573573

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	94.6		1	11/09/2020 16:14	WG1573593

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	237		9.72	21.1	1	11/09/2020 21:18	WG1573346

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0229	0.106	1	11/09/2020 16:30	WG1573583
(S) a,a,a-Trifluorotoluene(FID)	*107*			*77.0-120*		*11/09/2020 16:30*	WG1573583

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000520	0.00111	1	11/10/2020 03:45	WG1573526
Toluene	U		0.00145	0.00557	1	11/10/2020 03:45	WG1573526
Ethylbenzene	U		0.000821	0.00278	1	11/10/2020 03:45	WG1573526
Total Xylenes	U		0.000980	0.00724	1	11/10/2020 03:45	WG1573526
(S) Toluene-d8	*104*			*75.0-131*		*11/10/2020 03:45*	WG1573526
(S) 4-Bromofluorobenzene	*95.3*			*67.0-138*		*11/10/2020 03:45*	WG1573526
(S) 1,2-Dichloroethane-d4	*98.9*			*70.0-130*		*11/10/2020 03:45*	WG1573526

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	3.35	J	1.70	4.23	1	11/10/2020 10:03	WG1573573
C28-C40 Oil Range	2.76	J	0.290	4.23	1	11/10/2020 10:03	WG1573573
(S) o-Terphenyl	*63.5*			*18.0-148*		*11/10/2020 10:03*	WG1573573

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	95.6		1	11/09/2020 16:14	WG1573593

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	275		9.62	20.9	1	11/09/2020 21:28	WG1573346

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0623	J	0.0227	0.105	1	11/09/2020 16:51	WG1573583
(S) a,a,a-Trifluorotoluene(FID)	*111*			*77.0-120*		*11/09/2020 16:51*	WG1573583

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000510	0.00109	1	11/10/2020 04:04	WG1573526
Toluene	U		0.00142	0.00546	1	11/10/2020 04:04	WG1573526
Ethylbenzene	U		0.000805	0.00273	1	11/10/2020 04:04	WG1573526
Total Xylenes	U		0.000961	0.00710	1	11/10/2020 04:04	WG1573526
(S) Toluene-d8	*107*			*75.0-131*		*11/10/2020 04:04*	WG1573526
(S) 4-Bromofluorobenzene	*98.8*			*67.0-138*		*11/10/2020 04:04*	WG1573526
(S) 1,2-Dichloroethane-d4	*96.8*			*70.0-130*		*11/10/2020 04:04*	WG1573526

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	1.79	J	1.68	4.18	1	11/10/2020 10:16	WG1573573
C28-C40 Oil Range	1.21	J	0.287	4.18	1	11/10/2020 10:16	WG1573573
(S) o-Terphenyl	*52.1*			*18.0-148*		*11/10/2020 10:16*	WG1573573

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.3		1	11/09/2020 16:14	WG1573593

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	398		9.55	20.8	1	11/09/2020 21:56	WG1573346

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0225	0.104	1	11/09/2020 17:12	WG1573583
(S) a,a,a-Trifluorotoluene(FID)	*113*			*77.0-120*		*11/09/2020 17:12*	WG1573583

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000502	0.00108	1	11/10/2020 09:11	WG1573628
Toluene	U		0.00140	0.00538	1	11/10/2020 09:11	WG1573628
Ethylbenzene	U		0.000793	0.00269	1	11/10/2020 09:11	WG1573628
Total Xylenes	U		0.000947	0.00699	1	11/10/2020 09:11	WG1573628
(S) Toluene-d8	*105*			*75.0-131*		*11/10/2020 09:11*	WG1573628
(S) 4-Bromofluorobenzene	*98.4*			*67.0-138*		*11/10/2020 09:11*	WG1573628
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*11/10/2020 09:11*	WG1573628

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	7.68		1.67	4.15	1	11/10/2020 10:30	WG1573573
C28-C40 Oil Range	6.52		0.284	4.15	1	11/10/2020 10:30	WG1573573
(S) o-Terphenyl	*64.4*			*18.0-148*		*11/10/2020 10:30*	WG1573573

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	94.4		1	11/09/2020 16:03	WG1573595

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	261		9.74	21.2	1	11/09/2020 22:06	WG1573346

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0230	0.106	1	11/09/2020 17:33	WG1573583
(S) a,a,a-Trifluorotoluene(FID)	*108*			*77.0-120*		*11/09/2020 17:33*	WG1573583

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000522	0.00112	1	11/10/2020 09:30	WG1573628
Toluene	U		0.00145	0.00559	1	11/10/2020 09:30	WG1573628
Ethylbenzene	U		0.000824	0.00280	1	11/10/2020 09:30	WG1573628
Total Xylenes	U		0.000984	0.00727	1	11/10/2020 09:30	WG1573628
(S) Toluene-d8	*114*			*75.0-131*		*11/10/2020 09:30*	WG1573628
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*11/10/2020 09:30*	WG1573628
(S) 1,2-Dichloroethane-d4	*96.9*			*70.0-130*		*11/10/2020 09:30*	WG1573628

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	4.41		1.71	4.24	1	11/10/2020 13:07	WG1573573
C28-C40 Oil Range	1.86	J	0.290	4.24	1	11/10/2020 13:07	WG1573573
(S) o-Terphenyl	*57.8*			*18.0-148*		*11/10/2020 13:07*	WG1573573

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.5		1	11/09/2020 16:03	WG1573595

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	187		9.53	20.7	1	11/09/2020 22:34	WG1573346

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0225	0.104	1	11/09/2020 17:54	WG1573583
(S) a,a,a-Trifluorotoluene(FID)	*108*			*77.0-120*		*11/09/2020 17:54*	WG1573583

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000500	0.00107	1	11/10/2020 09:49	WG1573628
Toluene	U		0.00139	0.00536	1	11/10/2020 09:49	WG1573628
Ethylbenzene	U		0.000790	0.00268	1	11/10/2020 09:49	WG1573628
Total Xylenes	U		0.000943	0.00697	1	11/10/2020 09:49	WG1573628
(S) Toluene-d8	*106*			*75.0-131*		*11/10/2020 09:49*	WG1573628
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*11/10/2020 09:49*	WG1573628
(S) 1,2-Dichloroethane-d4	*95.2*			*70.0-130*		*11/10/2020 09:49*	WG1573628

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	2.79	J	1.67	4.14	1	11/10/2020 13:21	WG1573573
C28-C40 Oil Range	U		0.284	4.14	1	11/10/2020 13:21	WG1573573
(S) o-Terphenyl	*77.7*			*18.0-148*		*11/10/2020 13:21*	WG1573573

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	97.0		1	11/09/2020 16:03	WG1573595

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	629		9.49	20.6	1	11/09/2020 22:44	WG1573346

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0224	0.103	1	11/09/2020 18:14	WG1573583
(S) a,a,a-Trifluorotoluene(FID)	*109*			*77.0-120*		*11/09/2020 18:14*	WG1573583

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000496	0.00106	1	11/10/2020 10:08	WG1573628
Toluene	U		0.00138	0.00531	1	11/10/2020 10:08	WG1573628
Ethylbenzene	U		0.000783	0.00266	1	11/10/2020 10:08	WG1573628
Total Xylenes	U		0.000935	0.00690	1	11/10/2020 10:08	WG1573628
(S) Toluene-d8	*106*			*75.0-131*		*11/10/2020 10:08*	WG1573628
(S) 4-Bromofluorobenzene	*98.3*			*67.0-138*		*11/10/2020 10:08*	WG1573628
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*11/10/2020 10:08*	WG1573628

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	136		1.66	4.12	1	11/10/2020 13:35	WG1573573
C28-C40 Oil Range	266		0.565	8.25	2	11/11/2020 06:15	WG1573573
(S) o-Terphenyl	*102*			*18.0-148*		*11/11/2020 06:15*	WG1573573
(S) o-Terphenyl	*84.4*			*18.0-148*		*11/10/2020 13:35*	WG1573573

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	97.0		1	11/09/2020 16:03	WG1573595

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	638		9.49	20.6	1	11/09/2020 22:53	WG1573346

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0224	0.103	1	11/09/2020 18:35	WG1573583
(S) a,a,a-Trifluorotoluene(FID)	*109*			*77.0-120*		*11/09/2020 18:35*	WG1573583

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000496	0.00106	1	11/10/2020 10:28	WG1573628
Toluene	U		0.00138	0.00531	1	11/10/2020 10:28	WG1573628
Ethylbenzene	U		0.000783	0.00266	1	11/10/2020 10:28	WG1573628
Total Xylenes	U		0.000935	0.00690	1	11/10/2020 10:28	WG1573628
(S) Toluene-d8	*107*			*75.0-131*		*11/10/2020 10:28*	WG1573628
(S) 4-Bromofluorobenzene	*99.7*			*67.0-138*		*11/10/2020 10:28*	WG1573628
(S) 1,2-Dichloroethane-d4	*99.7*			*70.0-130*		*11/10/2020 10:28*	WG1573628

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	151		1.66	4.12	1	11/10/2020 13:48	WG1573573
C28-C40 Oil Range	286		0.565	8.25	2	11/11/2020 06:29	WG1573573
(S) o-Terphenyl	*84.5*			*18.0-148*		*11/10/2020 13:48*	WG1573573
(S) o-Terphenyl	*90.4*			*18.0-148*		*11/11/2020 06:29*	WG1573573

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	97.0		1	11/09/2020 16:03	WG1573595

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	615		9.49	20.6	1	11/09/2020 23:03	WG1573346

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0224	0.103	1	11/09/2020 18:56	WG1573583
(S) a,a,a-Trifluorotoluene(FID)	*108*			*77.0-120*		*11/09/2020 18:56*	WG1573583

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000496	0.00106	1	11/10/2020 10:47	WG1573628
Toluene	U		0.00138	0.00531	1	11/10/2020 10:47	WG1573628
Ethylbenzene	U		0.000783	0.00266	1	11/10/2020 10:47	WG1573628
Total Xylenes	U		0.000935	0.00691	1	11/10/2020 10:47	WG1573628
(S) Toluene-d8	*103*			*75.0-131*		*11/10/2020 10:47*	WG1573628
(S) 4-Bromofluorobenzene	*98.8*			*67.0-138*		*11/10/2020 10:47*	WG1573628
(S) 1,2-Dichloroethane-d4	*98.1*			*70.0-130*		*11/10/2020 10:47*	WG1573628

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	113		1.66	4.13	1	11/10/2020 14:02	WG1573573
C28-C40 Oil Range	237		0.565	8.25	2	11/11/2020 06:42	WG1573573
(S) o-Terphenyl	*62.3*			*18.0-148*		*11/10/2020 14:02*	WG1573573
(S) o-Terphenyl	*68.8*			*18.0-148*		*11/11/2020 06:42*	WG1573573

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.9		1	11/09/2020 16:03	WG1573595

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	541		9.49	20.6	1	11/09/2020 23:12	WG1573346

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0224	0.103	1	11/09/2020 19:17	WG1573583
(S) a,a,a-Trifluorotoluene(FID)	*107*			*77.0-120*		*11/09/2020 19:17*	WG1573583

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000497	0.00106	1	11/10/2020 11:06	WG1573628
Toluene	U		0.00138	0.00532	1	11/10/2020 11:06	WG1573628
Ethylbenzene	U		0.000784	0.00266	1	11/10/2020 11:06	WG1573628
Total Xylenes	U		0.000936	0.00692	1	11/10/2020 11:06	WG1573628
(S) Toluene-d8	*107*			*75.0-131*		*11/10/2020 11:06*	WG1573628
(S) 4-Bromofluorobenzene	*100*			*67.0-138*		*11/10/2020 11:06*	WG1573628
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*11/10/2020 11:06*	WG1573628

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	149		1.66	4.13	1	11/10/2020 14:16	WG1573573
C28-C40 Oil Range	323		0.566	8.26	2	11/11/2020 06:55	WG1573573
(S) o-Terphenyl	*85.5*			*18.0-148*		*11/11/2020 06:55*	WG1573573
(S) o-Terphenyl	*73.0*			*18.0-148*		*11/10/2020 14:16*	WG1573573

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	97.2		1	11/09/2020 16:03	WG1573595

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	591		9.47	20.6	1	11/10/2020 05:43	WG1573348

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0223	0.103	1	11/09/2020 19:38	WG1573583
(S) a,a,a-Trifluorotoluene(FID)	*108*			*77.0-120*		*11/09/2020 19:38*	WG1573583

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000494	0.00106	1	11/10/2020 11:25	WG1573628
Toluene	U		0.00138	0.00529	1	11/10/2020 11:25	WG1573628
Ethylbenzene	U		0.000780	0.00265	1	11/10/2020 11:25	WG1573628
Total Xylenes	U		0.000931	0.00688	1	11/10/2020 11:25	WG1573628
(S) Toluene-d8	*103*			*75.0-131*		*11/10/2020 11:25*	WG1573628
(S) 4-Bromofluorobenzene	*95.0*			*67.0-138*		*11/10/2020 11:25*	WG1573628
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*11/10/2020 11:25*	WG1573628

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	192		1.66	4.12	1	11/10/2020 03:20	WG1573574
C28-C40 Oil Range	467		1.41	20.6	5	11/10/2020 11:24	WG1573574
(S) o-Terphenyl	*42.4*			*18.0-148*		*11/10/2020 11:24*	WG1573574
(S) o-Terphenyl	*41.8*			*18.0-148*		*11/10/2020 03:20*	WG1573574

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.8		1	11/09/2020 16:03	WG1573595

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	365		9.50	20.7	1	11/10/2020 05:53	WG1573348

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0443	J	0.0224	0.103	1	11/09/2020 19:59	WG1573583
(S) a,a,a-Trifluorotoluene(FID)	*108*			*77.0-120*		*11/09/2020 19:59*	WG1573583

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000497	0.00107	1	11/10/2020 11:45	WG1573628
Toluene	U		0.00138	0.00533	1	11/10/2020 11:45	WG1573628
Ethylbenzene	U		0.000785	0.00266	1	11/10/2020 11:45	WG1573628
Total Xylenes	U		0.000937	0.00692	1	11/10/2020 11:45	WG1573628
(S) Toluene-d8	*106*			*75.0-131*		*11/10/2020 11:45*	WG1573628
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*11/10/2020 11:45*	WG1573628
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*11/10/2020 11:45*	WG1573628

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	70.6		1.66	4.13	1	11/10/2020 10:58	WG1573574
C28-C40 Oil Range	180		0.566	8.26	2	11/10/2020 12:02	WG1573574
(S) o-Terphenyl	*37.9*			*18.0-148*		*11/10/2020 10:58*	WG1573574
(S) o-Terphenyl	*41.1*			*18.0-148*		*11/10/2020 12:02*	WG1573574

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	97.3		1	11/09/2020 16:03	WG1573595

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	28.9		9.46	20.6	1	11/10/2020 06:12	WG1573348

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0223	0.103	1	11/09/2020 20:20	WG1573583
(S) a,a,a-Trifluorotoluene(FID)	*109*			*77.0-120*		*11/09/2020 20:20*	WG1573583

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000493	0.00106	1	11/10/2020 12:04	WG1573628
Toluene	U		0.00137	0.00528	1	11/10/2020 12:04	WG1573628
Ethylbenzene	U		0.000779	0.00264	1	11/10/2020 12:04	WG1573628
Total Xylenes	U		0.000930	0.00687	1	11/10/2020 12:04	WG1573628
(S) Toluene-d8	*107*			*75.0-131*		*11/10/2020 12:04*	WG1573628
(S) 4-Bromofluorobenzene	*93.4*			*67.0-138*		*11/10/2020 12:04*	WG1573628
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*11/10/2020 12:04*	WG1573628

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.66	4.11	1	11/10/2020 03:46	WG1573574
C28-C40 Oil Range	3.10	B J	0.282	4.11	1	11/10/2020 03:46	WG1573574
(S) o-Terphenyl	*72.3*			*18.0-148*		*11/10/2020 03:46*	WG1573574

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.7		1	11/09/2020 16:03	WG1573595

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	288		9.51	20.7	1	11/10/2020 06:21	WG1573348

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0224	0.103	1	11/09/2020 20:41	WG1573583
(S) a,a,a-Trifluorotoluene(FID)	*107*			*77.0-120*		*11/09/2020 20:41*	WG1573583

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000499	0.00107	1	11/10/2020 12:23	WG1573628
Toluene	U		0.00139	0.00534	1	11/10/2020 12:23	WG1573628
Ethylbenzene	U		0.000787	0.00267	1	11/10/2020 12:23	WG1573628
Total Xylenes	U		0.000940	0.00695	1	11/10/2020 12:23	WG1573628
(S) Toluene-d8	*104*			*75.0-131*		*11/10/2020 12:23*	WG1573628
(S) 4-Bromofluorobenzene	*99.4*			*67.0-138*		*11/10/2020 12:23*	WG1573628
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*11/10/2020 12:23*	WG1573628

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	4.37		1.67	4.14	1	11/10/2020 03:59	WG1573574
C28-C40 Oil Range	9.02		0.283	4.14	1	11/10/2020 03:59	WG1573574
(S) o-Terphenyl	*53.4*			*18.0-148*		*11/10/2020 03:59*	WG1573574

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.1		1	11/10/2020 06:59	WG1573596

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	29.6		9.57	20.8	1	11/10/2020 06:31	WG1573348

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0226	0.104	1	11/09/2020 21:02	WG1573583
(S) a,a,a-Trifluorotoluene(FID)	*111*			*77.0-120*		*11/09/2020 21:02*	WG1573583

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000505	0.00108	1	11/10/2020 12:42	WG1573628
Toluene	U		0.00140	0.00540	1	11/10/2020 12:42	WG1573628
Ethylbenzene	U		0.000796	0.00270	1	11/10/2020 12:42	WG1573628
Total Xylenes	U		0.000951	0.00702	1	11/10/2020 12:42	WG1573628
(S) Toluene-d8	*107*			*75.0-131*		*11/10/2020 12:42*	WG1573628
(S) 4-Bromofluorobenzene	*97.2*			*67.0-138*		*11/10/2020 12:42*	WG1573628
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*11/10/2020 12:42*	WG1573628

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	16.3		1.67	4.16	1	11/10/2020 09:40	WG1573574
C28-C40 Oil Range	46.6		0.285	4.16	1	11/10/2020 09:40	WG1573574
(S) o-Terphenyl	*46.5*			*18.0-148*		*11/10/2020 09:40*	WG1573574

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	99.0		1	11/10/2020 06:59	WG1573596

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	118		9.30	20.2	1	11/10/2020 06:40	WG1573348

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0219	0.101	1	11/09/2020 21:23	WG1573583
(S) a,a,a-Trifluorotoluene(FID)	*107*			*77.0-120*		*11/09/2020 21:23*	WG1573583

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000477	0.00102	1	11/10/2020 13:02	WG1573628
Toluene	U		0.00133	0.00511	1	11/10/2020 13:02	WG1573628
Ethylbenzene	U		0.000753	0.00255	1	11/10/2020 13:02	WG1573628
Total Xylenes	U		0.000899	0.00664	1	11/10/2020 13:02	WG1573628
(S) Toluene-d8	*104*			*75.0-131*		*11/10/2020 13:02*	WG1573628
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*11/10/2020 13:02*	WG1573628
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*11/10/2020 13:02*	WG1573628

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	16.7		1.63	4.04	1	11/10/2020 04:11	WG1573574
C28-C40 Oil Range	38.4		0.277	4.04	1	11/10/2020 04:11	WG1573574
(S) o-Terphenyl	*52.9*			*18.0-148*		*11/10/2020 04:11*	WG1573574

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	98.9		1	11/10/2020 06:59	WG1573596

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	168		9.30	20.2	1	11/10/2020 06:50	WG1573348

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0219	0.101	1	11/09/2020 21:44	WG1573583
(S) a,a,a-Trifluorotoluene(FID)	*108*			*77.0-120*		*11/09/2020 21:44*	WG1573583

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000477	0.00102	1	11/10/2020 13:21	WG1573628
Toluene	U		0.00133	0.00511	1	11/10/2020 13:21	WG1573628
Ethylbenzene	U		0.000753	0.00255	1	11/10/2020 13:21	WG1573628
Total Xylenes	U		0.000899	0.00664	1	11/10/2020 13:21	WG1573628
(S) Toluene-d8	*105*			*75.0-131*		*11/10/2020 13:21*	WG1573628
(S) 4-Bromofluorobenzene	*99.5*			*67.0-138*		*11/10/2020 13:21*	WG1573628
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*11/10/2020 13:21*	WG1573628

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	13.2		1.63	4.04	1	11/10/2020 04:24	WG1573574
C28-C40 Oil Range	29.7		0.277	4.04	1	11/10/2020 04:24	WG1573574
(S) o-Terphenyl	*53.2*			*18.0-148*		*11/10/2020 04:24*	WG1573574

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	99.1		1	11/10/2020 06:59	WG1573596

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	146		9.29	20.2	1	11/10/2020 07:18	WG1573348

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0326	B J	0.0219	0.101	1	11/10/2020 12:23	WG1573872
(S) a,a,a-Trifluorotoluene(FID)	*95.6*			*77.0-120*		*11/10/2020 12:23*	WG1573872

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000476	0.00102	1	11/10/2020 13:40	WG1573628
Toluene	U		0.00132	0.00510	1	11/10/2020 13:40	WG1573628
Ethylbenzene	U		0.000751	0.00255	1	11/10/2020 13:40	WG1573628
Total Xylenes	U		0.000897	0.00662	1	11/10/2020 13:40	WG1573628
(S) Toluene-d8	*106*			*75.0-131*		*11/10/2020 13:40*	WG1573628
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*11/10/2020 13:40*	WG1573628
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*11/10/2020 13:40*	WG1573628

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	16.1		1.63	4.04	1	11/10/2020 04:37	WG1573574
C28-C40 Oil Range	35.6		0.277	4.04	1	11/10/2020 04:37	WG1573574
(S) o-Terphenyl	*54.0*			*18.0-148*		*11/10/2020 04:37*	WG1573574

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	93.0		1	11/10/2020 06:59	WG1573596

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	47.6		9.89	21.5	1	11/10/2020 07:28	WG1573348

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0269	B J	0.0233	0.108	1	11/10/2020 12:44	WG1573872
(S) a,a,a-Trifluorotoluene(FID)	*94.7*			*77.0-120*		*11/10/2020 12:44*	WG1573872

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000538	0.00115	1	11/10/2020 13:59	WG1573628
Toluene	U		0.00150	0.00576	1	11/10/2020 13:59	WG1573628
Ethylbenzene	U		0.000848	0.00288	1	11/10/2020 13:59	WG1573628
Total Xylenes	U		0.00101	0.00748	1	11/10/2020 13:59	WG1573628
(S) Toluene-d8	*104*			*75.0-131*		*11/10/2020 13:59*	WG1573628
(S) 4-Bromofluorobenzene	*99.5*			*67.0-138*		*11/10/2020 13:59*	WG1573628
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*11/10/2020 13:59*	WG1573628

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	3.45	J	1.73	4.30	1	11/10/2020 04:50	WG1573574
C28-C40 Oil Range	22.7		0.295	4.30	1	11/10/2020 04:50	WG1573574
(S) o-Terphenyl	*63.8*			*18.0-148*		*11/10/2020 04:50*	WG1573574

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	93.2		1	11/10/2020 06:59	WG1573596

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	44.1		9.87	21.5	1	11/10/2020 07:57	WG1573348

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0354	B J	0.0233	0.107	1	11/10/2020 13:10	WG1573872
(S) a,a,a-Trifluorotoluene(FID)	*93.8*			*77.0-120*		*11/10/2020 13:10*	WG1573872

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000535	0.00115	1	11/10/2020 14:18	WG1573628
Toluene	U		0.00149	0.00573	1	11/10/2020 14:18	WG1573628
Ethylbenzene	U		0.000845	0.00287	1	11/10/2020 14:18	WG1573628
Total Xylenes	U		0.00101	0.00745	1	11/10/2020 14:18	WG1573628
(S) Toluene-d8	*104*			*75.0-131*		*11/10/2020 14:18*	WG1573628
(S) 4-Bromofluorobenzene	*97.5*			*67.0-138*		*11/10/2020 14:18*	WG1573628
(S) 1,2-Dichloroethane-d4	*95.0*			*70.0-130*		*11/10/2020 14:18*	WG1573628

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	4.18	J	1.73	4.29	1	11/10/2020 05:02	WG1573574
C28-C40 Oil Range	22.0		0.294	4.29	1	11/10/2020 05:02	WG1573574
(S) o-Terphenyl	*59.4*			*18.0-148*		*11/10/2020 05:02*	WG1573574

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	92.9		1	11/10/2020 06:59	WG1573596

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	45.3		9.90	21.5	1	11/10/2020 08:06	WG1573348

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0319	B J	0.0234	0.108	1	11/10/2020 14:02	WG1573872
(S) a,a,a-Trifluorotoluene(FID)	*89.5*			*77.0-120*		*11/10/2020 14:02*	WG1573872

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000538	0.00115	1	11/10/2020 14:38	WG1573628
Toluene	U		0.00150	0.00577	1	11/10/2020 14:38	WG1573628
Ethylbenzene	U		0.000850	0.00288	1	11/10/2020 14:38	WG1573628
Total Xylenes	U		0.00101	0.00749	1	11/10/2020 14:38	WG1573628
(S) Toluene-d8	*107*			*75.0-131*		*11/10/2020 14:38*	WG1573628
(S) 4-Bromofluorobenzene	*97.8*			*67.0-138*		*11/10/2020 14:38*	WG1573628
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*11/10/2020 14:38*	WG1573628

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	2.82	J	1.73	4.31	1	11/10/2020 05:15	WG1573574
C28-C40 Oil Range	19.4		0.295	4.31	1	11/10/2020 05:15	WG1573574
(S) o-Terphenyl	*56.5*			*18.0-148*		*11/10/2020 05:15*	WG1573574

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	92.8		1	11/10/2020 06:59	WG1573596

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	46.7		9.91	21.5	1	11/10/2020 08:16	WG1573348

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0255	B J	0.0234	0.108	1	11/10/2020 14:23	WG1573872
(S) a,a,a-Trifluorotoluene(FID)	*88.2*			*77.0-120*		*11/10/2020 14:23*	WG1573872

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000539	0.00115	1	11/10/2020 14:57	WG1573628
Toluene	U		0.00150	0.00577	1	11/10/2020 14:57	WG1573628
Ethylbenzene	U		0.000851	0.00289	1	11/10/2020 14:57	WG1573628
Total Xylenes	U		0.00102	0.00750	1	11/10/2020 14:57	WG1573628
(S) Toluene-d8	*106*			*75.0-131*		*11/10/2020 14:57*	WG1573628
(S) 4-Bromofluorobenzene	*97.7*			*67.0-138*		*11/10/2020 14:57*	WG1573628
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*11/10/2020 14:57*	WG1573628

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	3.25	J	1.73	4.31	1	11/10/2020 05:28	WG1573574
C28-C40 Oil Range	20.5		0.295	4.31	1	11/10/2020 05:28	WG1573574
(S) o-Terphenyl	*61.4*			*18.0-148*		*11/10/2020 05:28*	WG1573574

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	94.9		1	11/10/2020 06:59	WG1573596

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	262		9.69	21.1	1	11/10/2020 08:25	WG1573348

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0297	B J	0.0229	0.105	1	11/10/2020 14:44	WG1573872
(S) a,a,a-Trifluorotoluene(FID)	*94.6*			*77.0-120*		*11/10/2020 14:44*	WG1573872

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000517	0.00111	1	11/10/2020 15:16	WG1573628
Toluene	U		0.00144	0.00554	1	11/10/2020 15:16	WG1573628
Ethylbenzene	U		0.000816	0.00277	1	11/10/2020 15:16	WG1573628
Total Xylenes	U		0.000974	0.00720	1	11/10/2020 15:16	WG1573628
(S) Toluene-d8	*109*			*75.0-131*		*11/10/2020 15:16*	WG1573628
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*11/10/2020 15:16*	WG1573628
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*11/10/2020 15:16*	WG1573628

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	9.77		1.70	4.21	1	11/10/2020 05:41	WG1573574
C28-C40 Oil Range	46.7		0.289	4.21	1	11/10/2020 05:41	WG1573574
(S) o-Terphenyl	*58.6*			*18.0-148*		*11/10/2020 05:41*	WG1573574

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	94.8		1	11/10/2020 06:59	WG1573596

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	395		9.70	21.1	1	11/10/2020 08:35	WG1573348

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0265	B J	0.0229	0.105	1	11/10/2020 15:04	WG1573872
(S) a,a,a-Trifluorotoluene(FID)	*95.4*			*77.0-120*		*11/10/2020 15:04*	WG1573872

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000518	0.00111	1	11/09/2020 23:59	WG1573714
Toluene	U		0.00144	0.00555	1	11/09/2020 23:59	WG1573714
Ethylbenzene	U		0.000818	0.00277	1	11/09/2020 23:59	WG1573714
Total Xylenes	0.00133	J	0.000977	0.00721	1	11/09/2020 23:59	WG1573714
(S) Toluene-d8	*102*			*75.0-131*		*11/09/2020 23:59*	WG1573714
(S) 4-Bromofluorobenzene	*94.9*			*67.0-138*		*11/09/2020 23:59*	WG1573714
(S) 1,2-Dichloroethane-d4	*89.9*			*70.0-130*		*11/09/2020 23:59*	WG1573714

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	19.2		1.70	4.22	1	11/10/2020 09:27	WG1573574
C28-C40 Oil Range	50.2		0.289	4.22	1	11/10/2020 09:27	WG1573574
(S) o-Terphenyl	*41.1*			*18.0-148*		*11/10/2020 09:27*	WG1573574

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	94.6		1	11/10/2020 06:40	WG1573597

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	251		9.72	21.1	1	11/10/2020 08:44	WG1573348

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0277	B J	0.0229	0.106	1	11/10/2020 15:25	WG1573872
(S) a,a,a-Trifluorotoluene(FID)	*95.5*			*77.0-120*		*11/10/2020 15:25*	WG1573872

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000520	0.00111	1	11/10/2020 00:18	WG1573714
Toluene	U		0.00145	0.00557	1	11/10/2020 00:18	WG1573714
Ethylbenzene	U		0.000821	0.00279	1	11/10/2020 00:18	WG1573714
Total Xylenes	0.00106	J	0.000980	0.00724	1	11/10/2020 00:18	WG1573714
(S) Toluene-d8	*115*			*75.0-131*		*11/10/2020 00:18*	WG1573714
(S) 4-Bromofluorobenzene	*93.8*			*67.0-138*		*11/10/2020 00:18*	WG1573714
(S) 1,2-Dichloroethane-d4	*95.8*			*70.0-130*		*11/10/2020 00:18*	WG1573714

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	7.10		1.70	4.23	1	11/10/2020 05:54	WG1573574
C28-C40 Oil Range	33.7		0.290	4.23	1	11/10/2020 05:54	WG1573574
(S) o-Terphenyl	*44.6*			*18.0-148*		*11/10/2020 05:54*	WG1573574

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	94.1		1	11/10/2020 06:40	WG1573597

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	427		9.78	21.3	1	11/10/2020 09:13	WG1573348

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0254	B J	0.0231	0.106	1	11/10/2020 15:45	WG1573872
(S) a,a,a-Trifluorotoluene(FID)	*95.5*			*77.0-120*		*11/10/2020 15:45*	WG1573872

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000526	0.00113	1	11/10/2020 00:37	WG1573714
Toluene	U		0.00146	0.00563	1	11/10/2020 00:37	WG1573714
Ethylbenzene	U		0.000830	0.00281	1	11/10/2020 00:37	WG1573714
Total Xylenes	0.00129	J	0.000991	0.00732	1	11/10/2020 00:37	WG1573714
(S) Toluene-d8	*116*			*75.0-131*		*11/10/2020 00:37*	WG1573714
(S) 4-Bromofluorobenzene	*94.1*			*67.0-138*		*11/10/2020 00:37*	WG1573714
(S) 1,2-Dichloroethane-d4	*92.4*			*70.0-130*		*11/10/2020 00:37*	WG1573714

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	20.3		1.71	4.25	1	11/10/2020 10:06	WG1573574
C28-C40 Oil Range	49.8		0.291	4.25	1	11/10/2020 10:06	WG1573574
(S) o-Terphenyl	*42.5*			*18.0-148*		*11/10/2020 10:06*	WG1573574

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	94.7		1	11/10/2020 06:40	WG1573597

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	228		9.72	21.1	1	11/10/2020 09:22	WG1573348

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0287	B J	0.0229	0.106	1	11/10/2020 16:06	WG1573872
(S) a,a,a-Trifluorotoluene(FID)	*94.5*			*77.0-120*		*11/10/2020 16:06*	WG1573872

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000520	0.00111	1	11/10/2020 00:56	WG1573714
Toluene	U		0.00145	0.00556	1	11/10/2020 00:56	WG1573714
Ethylbenzene	U		0.000820	0.00278	1	11/10/2020 00:56	WG1573714
Total Xylenes	0.00103	J	0.000979	0.00723	1	11/10/2020 00:56	WG1573714
(S) Toluene-d8	*92.8*			*75.0-131*		*11/10/2020 00:56*	WG1573714
(S) 4-Bromofluorobenzene	*88.4*			*67.0-138*		*11/10/2020 00:56*	WG1573714
(S) 1,2-Dichloroethane-d4	*94.9*			*70.0-130*		*11/10/2020 00:56*	WG1573714

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	7.91		1.70	4.23	1	11/10/2020 09:53	WG1573574
C28-C40 Oil Range	35.0		0.289	4.23	1	11/10/2020 09:53	WG1573574
(S) o-Terphenyl	*52.6*			*18.0-148*		*11/10/2020 09:53*	WG1573574

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	94.7		1	11/10/2020 06:40	WG1573597

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	291		9.72	21.1	1	11/10/2020 09:32	WG1573348

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0241	B J	0.0229	0.106	1	11/10/2020 16:27	WG1573872
(S) a,a,a-Trifluorotoluene(FID)	*94.3*			*77.0-120*		*11/10/2020 16:27*	WG1573872

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000520	0.00111	1	11/10/2020 01:15	WG1573714
Toluene	U		0.00145	0.00556	1	11/10/2020 01:15	WG1573714
Ethylbenzene	U		0.000820	0.00278	1	11/10/2020 01:15	WG1573714
Total Xylenes	0.00126	J	0.000979	0.00723	1	11/10/2020 01:15	WG1573714
(S) Toluene-d8	*115*			*75.0-131*		*11/10/2020 01:15*	WG1573714
(S) 4-Bromofluorobenzene	*77.3*			*67.0-138*		*11/10/2020 01:15*	WG1573714
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*11/10/2020 01:15*	WG1573714

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	6.49		1.70	4.23	1	11/10/2020 06:07	WG1573574
C28-C40 Oil Range	36.0		0.289	4.23	1	11/10/2020 06:07	WG1573574
(S) o-Terphenyl	*45.2*			*18.0-148*		*11/10/2020 06:07*	WG1573574

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.5		1	11/10/2020 06:40	WG1573597

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	700		9.53	20.7	1	11/10/2020 09:51	WG1573348

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0303	B J	0.0225	0.104	1	11/10/2020 16:48	WG1573872
(S) a,a,a-Trifluorotoluene(FID)	*95.7*			*77.0-120*		*11/10/2020 16:48*	WG1573872

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000501	0.00107	1	11/10/2020 01:34	WG1573714
Toluene	U		0.00139	0.00536	1	11/10/2020 01:34	WG1573714
Ethylbenzene	U		0.000790	0.00268	1	11/10/2020 01:34	WG1573714
Total Xylenes	U		0.000943	0.00697	1	11/10/2020 01:34	WG1573714
(S) Toluene-d8	*111*			*75.0-131*		*11/10/2020 01:34*	WG1573714
(S) 4-Bromofluorobenzene	*93.4*			*67.0-138*		*11/10/2020 01:34*	WG1573714
(S) 1,2-Dichloroethane-d4	*95.9*			*70.0-130*		*11/10/2020 01:34*	WG1573714

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	79.2		1.67	4.14	1	11/10/2020 08:36	WG1573574
C28-C40 Oil Range	157		0.568	8.29	2	11/10/2020 14:03	WG1573574
(S) o-Terphenyl	*35.1*			*18.0-148*		*11/10/2020 08:36*	WG1573574
(S) o-Terphenyl	*37.1*			*18.0-148*		*11/10/2020 14:03*	WG1573574

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.6		1	11/10/2020 06:40	WG1573597

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	445		9.53	20.7	1	11/10/2020 10:00	WG1573348

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0264	B J	0.0225	0.104	1	11/10/2020 17:10	WG1573872
(S) a,a,a-Trifluorotoluene(FID)	*95.6*			*77.0-120*		*11/10/2020 17:10*	WG1573872

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000500	0.00107	1	11/10/2020 01:53	WG1573714
Toluene	U		0.00139	0.00536	1	11/10/2020 01:53	WG1573714
Ethylbenzene	U		0.000789	0.00268	1	11/10/2020 01:53	WG1573714
Total Xylenes	0.00104	J	0.000943	0.00696	1	11/10/2020 01:53	WG1573714
(S) Toluene-d8	*114*			*75.0-131*		*11/10/2020 01:53*	WG1573714
(S) 4-Bromofluorobenzene	*94.2*			*67.0-138*		*11/10/2020 01:53*	WG1573714
(S) 1,2-Dichloroethane-d4	*90.4*			*70.0-130*		*11/10/2020 01:53*	WG1573714

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	90.0		1.67	4.14	1	11/10/2020 08:49	WG1573574
C28-C40 Oil Range	161		0.284	4.14	1	11/10/2020 08:49	WG1573574
(S) o-Terphenyl	*51.1*			*18.0-148*		*11/10/2020 08:49*	WG1573574

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.7		1	11/10/2020 06:40	WG1573597

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	536		9.52	20.7	1	11/10/2020 02:03	WG1573352

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0321	B J	0.0224	0.103	1	11/10/2020 17:31	WG1573872
(S) a,a,a-Trifluorotoluene(FID)	*95.6*			*77.0-120*		*11/10/2020 17:31*	WG1573872

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000499	0.00107	1	11/10/2020 02:12	WG1573714
Toluene	U		0.00139	0.00534	1	11/10/2020 02:12	WG1573714
Ethylbenzene	U		0.000788	0.00267	1	11/10/2020 02:12	WG1573714
Total Xylenes	0.00123	J	0.000940	0.00695	1	11/10/2020 02:12	WG1573714
(S) Toluene-d8	*113*			*75.0-131*		*11/10/2020 02:12*	WG1573714
(S) 4-Bromofluorobenzene	*93.6*			*67.0-138*		*11/10/2020 02:12*	WG1573714
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*11/10/2020 02:12*	WG1573714

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	380		8.33	20.7	5	11/11/2020 10:16	WG1573575
C28-C40 Oil Range	934		2.83	41.4	10	11/11/2020 13:02	WG1573575
(S) o-Terphenyl	*92.6*			*18.0-148*		*11/11/2020 13:02*	WG1573575
(S) o-Terphenyl	*87.8*			*18.0-148*		*11/11/2020 10:16*	WG1573575

Method Blank (MB)

(MB) R3591249-1 11/09/20 15:50

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1283086-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1283086-02 11/09/20 15:50 • (DUP) R3591249-3 11/09/20 15:50

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	96.1	95.5	1	0.585		10

Laboratory Control Sample (LCS)

(LCS) R3591249-2 11/09/20 15:50

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3591254-1 11/09/20 16:14

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1283086-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1283086-13 11/09/20 16:14 • (DUP) R3591254-3 11/09/20 16:14

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	95.6	95.3	1	0.285		10

Laboratory Control Sample (LCS)

(LCS) R3591254-2 11/09/20 16:14

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3591250-1 11/09/20 16:03

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1283086-24 Original Sample (OS) • Duplicate (DUP)

(OS) L1283086-24 11/09/20 16:03 • (DUP) R3591250-3 11/09/20 16:03

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	96.7	96.4	1	0.328		10

Laboratory Control Sample (LCS)

(LCS) R3591250-2 11/09/20 16:03

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3591677-1 11/10/20 06:59

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1283086-34 Original Sample (OS) • Duplicate (DUP)

(OS) L1283086-34 11/10/20 06:59 • (DUP) R3591677-3 11/10/20 06:59

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	94.8	94.5	1	0.328		10

Laboratory Control Sample (LCS)

(LCS) R3591677-2 11/10/20 06:59

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3591673-1 11/10/20 06:40

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1283086-35 Original Sample (OS) • Duplicate (DUP)

(OS) L1283086-35 11/10/20 06:40 • (DUP) R3591673-3 11/10/20 06:40

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	94.6	94.6	1	0.0175		10

Laboratory Control Sample (LCS)

(LCS) R3591673-2 11/10/20 06:40

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3591391-1 11/09/20 18:19

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Chloride	U		9.20	20.0

L1283086-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1283086-02 11/09/20 19:14 • (DUP) R3591391-3 11/09/20 19:24

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	440	386	1	12.9		20

L1283086-20 Original Sample (OS) • Duplicate (DUP)

(OS) L1283086-20 11/09/20 23:12 • (DUP) R3591391-6 11/09/20 23:22

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	541	581	1	7.04		20

Laboratory Control Sample (LCS)

(LCS) R3591391-2 11/09/20 18:29

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	200	210	105	90.0-110	

L1283086-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1283086-13 11/09/20 21:28 • (MS) R3591391-4 11/09/20 21:37 • (MSD) R3591391-5 11/09/20 21:47

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	523	275	812	826	103	105	1	80.0-120			1.78	20

Method Blank (MB)

(MB) R3591393-1 11/10/20 05:24

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Chloride	U		9.20	20.0

L1283086-22 Original Sample (OS) • Duplicate (DUP)

(OS) L1283086-22 11/10/20 05:53 • (DUP) R3591393-3 11/10/20 06:02

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	365	356	1	2.52		20

L1283086-38 Original Sample (OS) • Duplicate (DUP)

(OS) L1283086-38 11/10/20 09:32 • (DUP) R3591393-6 11/10/20 09:41

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	291	318	1	8.85		20

Laboratory Control Sample (LCS)

(LCS) R3591393-2 11/10/20 05:34

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	200	217	109	90.0-110	

L1283086-29 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1283086-29 11/10/20 07:28 • (MS) R3591393-4 11/10/20 07:37 • (MSD) R3591393-5 11/10/20 07:47

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	538	47.6	633	622	109	107	1	80.0-120			1.78	20

Method Blank (MB)

(MB) R3591392-1 11/10/20 00:13

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Chloride	U		9.20	20.0

L1283086-41 Original Sample (OS) • Duplicate (DUP)

(OS) L1283086-41 11/10/20 02:03 • (DUP) R3591392-3 11/10/20 02:12

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	536	587	1	9.19		20

L1283204-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1283204-12 11/10/20 04:46 • (DUP) R3591392-6 11/10/20 04:56

Analyte	Original Result mg/kg	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R3591392-2 11/10/20 00:23

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	200	217	109	90.0-110	

L1283204-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1283204-02 11/10/20 02:31 • (MS) R3591392-4 11/10/20 02:41 • (MSD) R3591392-5 11/10/20 02:50

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	500	U	537	541	107	108	1	80.0-120			0.785	20

Method Blank (MB)

(MB) R3591451-3 11/09/20 13:42

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	*101*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R3591451-2 11/09/20 12:45

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	5.22	94.9	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*100*	*77.0-120*	

Method Blank (MB)

(MB) R3591108-3 11/09/20 13:00

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	*111*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R3591108-2 11/09/20 12:19

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	5.88	107	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*107*	*77.0-120*	

L1282414-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1282414-01 11/09/20 22:05 • (MS) R3591108-6 11/09/20 23:08 • (MSD) R3591108-7 11/09/20 23:29

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	2750	10500	3450	4640	0.000	0.000	500	10.0-151	J6	J3 J6	29.4	28
(S) a,a,a-Trifluorotoluene(FID)					*101*	*100*		*77.0-120*				

Method Blank (MB)

(MB) R3591925-2 11/10/20 10:12

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	0.0240	J	0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	*96.0*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R3591925-1 11/10/20 09:21

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	6.03	110	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*112*	*77.0-120*	

L1283143-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1283143-02 11/10/20 11:42 • (MS) R3591925-3 11/10/20 18:52 • (MSD) R3591925-4 11/10/20 19:58

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	6.09	0.138	4.21	4.56	66.8	73.5	1	10.0-151			8.06	28
(S) a,a,a-Trifluorotoluene(FID)					*102*	*104*		*77.0-120*				

Method Blank (MB)

(MB) R3591836-3 11/09/20 22:01

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000467	0.00100
Ethylbenzene	U		0.000737	0.00250
Toluene	U		0.00130	0.00500
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*102*			*75.0-131*
(S) 4-Bromofluorobenzene	*94.1*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*91.3*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3591836-1 11/09/20 20:45 • (LCSD) R3591836-2 11/09/20 21:04

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.00500	0.00451	0.00430	90.2	86.0	70.0-123			4.77	20
Ethylbenzene	0.00500	0.00503	0.00488	101	97.6	74.0-126			3.03	20
Toluene	0.00500	0.00456	0.00429	91.2	85.8	75.0-121			6.10	20
Xylenes, Total	0.0150	0.0151	0.0142	101	94.7	72.0-127			6.14	20
(S) Toluene-d8				*102*	*102*	*75.0-131*				
(S) 4-Bromofluorobenzene				*106*	*108*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*113*	*113*	*70.0-130*				

L1281108-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1281108-07 11/10/20 05:59 • (MS) R3591836-4 11/10/20 06:37 • (MSD) R3591836-5 11/10/20 06:56

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.125	U	0.0985	0.105	78.8	84.0	1	10.0-149			6.39	37
Ethylbenzene	0.125	U	0.115	0.126	92.0	101	1	10.0-160			9.13	38
Toluene	0.125	U	0.106	0.110	84.8	88.0	1	10.0-156			3.70	38
Xylenes, Total	0.375	U	0.378	0.388	101	103	1	10.0-160			2.61	38
(S) Toluene-d8					*107*	*105*		*75.0-131*				
(S) 4-Bromofluorobenzene					*105*	*105*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*94.4*	*97.9*		*70.0-130*				

Method Blank (MB)

(MB) R3591851-3 11/10/20 08:52

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000467	0.00100
Ethylbenzene	U		0.000737	0.00250
Toluene	U		0.00130	0.00500
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*106*			*75.0-131*
(S) 4-Bromofluorobenzene	*100*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*99.1*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3591851-1 11/10/20 07:35 • (LCSD) R3591851-2 11/10/20 07:54

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.125	0.115	0.112	92.0	89.6	70.0-123			2.64	20
Ethylbenzene	0.125	0.130	0.128	104	102	74.0-126			1.55	20
Toluene	0.125	0.116	0.113	92.8	90.4	75.0-121			2.62	20
Xylenes, Total	0.375	0.382	0.373	102	99.5	72.0-127			2.38	20
(S) Toluene-d8				*105*	*102*	*75.0-131*				
(S) 4-Bromofluorobenzene				*106*	*103*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*108*	*105*	*70.0-130*				

L1283086-33 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1283086-33 11/10/20 15:16 • (MS) R3591851-4 11/10/20 15:35 • (MSD) R3591851-5 11/10/20 15:54

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.138	U	0.104	0.126	74.9	91.2	1	10.0-149			19.7	37
Ethylbenzene	0.138	U	0.116	0.142	84.0	102	1	10.0-160			19.7	38
Toluene	0.138	U	0.106	0.131	76.8	94.4	1	10.0-156			20.6	38
Xylenes, Total	0.415	U	0.334	0.407	80.5	98.1	1	10.0-160			19.7	38
(S) Toluene-d8					*108*	*107*		*75.0-131*				
(S) 4-Bromofluorobenzene					*104*	*101*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*106*	*105*		*70.0-130*				

Method Blank (MB)

(MB) R3591903-3 11/09/20 17:51

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000467	0.00100
Ethylbenzene	U		0.000737	0.00250
Toluene	U		0.00130	0.00500
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*116*			*75.0-131*
(S) 4-Bromofluorobenzene	*92.6*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*95.7*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3591903-1 11/09/20 16:35 • (LCSD) R3591903-2 11/09/20 16:54

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.125	0.131	0.130	105	104	70.0-123			0.766	20
Ethylbenzene	0.125	0.136	0.141	109	113	74.0-126			3.61	20
Toluene	0.125	0.133	0.137	106	110	75.0-121			2.96	20
Xylenes, Total	0.375	0.438	0.424	117	113	72.0-127			3.25	20
(S) Toluene-d8				*105*	*109*	*75.0-131*				
(S) 4-Bromofluorobenzene				*101*	*97.2*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*103*	*101*	*70.0-130*				

L1283086-35 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1283086-35 11/10/20 00:18 • (MS) R3591903-4 11/10/20 03:28 • (MSD) R3591903-5 11/10/20 03:47

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.139	U	0.150	0.155	108	111	1	10.0-149			2.92	37
Ethylbenzene	0.139	U	0.160	0.160	115	115	1	10.0-160			0.000	38
Toluene	0.139	U	0.166	0.167	119	120	1	10.0-156			0.669	38
Xylenes, Total	0.418	0.00106	0.485	0.470	116	112	1	10.0-160			3.03	38
(S) Toluene-d8					*114*	*114*		*75.0-131*				
(S) 4-Bromofluorobenzene					*97.9*	*92.6*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*92.8*	*100*		*70.0-130*				

Method Blank (MB)

(MB) R3591230-1 11/09/20 23:50

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C40 Oil Range	U		0.274	4.00
(S) o-Terphenyl	*76.1*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R3591230-2 11/10/20 00:03

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	31.8	63.6	50.0-150	
(S) o-Terphenyl			*79.9*	*18.0-148*	

L1283086-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1283086-01 11/10/20 11:59 • (MS) R3591230-3 11/10/20 12:12 • (MSD) R3591230-4 11/10/20 12:26

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
C10-C28 Diesel Range	50.4	U	34.2	27.9	67.9	55.2	1	50.0-150		J3	20.2	20
(S) o-Terphenyl					*83.6*	*75.5*		*18.0-148*				

Method Blank (MB)

(MB) R3591284-1 11/10/20 01:50

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C40 Oil Range	0.745	J	0.274	4.00
(S) o-Terphenyl	*82.4*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R3591284-2 11/10/20 02:03

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	42.4	84.8	50.0-150	
(S) o-Terphenyl			*83.6*	*18.0-148*	

L1283086-40 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1283086-40 11/10/20 08:49 • (MS) R3591284-3 11/10/20 09:02 • (MSD) R3591284-4 11/10/20 09:15

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
C10-C28 Diesel Range	50.5	90.0	130	116	80.1	51.6	1	50.0-150			11.8	20
(S) o-Terphenyl					*70.3*	*61.1*		*18.0-148*				

Method Blank (MB)

(MB) R3591686-1 11/11/20 00:56

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C40 Oil Range	0.610	J	0.274	4.00
(S) o-Terphenyl	*79.9*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R3591686-2 11/11/20 01:09

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	52.6	105	50.0-150	
(S) o-Terphenyl			*130*	*18.0-148*	

L1282907-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1282907-01 11/11/20 01:22 • (MS) R3591686-3 11/11/20 01:35 • (MSD) R3591686-4 11/11/20 01:48

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
C10-C28 Diesel Range	48.5	4.13	52.8	49.0	100	91.2	1	50.0-150			7.47	20
(S) o-Terphenyl					*73.1*	*67.7*		*18.0-148*				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

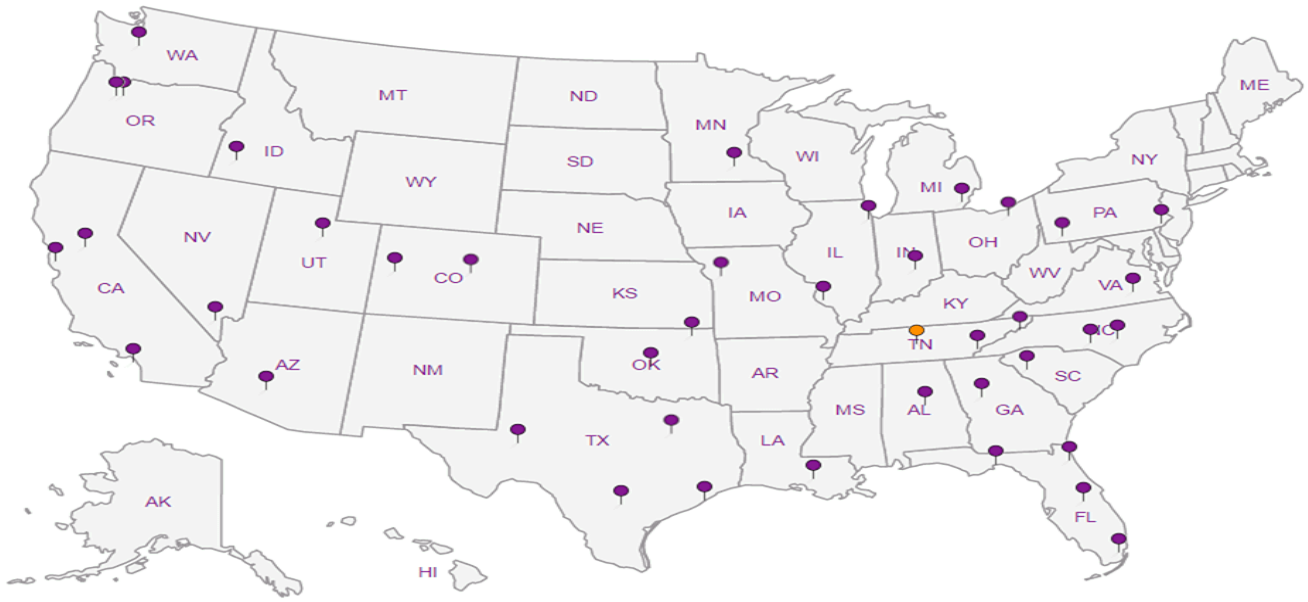
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



Analysis Request of Chain of Custody Record

L1283086

Page : 1 of 5

Tetra Tech, Inc.

901 West Wall Street, Suite 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

A096

Client Name:	Conoco Phillips	**Site Manager:**	Christian Llull
Project Name:	EVGSAU 3332-519 Flowline Release	**Contact Info:**	Email: christian.llull@tetratech.com Phone: (512) 338-1667
Project Location: (county, state)	Lea County, New Mexico	**Project #:**	212C-MD-02337
Invoice to:	Accounts Payable 901 West Wall Street, Suite 100 Midland, Texas 79701		
Receiving Laboratory:	Pace Analytical	**Sampler Signature:**	John Thurston
Comments:	COPTETRA Acctnum		

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	TIME	MATRIX: WATER	SOIL	PRESERVATIVE METHOD: HCL	HNO_3	ICE	NONE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R	HOLD
-01	FS-1	11/5/2020			X			X		1	N	X		X												X					
-02	FS-2	11/5/2020			X			X		1	N	X		X												X					
-03	FS-3	11/5/2020			X			X		1	N	X		X												X					
-04	FS-4	11/5/2020			X			X		1	N	X		X												X					
-05	FS-5	11/5/2020			X			X		1	N	X		X												X					
-06	FS-6	11/5/2020			X			X		1	N	X		X												X					
-07	FS-7	11/5/2020			X			X		1	N	X		X												X					
-08	FS-8	11/5/2020			X			X		1	N	X		X												X					
-09	FS-11	11/5/2020			X			X		1	N	X		X												X					
-10	FS-12	11/5/2020			X			X		1	N	X		X												X					

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	11/6/20	1530			
			[signature]	11/7/20	930

LAB USE ONLY

Sample Temperature

REMARKS:

- [ ] Standard
- [x] RUSH: Same Day (24 hr.) 48 hr. 72 hr.
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

(Circle) HAND DELIVERED (FEDEX) UPS Tracking #: ____________

ORIGINAL COPY

Fedex# -8131 0130 8813

A7KH
.1-.0=.1

RAD SCREEN: <0.5 mR/hr

Analysis Request of Chain of Custody Record

L1283086

Page : 2 of 5

Tetra Tech, Inc.

901 West Wall Street, Suite 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name:	Conoco Phillips	**Site Manager:**	Christian Llull
Project Name:	EVGSAU 3332-519 Flowline Release	**Contact Info:**	Email: christian.llull@tetratech.com Phone: (512) 338-1667
Project Location: (county, state)	Lea County, New Mexico	**Project #:**	212C-MD-02337
Invoice to:	Accounts Payable 901 West Wall Street, Suite 100 Midland, Texas 79701		
Receiving Laboratory:	Pace Analytical	**Sampler Signature:**	John Thurston
Comments:	COPTETRA Acctnum		

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD NONE	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R		HOLD
-11	FS-13	11/5/2020			X				X			1	N	X		X												X						
-12	FS-15	11/5/2020			X				X			1	N	X		X												X						
-13	FS-16	11/5/2020			X				X			1	N	X		X												X						
-14	FS-19	11/5/2020			X				X			1	N	X		X												X						
-15	FS-20	11/5/2020			X				X			1	N	X		X												X						
-16	FS-21	11/5/2020			X				X			1	N	X		X												X						
-17	FS-22	11/5/2020			X				X			1	N	X		X												X						
-18	FS-23	11/5/2020			X				X			1	N	X		X												X						
-19	FS-24	11/5/2020			X				X			1	N	X		X												X						
-20	FS-25	11/5/2020			X				X			1	N	X		X												X						

Relinquished by:	Date: 11/6/20	Time: 1530	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by: Date: 11/7/20 Time: 930

ORIGINAL COPY

LAB USE ONLY

Sample Temperature: 4.7 kH
.1 - .0 = .1

REMARKS:

- ☐ Standard
- ☒ RUSH: Same Day (24 hr.) 48 hr. 72 hr.
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

RAD SCREEN: <0.5 mR/hr

Analysis Request of Chain of Custody Record

L1283086

Page : 3 of 5

Tetra Tech, Inc.

901 West Wall Street, Suite 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name:	Conoco Phillips	**Site Manager:**	Christian Llull
Project Name:	EVGSAU 3332-519 Flowline Release	**Contact Info:**	Email: christian.llull@tetratech.com Phone: (512) 338-1667
Project Location: (county, state)	Lea County, New Mexico	**Project #:**	212C-MD-02337
Invoice to:	Accounts Payable 901 West Wall Street, Suite 100 Midland, Texas 79701		
Receiving Laboratory:	Pace Analytical	**Sampler Signature:**	John Thurston
Comments:	COPTETRA Acctnum		

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	MATRIX:	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: NONE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R		HOLD
		YEAR: 2020																															
-21	FS-26	11/5/2020			X				X		1	N	X		X												X						
-22	FS-27	11/5/2020			X				X		1	N	X		X												X						
-23	WSW-1	11/5/2020			X				X		1	N	X		X												X						
-24	WSW-2	11/5/2020			X				X		1	N	X		X												X						
-25	SSW-3	11/5/2020			X				X		1	N	X		X												X						
-26	SSW-4	11/5/2020			X				X		1	N	X		X												X						
-27	SSW-5	11/5/2020			X				X		1	N	X		X												X						
-28	ESW-1	11/5/2020			X				X		1	N	X		X												X						
-29	ESW-2	11/5/2020			X				X		1	N	X		X												X						
-30	ESW-3	11/5/2020			X				X		1	N	X		X												X						

Relinquished by:	Date: 11/6/20	Time: 1530	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by: Date: 11/7/20 Time: 930

LAB USE ONLY

Sample Temperature

REMARKS:

- ☐ Standard
- ☒ RUSH: Same Day (24 hr.) 48 hr. 72 hr.
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

ORIGINAL COPY

AT CH 11-02-21

RAD SCREEN: <0.5 mR/hr

Analysis Request of Chain of Custody Record

L1283086

Tetra Tech, Inc.

901 West Wall Street, Suite 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name:	Conoco Phillips	**Site Manager:**	Christian Llull
Project Name:	EVGSAU 3332-519 Flowline Release	**Contact Info:**	Email: christian.llull@tetratech.com Phone: (512) 338-1667
Project Location: (county, state)	Lea County, New Mexico	**Project #:**	212C-MD-02337
Invoice to:	Accounts Payable 901 West Wall Street, Suite 100 Midland, Texas 79701		
Receiving Laboratory:	Pace Analytical	**Sampler Signature:**	John Thurston
Comments:	COPTETRA Acctnum		

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	MATRIX:	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: NONE	PRESERVATIVE METHOD:	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R		HOLD
-31	ESW-4	11/5/2020			X				X			1	N	X		X												X					
-32	NSW-1	11/5/2020			X				X			1	N	X		X												X					
-33	NSW-2	11/5/2020			X				X			1	N	X		X												X					
-34	NSW-3	11/5/2020			X				X			1	N	X		X												X					
-35	NSW-4	11/5/2020			X				X			1	N	X		X												X					
-36	NSW-5	11/5/2020			X				X			1	N	X		X												X					
-37	NSW-6	11/5/2020			X				X			1	N	X		X												X					
-38	NSW-7	11/5/2020			X				X			1	N	X		X												X					
-39	CSW-1	11/5/2020			X				X			1	N	X		X												X					
-40	CSW-2	11/5/2020			X				X			1	N	X		X												X					

Relinquished by:	Date: 11/6/20	Time: 1530	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by: Date: 11/7/20 Time: 930

ORIGINAL COPY

LAB USE ONLY

Sample Temperature

REMARKS:

- ☐ Standard
- ☒ RUSH: Same Day (24 hr.) 48 hr. 72 hr.
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

RAD SCREEN: <0.5 mR/hr

AT KH
.1-.0=.1

Analysis Request of Chain of Custody Record

L1283086

Page : 5 of 5

Tetra Tech, Inc.

901 West Wall Street, Suite 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name:	Conoco Phillips	**Site Manager:**	Christian Llull
Project Name:	EVGSAU 3332-519 Flowline Release	**Contact Info:**	Email: christian.llull@tetratech.com Phone: (512) 338-1667
Project Location: (county, state)	Lea County, New Mexico	**Project #:**	212C-MD-02337
Invoice to:	Accounts Payable 901 West Wall Street, Suite 100 Midland, Texas 79701		
Receiving Laboratory:	Pace Analytical	**Sampler Signature:**	John Thurston
Comments:	COPTETRA Acctnum		

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	MATRIX:	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: NONE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R		HOLD
-41	CSW-3	11/5/2020			X				X		1	N	X		X												X					

Relinquished by: Date: 11/6/20 Time: 1530
Received by: Date: Time:

Relinquished by: Date: Time:
Received by: Date: Time:

Relinquished by: Date: Time:
Received by: Date: 11/7/20 Time: 930

LAB USE ONLY
Sample Temperature

REMARKS:
- ☐ Standard
- ☒ RUSH: Same Day (24 hr.) 48 hr. 72 hr.
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

Sample Receipt Checklist
COC Seal Present/Intact: Y N — If Applicable
COC Signed/Accurate: Y N — VOA Zero Headspace: Y N
Bottles arrive intact: Y N — Pres.Correct/Check: Y N
Correct bottles used: Y N
RAD Screen <0.5 mR/hr: Y N

ORIGINAL COPY

ATLA
Cont=44 .1-.0=.1

RAD SCREEN: <0.5 mR/hr

Matt Shacklock

Pace Analytical®
National Center for Testing & Innovation

Login #: L1283086	Client: COPTETRA	Date: 11/07/2020	Evaluated by: Monica R.

Non-Conformance (check applicable items)

	Sample Integrity		Chain of Custody Clarification		
	Parameter(s) past holding time		Login Clarification Needed		**If Broken Container:**
	Temperature not in range		Chain of custody is incomplete		Insufficient packing material around container
	Improper container type		Please specify Metals requested.		Insufficient packing material inside cooler
	pH not in range.		Please specify TCLP requested.		Improper handling by carrier (FedEx / UPS / Couri
	Insufficient sample volume.	x	Received additional samples not listed on coc.		Sample was frozen
	Sample is biphasic.		Sample ids on containers do not match ids on coc		Container lid not intact
	Vials received with headspace.		Trip Blank not received.		**If no Chain of Custody:**
	Broken container		Client did not "X" analysis.		Received by:
	Broken container:		Chain of Custody is missing		Date/Time:
	Sufficient sample remains				Temp./Cont. Rec./pH:
					Carrier:
					Tracking#

Login Comments:

Received IDs: FS-14, FS-17, and FS-18 not listed on COC.

Client informed by:		Call		Email		Voice Mail		Date: 11/08/20	Time: 21:05
TSR Initials: CM	Client Contact:								

Login Instructions:

Log for V8260BTEX, GRO, DRORLA, CHLORIDE-300, TS.

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

November 13, 2020

ConocoPhillips - Tetra Tech

Sample Delivery Group:	L1284198
Samples Received:	11/11/2020
Project Number:	212C-MD-02337
Description:	EVGSAU 3332-519 Flowline Release

Report To: Christian Llull
901 West Wall
Suite 100
Midland, TX 79701

Entire Report Reviewed By:

Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

TABLE OF CONTENTS

FS-17 (4') L1284198-01 Solid

Collected by: John Thurston
Collected date/time: 11/10/20 00:00
Received date/time: 11/11/20 09:15

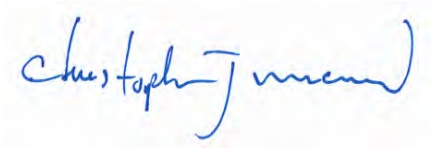
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1575174	1	11/12/20 20:41	11/12/20 20:48	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1575292	1	11/12/20 10:17	11/13/20 13:35	MCG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1575061	1	11/11/20 17:29	11/12/20 13:31	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1575500	1	11/11/20 17:29	11/12/20 21:34	AV	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1575538	1	11/12/20 16:13	11/13/20 05:30	JDG	Mt. Juliet, TN

FS-28 (1.5') L1284198-02 Solid

Collected by: John Thurston
Collected date/time: 11/10/20 00:00
Received date/time: 11/11/20 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1575174	1	11/12/20 20:41	11/12/20 20:48	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1575292	5	11/12/20 10:17	11/13/20 13:18	MCG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1575061	1	11/11/20 17:29	11/12/20 15:54	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1575500	1	11/11/20 17:29	11/12/20 21:53	AV	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1575538	1	11/12/20 16:13	11/13/20 05:43	JDG	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Chris McCord
Project Manager

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	91.9		1	11/12/2020 20:48	WG1575174

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	675		10.0	21.8	1	11/13/2020 13:35	WG1575292

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0236	0.109	1	11/12/2020 13:31	WG1575061
(S) a,a,a-Trifluorotoluene(FID)	*97.1*			*77.0-120*		*11/12/2020 13:31*	WG1575061

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000549	0.00118	1	11/12/2020 21:34	WG1575500
Toluene	U		0.00153	0.00588	1	11/12/2020 21:34	WG1575500
Ethylbenzene	U		0.000866	0.00294	1	11/12/2020 21:34	WG1575500
Total Xylenes	U		0.00103	0.00764	1	11/12/2020 21:34	WG1575500
(S) Toluene-d8	*112*			*75.0-131*		*11/12/2020 21:34*	WG1575500
(S) 4-Bromofluorobenzene	*94.8*			*67.0-138*		*11/12/2020 21:34*	WG1575500
(S) 1,2-Dichloroethane-d4	*98.3*			*70.0-130*		*11/12/2020 21:34*	WG1575500

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.75	4.35	1	11/13/2020 05:30	WG1575538
C28-C40 Oil Range	0.872	B J	0.298	4.35	1	11/13/2020 05:30	WG1575538
(S) o-Terphenyl	*67.9*			*18.0-148*		*11/13/2020 05:30*	WG1575538

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	94.7		1	11/12/2020 20:48	WG1575174

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	1570		48.6	106	5	11/13/2020 13:18	WG1575292

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0229	0.106	1	11/12/2020 15:54	WG1575061
(S) a,a,a-Trifluorotoluene(FID)	*97.2*			*77.0-120*		*11/12/2020 15:54*	WG1575061

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000520	0.00111	1	11/12/2020 21:53	WG1575500
Toluene	U		0.00145	0.00556	1	11/12/2020 21:53	WG1575500
Ethylbenzene	U		0.000820	0.00278	1	11/12/2020 21:53	WG1575500
Total Xylenes	U		0.000979	0.00723	1	11/12/2020 21:53	WG1575500
(S) Toluene-d8	*115*			*75.0-131*		*11/12/2020 21:53*	WG1575500
(S) 4-Bromofluorobenzene	*81.8*			*67.0-138*		*11/12/2020 21:53*	WG1575500
(S) 1,2-Dichloroethane-d4	*95.4*			*70.0-130*		*11/12/2020 21:53*	WG1575500

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	23.3		1.70	4.23	1	11/13/2020 05:43	WG1575538
C28-C40 Oil Range	42.3		0.289	4.23	1	11/13/2020 05:43	WG1575538
(S) o-Terphenyl	*37.5*			*18.0-148*		*11/13/2020 05:43*	WG1575538

Method Blank (MB)

(MB) R3592666-1 11/12/20 20:48

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1284254-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1284254-01 11/12/20 20:48 • (DUP) R3592666-3 11/12/20 20:48

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	83.3	83.0	1	0.274		10

Laboratory Control Sample (LCS)

(LCS) R3592666-2 11/12/20 20:48

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3592790-1 11/13/20 08:27

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Chloride	U		9.20	20.0

L1284198-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1284198-01 11/13/20 13:35 • (DUP) R3592790-3 11/13/20 13:53

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	675	614	1	9.50		20

Laboratory Control Sample (LCS)

(LCS) R3592790-2 11/13/20 08:59

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	200	180	90.1	90.0-110	

L1284198-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1284198-01 11/13/20 13:35 • (MS) R3592790-4 11/13/20 14:11 • (MSD) R3592790-5 11/13/20 14:29

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	544	675	1160	1180	89.1	92.3	1	80.0-120	E	E	1.52	20

Method Blank (MB)

(MB) R3592472-3 11/12/20 12:23

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	*100*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R3592472-2 11/12/20 11:37

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	6.01	109	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*100*	*77.0-120*	

L1283598-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1283598-10 11/12/20 17:49 • (MS) R3592472-6 11/13/20 08:18 • (MSD) R3592472-7 11/13/20 08:40

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.45	1.59	5.50	2.65	71.7	19.7	1	10.0-151		J3	69.9	28
(S) a,a,a-Trifluorotoluene(FID)					*95.8*	*91.2*		*77.0-120*				

Method Blank (MB)

(MB) R3592703-2 11/12/20 21:15

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000467	0.00100
Ethylbenzene	U		0.000737	0.00250
Toluene	U		0.00130	0.00500
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*110*			*75.0-131*
(S) 4-Bromofluorobenzene	*99.7*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*99.4*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3592703-1 11/12/20 20:18

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.125	0.124	99.2	70.0-123	
Ethylbenzene	0.125	0.132	106	74.0-126	
Toluene	0.125	0.131	105	75.0-121	
Xylenes, Total	0.375	0.383	102	72.0-127	
(S) Toluene-d8			*110*	*75.0-131*	
(S) 4-Bromofluorobenzene			*78.9*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*99.9*	*70.0-130*	

Method Blank (MB)

(MB) R3592782-1 11/13/20 04:39

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C40 Oil Range	0.474	J	0.274	4.00
(S) o-Terphenyl	*63.5*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R3592782-2 11/13/20 04:52

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	41.1	82.2	50.0-150	
(S) o-Terphenyl			*82.0*	*18.0-148*	

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

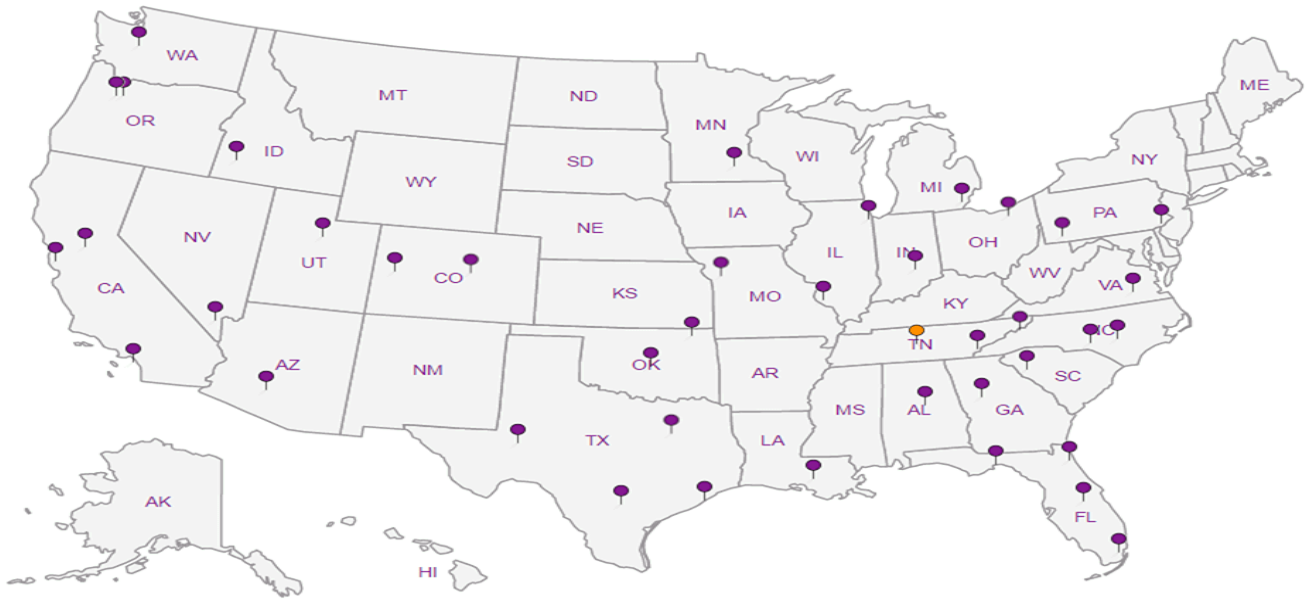
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 West Wall Street, Suite 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

E120

Client Name:	Conoco Phillips	**Site Manager:**	Christian Llull
Project Name:	EVGSAU 3332-519 Flowline Release	**Contact Info:**	Email: christian.llull@tetratech.com Phone: (512) 338-1667
Project Location: (county, state)	Lea County, New Mexico	**Project #:**	212C-MD-02337
Invoice to:	Accounts Payable 901 West Wall Street, Suite 100 Midland, Texas 79701		
Receiving Laboratory:	Pace Analytical	**Sampler Signature:**	John Thurston
Comments:	COPTETRA Acctnum		

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD NONE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B / BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R	HOLD
-01	FS-17 (4')	11/10/2020			X				X		1	N	X		X												X					
02	FS-28 (1.5')	11/10/2020			X				X		1	N	X		X												X					
																	t55															

Relinquished by:	Date: 11/10/20	Time: 16:40	Received by:	Date: 11.10.20 Time: 16:40
Relinquished by:	Date: 11/10/20	Time: 16:40	Received by: FedEx	Date: 11-10-20 Time: 17:15
Relinquished by:	Date:	Time:	Received by:	Date: 11-11-20 Time: 9:00

ORIGINAL COPY 1422 0613 2557

LAB USE ONLY
Sample Temperature

REMARKS:
- ☐ Standard
- ☒ RUSH: Same Day 24 hr. 48 hr. 72 hr.
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

2.2.1-2.1 AG CK

RAD SCREEN: <0.5 mR/hr

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

November 16, 2020

ConocoPhillips - Tetra Tech

Sample Delivery Group:	L1285297
Samples Received:	11/13/2020
Project Number:	212C-MD-02337
Description:	EVGSAU 3332-519 Flowline Release

Report To: Christian Llull
901 West Wall
Suite 100
Midland, TX 79701

Entire Report Reviewed By:

Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

TABLE OF CONTENTS

FS-22 (3') L1285297-01 Solid

Collected by: John Thurston
Collected date/time: 11/12/20 00:00
Received date/time: 11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1576430	1	11/15/20 02:11	11/15/20 02:34	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1576527	1	11/15/20 08:02	11/15/20 12:28	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1576490	1	11/13/20 13:32	11/14/20 21:56	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1576637	1	11/13/20 13:32	11/14/20 15:06	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1576971	1	11/15/20 19:33	11/16/20 01:50	JN	Mt. Juliet, TN

FS-23 (3') L1285297-02 Solid

Collected by: John Thurston
Collected date/time: 11/12/20 00:00
Received date/time: 11/13/20 09:00

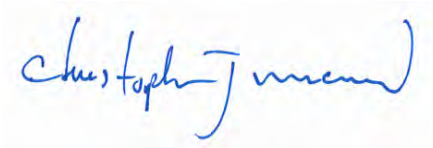
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1576430	1	11/15/20 02:11	11/15/20 02:34	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1576527	1	11/15/20 08:02	11/15/20 12:38	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1576490	1	11/13/20 13:32	11/14/20 22:16	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1576637	1	11/13/20 13:32	11/14/20 15:26	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1576971	1	11/15/20 19:33	11/16/20 02:03	JN	Mt. Juliet, TN

FS-24 (3') L1285297-03 Solid

Collected by: John Thurston
Collected date/time: 11/12/20 00:00
Received date/time: 11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1576430	1	11/15/20 02:11	11/15/20 02:34	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1576527	1	11/15/20 08:02	11/15/20 12:47	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1576490	1	11/13/20 13:32	11/14/20 22:37	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1576637	1	11/13/20 13:32	11/14/20 15:45	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1576971	1	11/15/20 19:33	11/16/20 02:25	JN	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Chris McCord
Project Manager

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	92.6		1	11/15/2020 02:34	WG1576430

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	151		9.94	21.6	1	11/15/2020 12:28	WG1576527

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0270	B J	0.0234	0.108	1	11/14/2020 21:56	WG1576490
(S) a,a,a-Trifluorotoluene(FID)	*91.8*			*77.0-120*		*11/14/2020 21:56*	WG1576490

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000542	0.00116	1	11/14/2020 15:06	WG1576637
Toluene	U		0.00151	0.00580	1	11/14/2020 15:06	WG1576637
Ethylbenzene	U		0.000855	0.00290	1	11/14/2020 15:06	WG1576637
Total Xylenes	U		0.00102	0.00754	1	11/14/2020 15:06	WG1576637
(S) Toluene-d8	*116*			*75.0-131*		*11/14/2020 15:06*	WG1576637
(S) 4-Bromofluorobenzene	*96.6*			*67.0-138*		*11/14/2020 15:06*	WG1576637
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*11/14/2020 15:06*	WG1576637

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	24.7		1.74	4.32	1	11/16/2020 01:50	WG1576971
C28-C40 Oil Range	52.3		0.296	4.32	1	11/16/2020 01:50	WG1576971
(S) o-Terphenyl	*53.9*			*18.0-148*		*11/16/2020 01:50*	WG1576971

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	92.4		1	11/15/2020 02:34	WG1576430

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	36.5		9.96	21.6	1	11/15/2020 12:38	WG1576527

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0285	B J	0.0235	0.108	1	11/14/2020 22:16	WG1576490
(S) a,a,a-Trifluorotoluene(FID)	*84.7*			*77.0-120*		*11/14/2020 22:16*	WG1576490

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000544	0.00116	1	11/14/2020 15:26	WG1576637
Toluene	U		0.00151	0.00582	1	11/14/2020 15:26	WG1576637
Ethylbenzene	U		0.000858	0.00291	1	11/14/2020 15:26	WG1576637
Total Xylenes	U		0.00102	0.00757	1	11/14/2020 15:26	WG1576637
(S) Toluene-d8	*113*			*75.0-131*		*11/14/2020 15:26*	WG1576637
(S) 4-Bromofluorobenzene	*93.0*			*67.0-138*		*11/14/2020 15:26*	WG1576637
(S) 1,2-Dichloroethane-d4	*98.5*			*70.0-130*		*11/14/2020 15:26*	WG1576637

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	10.8		1.74	4.33	1	11/16/2020 02:03	WG1576971
C28-C40 Oil Range	22.0		0.297	4.33	1	11/16/2020 02:03	WG1576971
(S) o-Terphenyl	*61.1*			*18.0-148*		*11/16/2020 02:03*	WG1576971

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.0		1	11/15/2020 02:34	WG1576430

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	148		9.59	20.8	1	11/15/2020 12:47	WG1576527

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0281	B J	0.0226	0.104	1	11/14/2020 22:37	WG1576490
(S) a,a,a-Trifluorotoluene(FID)	*87.8*			*77.0-120*		*11/14/2020 22:37*	WG1576490

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000506	0.00108	1	11/14/2020 15:45	WG1576637
Toluene	U		0.00141	0.00542	1	11/14/2020 15:45	WG1576637
Ethylbenzene	U		0.000799	0.00271	1	11/14/2020 15:45	WG1576637
Total Xylenes	U		0.000954	0.00705	1	11/14/2020 15:45	WG1576637
(S) Toluene-d8	*114*			*75.0-131*		*11/14/2020 15:45*	WG1576637
(S) 4-Bromofluorobenzene	*92.3*			*67.0-138*		*11/14/2020 15:45*	WG1576637
(S) 1,2-Dichloroethane-d4	*98.3*			*70.0-130*		*11/14/2020 15:45*	WG1576637

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	34.4		1.68	4.17	1	11/16/2020 02:25	WG1576971
C28-C40 Oil Range	78.3		0.286	4.17	1	11/16/2020 02:25	WG1576971
(S) o-Terphenyl	*66.0*			*18.0-148*		*11/16/2020 02:25*	WG1576971

Method Blank (MB)

(MB) R3593360-1 11/15/20 02:34

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1285297-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1285297-02 11/15/20 02:34 • (DUP) R3593360-3 11/15/20 02:34

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	92.4	92.3	1	0.0823		10

Laboratory Control Sample (LCS)

(LCS) R3593360-2 11/15/20 02:34

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3593302-1 11/15/20 09:13

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Chloride	U		9.20	20.0

L1284244-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1284244-01 11/15/20 12:00 • (DUP) R3593302-5 11/15/20 12:09

Analyte	Original Result mg/kg	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		20

L1285401-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1285401-03 11/15/20 13:35 • (DUP) R3593302-6 11/15/20 13:44

Analyte	Original Result mg/kg	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	U	U	1	0.000		20

Laboratory Control Sample (LCS)

(LCS) R3593302-2 11/15/20 09:22

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	200	193	96.4	90.0-110	

L1283307-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1283307-01 11/15/20 10:15 • (MS) R3593302-3 11/15/20 10:25 • (MSD) R3593302-4 11/15/20 10:34

Analyte	Spike Amount (dry) mg/kg	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	500	106	712	707	106	105	1	80.0-120			0.708	20

Method Blank (MB)

(MB) R3593212-1 11/14/20 20:47

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	0.0272	J	0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	*95.8*			*77.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3593212-4 11/15/20 11:18 • (LCSD) R3593212-5 11/15/20 13:15

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.50	6.63	5.93	121	108	72.0-127			11.1	20
(S) a,a,a-Trifluorotoluene(FID)				*113*	*110*	*77.0-120*				

Method Blank (MB)

(MB) R3593228-2 11/14/20 13:31

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000467	0.00100
Ethylbenzene	U		0.000737	0.00250
Toluene	U		0.00130	0.00500
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*104*			*75.0-131*
(S) 4-Bromofluorobenzene	*99.7*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3593228-1 11/14/20 12:34

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.125	0.125	100	70.0-123	
Ethylbenzene	0.125	0.135	108	74.0-126	
Toluene	0.125	0.136	109	75.0-121	
Xylenes, Total	0.375	0.400	107	72.0-127	
(S) Toluene-d8			*106*	*75.0-131*	
(S) 4-Bromofluorobenzene			*101*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*106*	*70.0-130*	

L1285297-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1285297-01 11/14/20 15:06 • (MS) R3593228-3 11/14/20 21:26 • (MSD) R3593228-4 11/14/20 21:46

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.145	U	0.101	0.118	69.4	81.6	1	10.0-149			16.2	37
Ethylbenzene	0.145	U	0.107	0.128	74.0	88.0	1	10.0-160			17.3	38
Toluene	0.145	U	0.114	0.131	78.7	90.4	1	10.0-156			13.8	38
Xylenes, Total	0.435	U	0.318	0.361	73.1	82.9	1	10.0-160			12.6	38
(S) Toluene-d8					*113*	*115*		*75.0-131*				
(S) 4-Bromofluorobenzene					*91.9*	*93.9*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*91.8*	*95.1*		*70.0-130*				

Method Blank (MB)

(MB) R3593453-1 11/16/20 01:24

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C40 Oil Range	U		0.274	4.00
(S) o-Terphenyl	*70.9*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R3593453-2 11/16/20 01:37

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	37.2	74.4	50.0-150	
(S) o-Terphenyl			*92.2*	*18.0-148*	

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

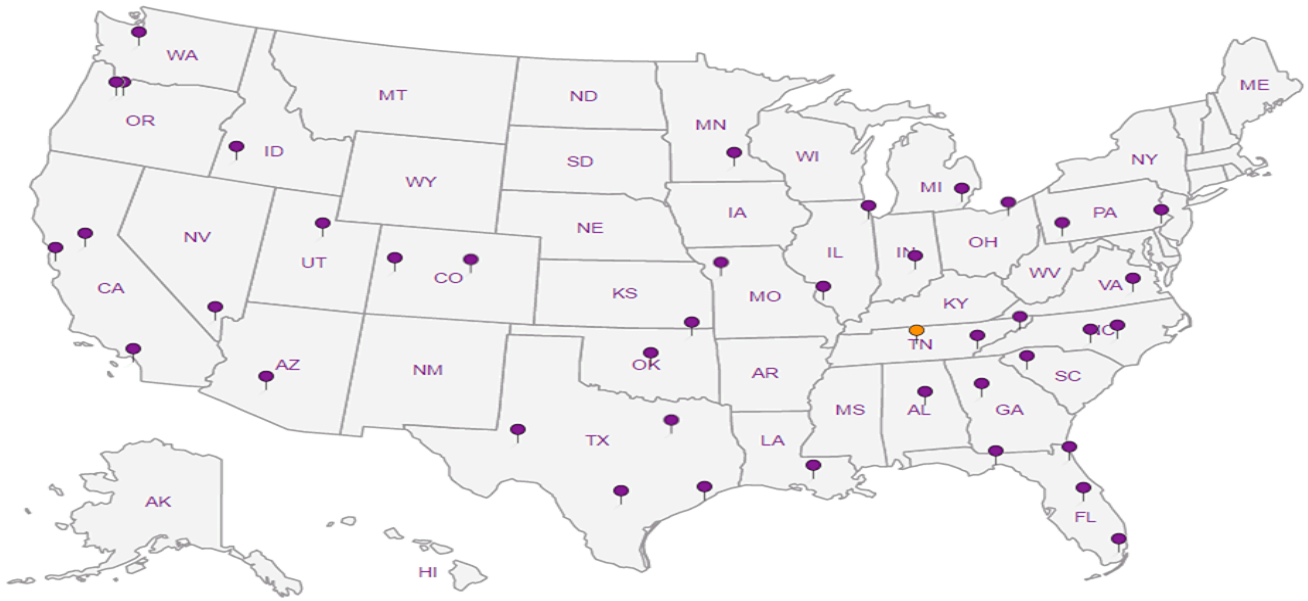
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



ACCOUNT:	PROJECT:	SDG:	DATE/TIME:	PAGE:
ConocoPhillips - Tetra Tech	212C-MD-02337	L1285297	11/16/20 16:05	14 of 16

Analysis Request of Chain of Custody Record

Page : 1 of 1

Tetra Tech, Inc.

901 West Wall Street, Suite 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

L1285297

Client Name:	Conoco Phillips	**Site Manager:**	Christian Llull
Project Name:	EVGSAU 3332-519 Flowline Release	**Contact Info:**	Email: christian.llull@tetratech.com Phone: (512) 338-1667
Project Location: (county, state)	Lea County, New Mexico	**Project #:**	212C-MD-02337
Invoice to:	Accounts Payable 901 West Wall Street, Suite 100 Midland, Texas 79701		
Receiving Laboratory:	Pace Analytical	**Sampler Signature:**	John Thurston

Comments: COPTETRA Acctnum

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2020 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD NONE	# CONTAINERS	FILTERED (Y/N)	BTEX (8021B) BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R		HOLD
	FS-22 (3')	11/12/2020			X				X		1	N	X		X												X						-01
	FS-23 (3')	11/12/2020			X				X		1	N	X		X												X						-02
	FS-24 (3')	11/12/2020			X				X		1	N	X		X												X						-03

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Mike Cannon	11/12/2020	1600		11/12/20	1600
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	11/12/20	1645	FedEx	11/12/20	1645
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
			Olivia Cruz	11/13/20	800

LAB USE ONLY

Sample Temperature

REMARKS:

- ☐ Standard
- ☒ RUSH: Same Day 24 hr. 48 hr. 72 hr.
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

OK

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

0.910=0.907 CL

RAD SCREEN: <0.5 mR/hr

ORIGINAL COPY

fedex: 1382 4816 3839

Pace Analytical National Center for Testing & Innovation
Cooler Receipt Form

Client: COPTETRA	L1285297	
Cooler Received/Opened On: 11 / 13 / 20 Temperature:	.9	
Received By: Olivia Turner		
Signature: Olivia Turner		

Receipt Check List	NP	Yes	No
COC Seal Present / Intact?	✓		
COC Signed / Accurate?		✓	
Bottles arrive intact?		✓	
Correct bottles used?		✓	
Sufficient volume sent?		✓	
If Applicable			
VOA Zero headspace?			
Preservation Correct / Checked?			

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

November 16, 2020

ConocoPhillips - Tetra Tech

Sample Delivery Group:	L1285434
Samples Received:	11/13/2020
Project Number:	212C-MD-02337
Description:	EVGSAU 3332-519 Flowline Release

Report To: Christian Llull
901 West Wall
Suite 100
Midland, TX 79701

Entire Report Reviewed By:

Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

TABLE OF CONTENTS

FS-25 (3') L1285434-01 Solid

Collected by: John Myler
Collected date/time: 11/11/20 00:00
Received date/time: 11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1576430	1	11/15/20 02:11	11/15/20 02:34	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1576527	1	11/15/20 08:02	11/15/20 13:54	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1576490	1	11/13/20 16:37	11/14/20 22:58	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1576637	1	11/13/20 16:37	11/14/20 16:04	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1576971	1	11/15/20 19:33	11/16/20 02:39	JN	Mt. Juliet, TN

FS-26 (3') L1285434-02 Solid

Collected by: John Myler
Collected date/time: 11/11/20 00:00
Received date/time: 11/13/20 09:00

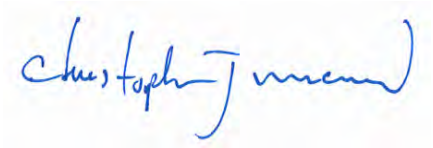
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1576431	1	11/15/20 02:53	11/15/20 03:08	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1576527	1	11/15/20 08:02	11/15/20 14:03	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1576490	1	11/13/20 16:37	11/14/20 23:18	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1576637	1	11/13/20 16:37	11/14/20 16:23	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1576971	1	11/15/20 19:33	11/16/20 02:52	JN	Mt. Juliet, TN

FS-27 (3') L1285434-03 Solid

Collected by: John Myler
Collected date/time: 11/11/20 00:00
Received date/time: 11/13/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1576431	1	11/15/20 02:53	11/15/20 03:08	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1576527	1	11/15/20 08:02	11/15/20 14:13	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1576490	1	11/13/20 16:37	11/14/20 23:39	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1576637	1	11/13/20 16:37	11/14/20 16:42	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1576971	1	11/15/20 19:33	11/16/20 03:10	JN	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Chris McCord
Project Manager

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	91.1		1	11/15/2020 02:34	WG1576430

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	94.3		10.1	22.0	1	11/15/2020 13:54	WG1576527

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0270	B J	0.0238	0.110	1	11/14/2020 22:58	WG1576490
(S) a,a,a-Trifluorotoluene(FID)	*90.5*			*77.0-120*		*11/14/2020 22:58*	WG1576490

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000559	0.00120	1	11/14/2020 16:04	WG1576637
Toluene	U		0.00156	0.00598	1	11/14/2020 16:04	WG1576637
Ethylbenzene	U		0.000882	0.00299	1	11/14/2020 16:04	WG1576637
Total Xylenes	U		0.00105	0.00778	1	11/14/2020 16:04	WG1576637
(S) Toluene-d8	*113*			*75.0-131*		*11/14/2020 16:04*	WG1576637
(S) 4-Bromofluorobenzene	*93.0*			*67.0-138*		*11/14/2020 16:04*	WG1576637
(S) 1,2-Dichloroethane-d4	*98.4*			*70.0-130*		*11/14/2020 16:04*	WG1576637

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.77	4.39	1	11/16/2020 02:39	WG1576971
C28-C40 Oil Range	0.502	J	0.301	4.39	1	11/16/2020 02:39	WG1576971
(S) o-Terphenyl	*62.4*			*18.0-148*		*11/16/2020 02:39*	WG1576971

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	95.5		1	11/15/2020 03:08	WG1576431

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	34.8		9.63	20.9	1	11/15/2020 14:03	WG1576527

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0263	B J	0.0227	0.105	1	11/14/2020 23:18	WG1576490
(S) a,a,a-Trifluorotoluene(FID)	*85.8*			*77.0-120*		*11/14/2020 23:18*	WG1576490

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000511	0.00109	1	11/14/2020 16:23	WG1576637
Toluene	U		0.00142	0.00547	1	11/14/2020 16:23	WG1576637
Ethylbenzene	U		0.000806	0.00274	1	11/14/2020 16:23	WG1576637
Total Xylenes	U		0.000963	0.00711	1	11/14/2020 16:23	WG1576637
(S) Toluene-d8	*115*			*75.0-131*		*11/14/2020 16:23*	WG1576637
(S) 4-Bromofluorobenzene	*94.5*			*67.0-138*		*11/14/2020 16:23*	WG1576637
(S) 1,2-Dichloroethane-d4	*98.7*			*70.0-130*		*11/14/2020 16:23*	WG1576637

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.69	4.19	1	11/16/2020 02:52	WG1576971
C28-C40 Oil Range	0.758	J	0.287	4.19	1	11/16/2020 02:52	WG1576971
(S) o-Terphenyl	*63.8*			*18.0-148*		*11/16/2020 02:52*	WG1576971

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	95.6		1	11/15/2020 03:08	WG1576431

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	121		9.63	20.9	1	11/15/2020 14:13	WG1576527

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.0287	B J	0.0227	0.105	1	11/14/2020 23:39	WG1576490
(S) a,a,a-Trifluorotoluene(FID)	*89.6*			*77.0-120*		*11/14/2020 23:39*	WG1576490

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000510	0.00109	1	11/14/2020 16:42	WG1576637
Toluene	U		0.00142	0.00546	1	11/14/2020 16:42	WG1576637
Ethylbenzene	U		0.000805	0.00273	1	11/14/2020 16:42	WG1576637
Total Xylenes	U		0.000962	0.00710	1	11/14/2020 16:42	WG1576637
(S) Toluene-d8	*113*			*75.0-131*		*11/14/2020 16:42*	WG1576637
(S) 4-Bromofluorobenzene	*92.6*			*67.0-138*		*11/14/2020 16:42*	WG1576637
(S) 1,2-Dichloroethane-d4	*96.1*			*70.0-130*		*11/14/2020 16:42*	WG1576637

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.68	4.19	1	11/16/2020 03:10	WG1576971
C28-C40 Oil Range	0.900	J	0.287	4.19	1	11/16/2020 03:10	WG1576971
(S) o-Terphenyl	*65.5*			*18.0-148*		*11/16/2020 03:10*	WG1576971

Method Blank (MB)

(MB) R3593360-1 11/15/20 02:34

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1285297-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1285297-02 11/15/20 02:34 • (DUP) R3593360-3 11/15/20 02:34

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	92.4	92.3	1	0.0823		10

Laboratory Control Sample (LCS)

(LCS) R3593360-2 11/15/20 02:34

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3593373-1 11/15/20 03:08

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1285541-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1285541-03 11/15/20 03:08 • (DUP) R3593373-3 11/15/20 03:08

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	85.3	82.7	1	3.12		10

Laboratory Control Sample (LCS)

(LCS) R3593373-2 11/15/20 03:08

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3593302-1 11/15/20 09:13

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Chloride	U		9.20	20.0

Laboratory Control Sample (LCS)

(LCS) R3593302-2 11/15/20 09:22

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	200	193	96.4	90.0-110	

Method Blank (MB)

(MB) R3593212-1 11/14/20 20:47

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	0.0272	J	0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	*95.8*			*77.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3593212-4 11/15/20 11:18 • (LCSD) R3593212-5 11/15/20 13:15

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.50	6.63	5.93	121	108	72.0-127			11.1	20
(S) a,a,a-Trifluorotoluene(FID)				*113*	*110*	*77.0-120*				

L1284381-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1284381-02 11/15/20 04:14 • (MS) R3593212-2 11/15/20 05:16 • (MSD) R3593212-3 11/15/20 05:36

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	213	1.50	233	230	109	107	38.8	10.0-151			1.30	28
(S) a,a,a-Trifluorotoluene(FID)					*114*	*113*		*77.0-120*				

Method Blank (MB)

(MB) R3593228-2 11/14/20 13:31

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000467	0.00100
Ethylbenzene	U		0.000737	0.00250
Toluene	U		0.00130	0.00500
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*104*			*75.0-131*
(S) 4-Bromofluorobenzene	*99.7*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3593228-1 11/14/20 12:34

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.125	0.125	100	70.0-123	
Ethylbenzene	0.125	0.135	108	74.0-126	
Toluene	0.125	0.136	109	75.0-121	
Xylenes, Total	0.375	0.400	107	72.0-127	
(S) Toluene-d8			*106*	*75.0-131*	
(S) 4-Bromofluorobenzene			*101*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*106*	*70.0-130*	

L1285297-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1285297-01 11/14/20 15:06 • (MS) R3593228-3 11/14/20 21:26 • (MSD) R3593228-4 11/14/20 21:46

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.145	U	0.101	0.118	69.4	81.6	1	10.0-149			16.2	37
Ethylbenzene	0.145	U	0.107	0.128	74.0	88.0	1	10.0-160			17.3	38
Toluene	0.145	U	0.114	0.131	78.7	90.4	1	10.0-156			13.8	38
Xylenes, Total	0.435	U	0.318	0.361	73.1	82.9	1	10.0-160			12.6	38
(S) Toluene-d8					*113*	*115*		*75.0-131*				
(S) 4-Bromofluorobenzene					*91.9*	*93.9*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*91.8*	*95.1*		*70.0-130*				

Method Blank (MB)

(MB) R3593453-1 11/16/20 01:24

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C40 Oil Range	U		0.274	4.00
(S) o-Terphenyl	*70.9*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R3593453-2 11/16/20 01:37

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	37.2	74.4	50.0-150	
(S) o-Terphenyl			*92.2*	*18.0-148*	

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

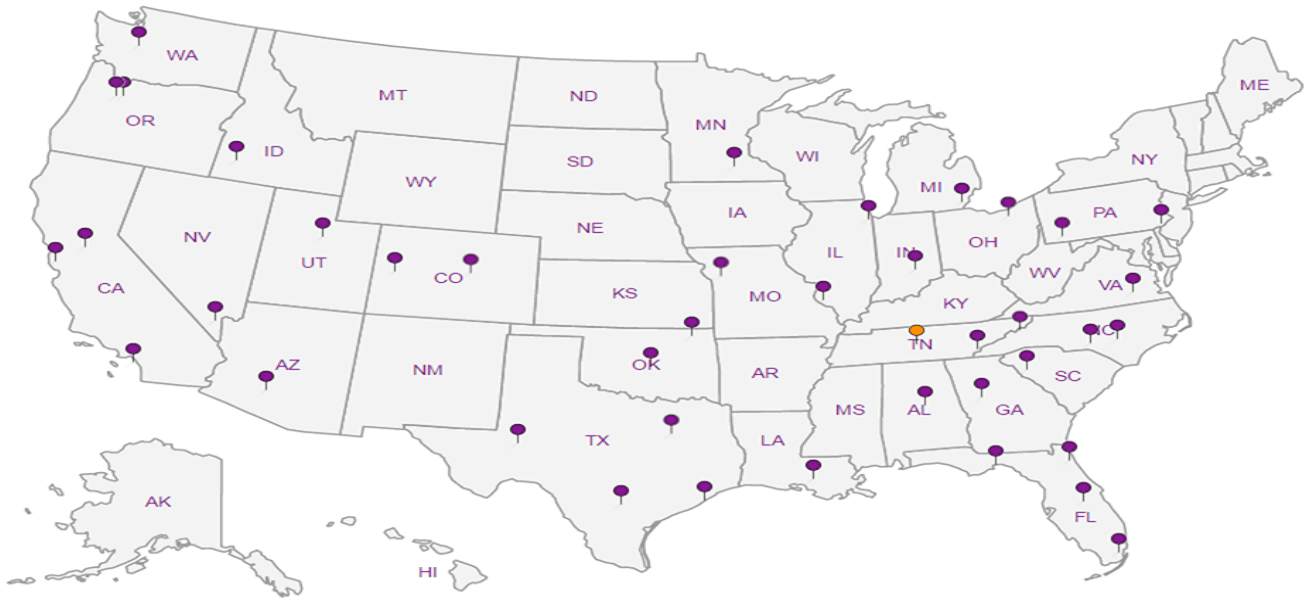
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



ACCOUNT:	PROJECT:	SDG:	DATE/TIME:	PAGE:
ConocoPhillips - Tetra Tech	212C-MD-02337	L1285434	11/16/20 16:06	15 of 17

Analysis Request of Chain of Custody Record

L1284434

Page : 1 of 1

Tetra Tech, Inc.

901 West Wall Street, Suite 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name:	Conoco Phillips	**Site Manager:**	Christian Llull
Project Name:	EVGSAU 3332-519 Flowline Release	**Contact Info:**	Email: christian.llull@tetratech.com Phone: (512) 338-1667
Project Location: (county, state)	Lea County, New Mexico	**Project #:**	212C-MD-02337
Invoice to:	Accounts Payable 901 West Wall Street, Suite 100 Midland, Texas 79701		
Receiving Laboratory:	Pace Analytical	**Sampler Signature:**	John Thurston
Comments:	COPTETRA Acctnum		

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE (YEAR: 2020)	TIME	MATRIX: WATER	SOIL		PRESERVATIVE METHOD: HCL	HNO_3	ICE	NONE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R		HOLD
-01	FS-25 (3')	11/11/2020			X				X		1	N	X		X												X						
-02	FS-26 (3')	11/11/2020			X				X		1	N	X		X												X						
-03	FS-27 (3')	11/11/2020			X				X		1	N	X		X												X						

t55

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	11/11/20	16:00	[signature]	11/11/20	16:00
[signature]	11/11/20	17:00	FedEx	11/11/20	17:00
FedEX	11/12/20	1606	[signature] Pace	11/12/20	1606

LAB USE ONLY

Sample Temperature
2.6+0=2.6 [initials]

REMARKS:
- ☐ Standard
- ☒ RUSH: Same Day 24 hr. (48 hr.) 72 hr.
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED (FEDEX) UPS Tracking #: ______

ORIGINAL COPY

Relq. [signature] Pace 11/12/20 1623 [signature] Pace 11/12/20 1623

RAD SCREEN: <0.5 mR/hr

FedEx 9347 3275 [signature] 11/13/20 9:00

results monday 11/16/20

Pace Analytical National Center for Testing & Innovation
Cooler Receipt Form

Client: COPTETRA	LIZ85434	
Cooler Received/Opened On: 11 / 3 / 20 Temperature:	2.6 °C	
Received By: Monica Rifenberrick		
Signature:		

Receipt Check List	NP	Yes	No
COC Seal Present / Intact?	✓		
COC Signed / Accurate?		✓	
Bottles arrive intact?		✓	
Correct bottles used?		✓	
Sufficient volume sent?		✓	
If Applicable			
VOA Zero headspace?			
Preservation Correct / Checked?			

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

November 19, 2020

ConocoPhillips - Tetra Tech

Sample Delivery Group:	L1286922
Samples Received:	11/18/2020
Project Number:	212C-MD-02337
Description:	EVGSAU 3332-519 Flowline Release

Report To: Christian Llull
901 West Wall
Suite 100
Midland, TX 79701

Entire Report Reviewed By:

Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

TABLE OF CONTENTS

FS-24 (4') L1286922-01 Solid

Collected by: John Thurston
Collected date/time: 11/17/20 00:00
Received date/time: 11/18/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1578542	1	11/19/20 01:04	11/19/20 01:33	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1578610	1	11/19/20 00:29	11/19/20 05:18	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1578901	1	11/18/20 13:37	11/19/20 08:14	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1578608	1	11/18/20 13:37	11/18/20 22:06	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1578502	1	11/19/20 01:11	11/19/20 08:42	JN	Mt. Juliet, TN

FS-28 (3') L1286922-02 Solid

Collected by: John Thurston
Collected date/time: 11/17/20 00:00
Received date/time: 11/18/20 09:00

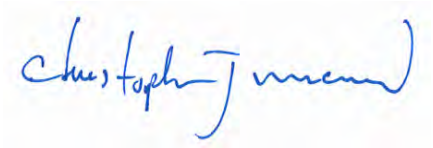
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1578542	1	11/19/20 01:04	11/19/20 01:33	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1578610	1	11/19/20 00:29	11/19/20 05:28	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1578901	1	11/18/20 13:37	11/19/20 08:35	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1578608	1	11/18/20 13:37	11/18/20 22:25	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1578502	1	11/19/20 01:11	11/19/20 09:52	JN	Mt. Juliet, TN

FS-29 L1286922-03 Solid

Collected by: John Thurston
Collected date/time: 11/17/20 00:00
Received date/time: 11/18/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1578542	1	11/19/20 01:04	11/19/20 01:33	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1578610	1	11/19/20 00:29	11/19/20 05:56	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1578901	1	11/18/20 13:37	11/19/20 08:56	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1578608	1	11/18/20 13:37	11/18/20 22:44	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1578502	1	11/19/20 01:11	11/19/20 09:07	JN	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Chris McCord
Project Manager

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.3		1	11/19/2020 01:33	WG1578542

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	277		9.55	20.8	1	11/19/2020 05:18	WG1578610

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0225	0.104	1	11/19/2020 08:14	WG1578901
(S) a,a,a-Trifluorotoluene(FID)	*108*			*77.0-120*		*11/19/2020 08:14*	WG1578901

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000503	0.00108	1	11/18/2020 22:06	WG1578608
Toluene	U		0.00140	0.00538	1	11/18/2020 22:06	WG1578608
Ethylbenzene	U		0.000793	0.00269	1	11/18/2020 22:06	WG1578608
Total Xylenes	U		0.000947	0.00700	1	11/18/2020 22:06	WG1578608
(S) Toluene-d8	*100*			*75.0-131*		*11/18/2020 22:06*	WG1578608
(S) 4-Bromofluorobenzene	*94.6*			*67.0-138*		*11/18/2020 22:06*	WG1578608
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*11/18/2020 22:06*	WG1578608

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	18.9		1.67	4.15	1	11/19/2020 08:42	WG1578502
C28-C40 Oil Range	29.5		0.284	4.15	1	11/19/2020 08:42	WG1578502
(S) o-Terphenyl	*51.4*			*18.0-148*		*11/19/2020 08:42*	WG1578502

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	96.1		1	11/19/2020 01:33	WG1578542

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	100		9.58	20.8	1	11/19/2020 05:28	WG1578610

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0226	0.104	1	11/19/2020 08:35	WG1578901
(S) a,a,a-Trifluorotoluene(FID)	*107*			*77.0-120*		*11/19/2020 08:35*	WG1578901

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000505	0.00108	1	11/18/2020 22:25	WG1578608
Toluene	U		0.00141	0.00541	1	11/18/2020 22:25	WG1578608
Ethylbenzene	U		0.000797	0.00270	1	11/18/2020 22:25	WG1578608
Total Xylenes	U		0.000952	0.00703	1	11/18/2020 22:25	WG1578608
(S) Toluene-d8	*102*			*75.0-131*		*11/18/2020 22:25*	WG1578608
(S) 4-Bromofluorobenzene	*94.7*			*67.0-138*		*11/18/2020 22:25*	WG1578608
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*11/18/2020 22:25*	WG1578608

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	8.82		1.68	4.16	1	11/19/2020 09:52	WG1578502
C28-C40 Oil Range	16.2		0.285	4.16	1	11/19/2020 09:52	WG1578502
(S) o-Terphenyl	*72.6*			*18.0-148*		*11/19/2020 09:52*	WG1578502

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	95.9		1	11/19/2020 01:33	WG1578542

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	652		9.59	20.8	1	11/19/2020 05:56	WG1578610

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0226	0.104	1	11/19/2020 08:56	WG1578901
(S) a,a,a-Trifluorotoluene(FID)	*107*			*77.0-120*		*11/19/2020 08:56*	WG1578901

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000507	0.00108	1	11/18/2020 22:44	WG1578608
Toluene	U		0.00141	0.00542	1	11/18/2020 22:44	WG1578608
Ethylbenzene	U		0.000800	0.00271	1	11/18/2020 22:44	WG1578608
Total Xylenes	U		0.000955	0.00705	1	11/18/2020 22:44	WG1578608
(S) Toluene-d8	*99.9*			*75.0-131*		*11/18/2020 22:44*	WG1578608
(S) 4-Bromofluorobenzene	*92.2*			*67.0-138*		*11/18/2020 22:44*	WG1578608
(S) 1,2-Dichloroethane-d4	*95.9*			*70.0-130*		*11/18/2020 22:44*	WG1578608

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	76.6		1.68	4.17	1	11/19/2020 09:07	WG1578502
C28-C40 Oil Range	112		0.286	4.17	1	11/19/2020 09:07	WG1578502
(S) o-Terphenyl	*66.5*			*18.0-148*		*11/19/2020 09:07*	WG1578502

Method Blank (MB)

(MB) R3594792-1 11/19/20 01:33

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1286922-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1286922-02 11/19/20 01:33 • (DUP) R3594792-3 11/19/20 01:33

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	96.1	96.5	1	0.389		10

Laboratory Control Sample (LCS)

(LCS) R3594792-2 11/19/20 01:33

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3594878-1 11/19/20 03:15

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Chloride	U		9.20	20.0

L1285600-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1285600-04 11/19/20 04:02 • (DUP) R3594878-3 11/19/20 04:11

Analyte	Original Result mg/kg	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	123	119	1	2.71		20

L1286922-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1286922-03 11/19/20 05:56 • (DUP) R3594878-6 11/19/20 06:06

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	652	645	1	1.16		20

Laboratory Control Sample (LCS)

(LCS) R3594878-2 11/19/20 03:24

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	200	213	107	90.0-110	

L1286922-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1286922-02 11/19/20 05:28 • (MS) R3594878-4 11/19/20 05:37 • (MSD) R3594878-5 11/19/20 05:47

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	520	100	647	653	105	106	1	80.0-120			0.981	20

Method Blank (MB)

(MB) R3595025-2 11/19/20 04:36

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	*113*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R3595025-1 11/19/20 03:54

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	6.05	110	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*101*	*77.0-120*	

L1285662-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1285662-01 11/19/20 12:45 • (MS) R3595025-3 11/19/20 13:06 • (MSD) R3595025-4 11/19/20 13:26

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	109	2.25	95.1	143	87.2	131	25	10.0-151		J3	40.2	28
(S) a,a,a-Trifluorotoluene(FID)					*103*	*108*		*77.0-120*				

Method Blank (MB)

(MB) R3594886-3 11/18/20 21:28

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000467	0.00100
Ethylbenzene	U		0.000737	0.00250
Toluene	U		0.00130	0.00500
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*102*			*75.0-131*
(S) 4-Bromofluorobenzene	*93.4*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3594886-1 11/18/20 20:13 • (LCSD) R3594886-2 11/18/20 20:31

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.125	0.114	0.114	91.2	91.2	70.0-123			0.000	20
Ethylbenzene	0.125	0.119	0.115	95.2	92.0	74.0-126			3.42	20
Toluene	0.125	0.112	0.111	89.6	88.8	75.0-121			0.897	20
Xylenes, Total	0.375	0.324	0.321	86.4	85.6	72.0-127			0.930	20
(S) Toluene-d8				*95.6*	*97.7*	*75.0-131*				
(S) 4-Bromofluorobenzene				*98.1*	*98.7*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*109*	*106*	*70.0-130*				

Method Blank (MB)

(MB) R3594847-1 11/19/20 08:03

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C40 Oil Range	0.350	J	0.274	4.00
(S) o-Terphenyl	*81.8*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R3594847-2 11/19/20 08:16

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	40.5	81.0	50.0-150	
(S) o-Terphenyl			*91.6*	*18.0-148*	

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

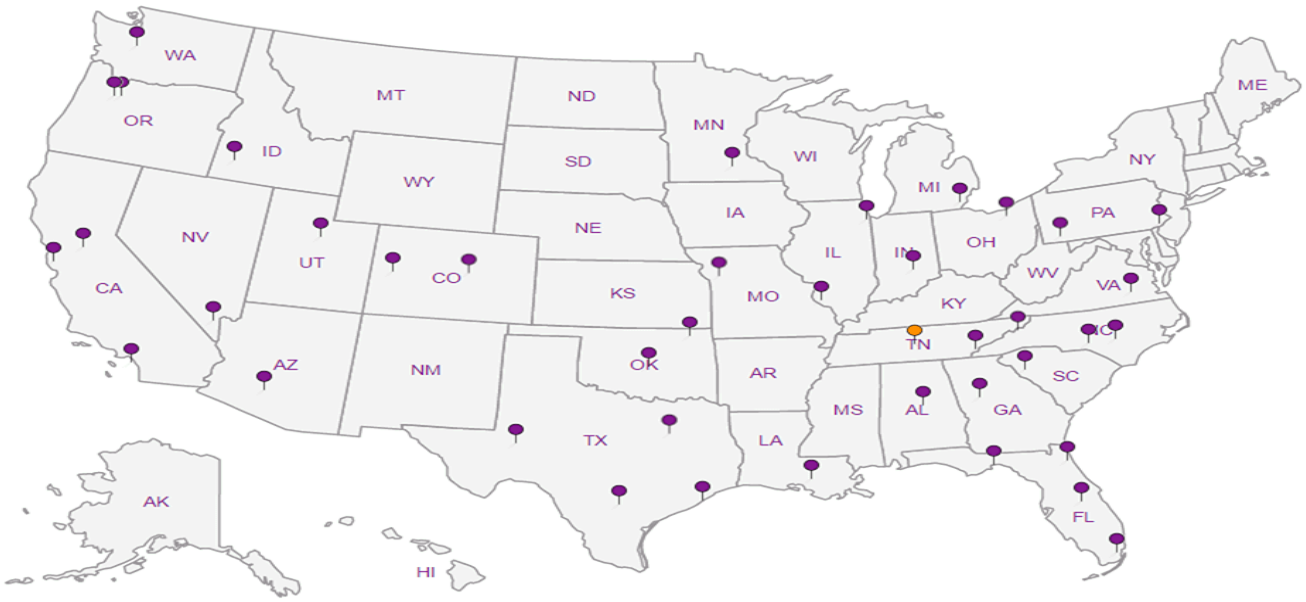
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



ACCOUNT:	PROJECT:	SDG:	DATE/TIME:	PAGE:
ConocoPhillips - Tetra Tech	212C-MD-02337	L1286922	11/19/20 18:30	14 of 15

Analysis Request of Chain of Custody Record

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E093

Tetra Tech, Inc.

901 West Wall Street, Suite 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name:	Conoco Phillips	**Site Manager:**	Christian Llull
Project Name:	EVGSAU 3332-519 Flowline Release	**Contact Info:**	Email: christian.llull@tetratech.com Phone: (512) 338-1667
Project Location: (county, state)	Lea County, New Mexico	**Project #:**	212C-MD-02337
Invoice to:	Accounts Payable 901 West Wall Street, Suite 100 Midland, Texas 79701		
Receiving Laboratory:	Pace Analytical	**Sampler Signature:**	John Thurston
Comments:	COPTETRA Acctnum		

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY) 1286922	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	MATRIX:	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: NONE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R		HOLD
61	FS-24 (4')	11/17/2020			X				X		1	N	X		X												X						
62	FS-28 (3')	11/17/2020			X				X		1	N	X		X												X						
63	FS-29	11/17/2020			X				X		1	N	X		X												X						

Relinquished by:	Date: 11/17/20	Time: 1235	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by: Date: 11-18-20 Time: 9:00

ORIGINAL COPY

LAB USE ONLY

Sample Temperature

REMARKS:

- [ ] Standard
- [X] RUSH: Same Day (24 hr.) 48 hr. 72 hr.
- [ ] Rush Charges Authorized
- [ ] Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

0.3-.1=0.2 ck

RAD SCREEN: <0.5 mR/hr

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

November 23, 2020

ConocoPhillips - Tetra Tech

Sample Delivery Group:	L1288220
Samples Received:	11/20/2020
Project Number:	212C-MD-02337
Description:	EVGSAU 3332-519 Flowline Release

Report To: Christian Llull
901 West Wall
Suite 100
Midland, TX 79701

Entire Report Reviewed By: Erica McNeese

Erica McNeese
Project Manager

TABLE OF CONTENTS

FS-29 (3') L1288220-01 Solid

Collected by: John Thurston
Collected date/time: 11/19/20 00:00
Received date/time: 11/20/20 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1579971	1	11/21/20 06:15	11/21/20 06:24	KBC	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1580287	1	11/21/20 12:04	11/21/20 21:58	MCG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1580519	25	11/19/20 00:00	11/22/20 07:59	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1580162	1	11/19/20 00:00	11/21/20 04:40	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1580221	1	11/21/20 08:26	11/22/20 03:24	JN	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Erica McNeese
Project Manager

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	95.7		1	11/21/2020 06:24	WG1579971

Wet Chemistry by Method 300.0

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Chloride	66.8	P1	9.61	20.9	1	11/21/2020 21:58	WG1580287

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.597	2.75	25	11/22/2020 07:59	WG1580519
(S) a,a,a-Trifluorotoluene(FID)	*109*			*77.0-120*		*11/22/2020 07:59*	WG1580519

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000513	0.00110	1	11/21/2020 04:40	WG1580162
Toluene	U		0.00143	0.00549	1	11/21/2020 04:40	WG1580162
Ethylbenzene	U		0.000810	0.00275	1	11/21/2020 04:40	WG1580162
Total Xylenes	U		0.000967	0.00714	1	11/21/2020 04:40	WG1580162
(S) Toluene-d8	*110*			*75.0-131*		*11/21/2020 04:40*	WG1580162
(S) 4-Bromofluorobenzene	*95.9*			*67.0-138*		*11/21/2020 04:40*	WG1580162
(S) 1,2-Dichloroethane-d4	*97.7*			*70.0-130*		*11/21/2020 04:40*	WG1580162

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	12.1		1.68	4.18	1	11/22/2020 03:24	WG1580221
C28-C40 Oil Range	18.1		0.286	4.18	1	11/22/2020 03:24	WG1580221
(S) o-Terphenyl	*64.7*			*18.0-148*		*11/22/2020 03:24*	WG1580221

Method Blank (MB)

(MB) R3596368-1 11/21/20 06:24

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1288325-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1288325-01 11/21/20 06:24 • (DUP) R3596368-3 11/21/20 06:24

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	88.8	87.2	1	1.86		10

Laboratory Control Sample (LCS)

(LCS) R3596368-2 11/21/20 06:24

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3595974-1 11/21/20 13:56

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Chloride	U		9.20	20.0

L1285974-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1285974-12 11/21/20 18:19 • (DUP) R3595974-5 11/21/20 18:29

Analyte	Original Result mg/kg	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	132	138	1	4.77		20

L1288220-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1288220-01 11/21/20 21:58 • (DUP) R3595974-6 11/21/20 22:08

Analyte	Original Result (dry) mg/kg	DUP Result (dry) mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	66.8	29.6	1	77.2	P1	20

Laboratory Control Sample (LCS)

(LCS) R3595974-2 11/21/20 14:06

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	200	200	100	90.0-110	

L1285974-11 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1285974-11 11/21/20 17:51 • (MS) R3595974-3 11/21/20 18:00 • (MSD) R3595974-4 11/21/20 18:10

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	500	526	955	921	85.8	79.0	1	80.0-120		J6	3.64	20

Method Blank (MB)

(MB) R3595987-1 11/21/20 23:58

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	*109*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R3595987-2 11/22/20 00:40

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	4.95	90.0	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			*102*	*77.0-120*	

L1288220-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1288220-01 11/22/20 07:59 • (MS) R3595987-4 11/22/20 09:02 • (MSD) R3595987-5 11/22/20 09:22

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	124	U	69.3	72.3	55.8	58.2	25	10.0-151			4.19	28
(S) a,a,a-Trifluorotoluene(FID)					*104*	*103*		*77.0-120*				

Method Blank (MB)

(MB) R3596001-3 11/20/20 22:20

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000467	0.00100
Ethylbenzene	U		0.000737	0.00250
Toluene	U		0.00130	0.00500
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*103*			*75.0-131*
(S) 4-Bromofluorobenzene	*96.3*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3596001-1 11/20/20 21:04 • (LCSD) R3596001-2 11/20/20 21:23

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.125	0.114	0.118	91.2	94.4	70.0-123			3.45	20
Ethylbenzene	0.125	0.122	0.126	97.6	101	74.0-126			3.23	20
Toluene	0.125	0.108	0.113	86.4	90.4	75.0-121			4.52	20
Xylenes, Total	0.375	0.364	0.373	97.1	99.5	72.0-127			2.44	20
(S) Toluene-d8				*97.2*	*98.1*	*75.0-131*				
(S) 4-Bromofluorobenzene				*103*	*96.8*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*121*	*118*	*70.0-130*				

L1287779-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1287779-02 11/20/20 22:39 • (MS) R3596001-4 11/21/20 04:59 • (MSD) R3596001-5 11/21/20 05:18

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.137	U	0.144	0.155	105	113	1.09	10.0-149			7.36	37
Ethylbenzene	0.137	U	0.152	0.175	111	128	1.09	10.0-160			14.1	38
Toluene	0.137	U	0.143	0.154	104	112	1.09	10.0-156			7.41	38
Xylenes, Total	0.409	U	0.457	0.505	112	123	1.09	10.0-160			9.98	38
(S) Toluene-d8					*104*	*103*		*75.0-131*				
(S) 4-Bromofluorobenzene					*97.8*	*101*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*99.7*	*104*		*70.0-130*				

Method Blank (MB)

(MB) R3595986-1 11/22/20 02:46

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C40 Oil Range	0.755	J	0.274	4.00
(S) o-Terphenyl	*83.2*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R3595986-2 11/22/20 02:58

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	38.7	77.4	50.0-150	
(S) o-Terphenyl			*93.5*	*18.0-148*	

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

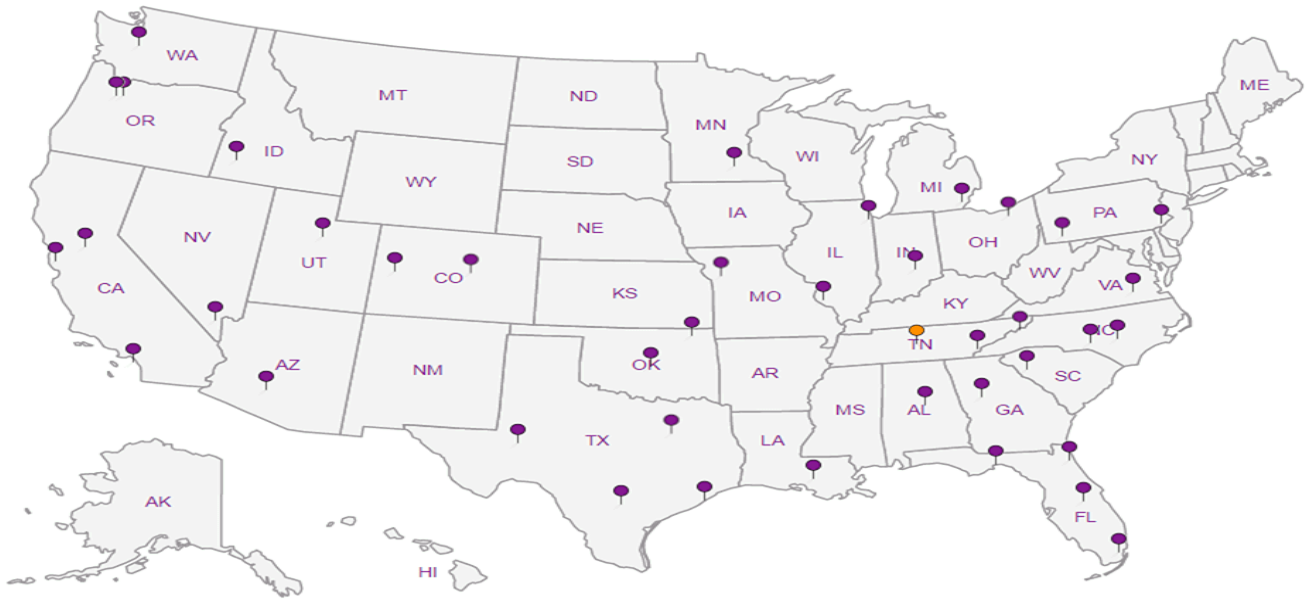
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



ACCOUNT:	PROJECT:	SDG:	DATE/TIME:	PAGE:
ConocoPhillips - Tetra Tech	212C-MD-02337	L1288220	11/23/20 14:34	12 of 13

Analysis Request of Chain of Custody Record

Sample Receipt Checklist
COC Seal Present/Intact: __Y__N
COC Signed/Accurate: __Y__N
Bottles arrive intact: __Y__N
Correct bottles used: __Y__N
Sufficient volume sent: __Y__N
RAD Screen <0.5 mR/hr: __Y__N
If Applicable
VOA Zero Headspace: __Y__N
Pres.Correct/Check: __Y__N

901 West Wall Street, Suite 100
as 79701
682-4559
Fax (432) 682-3946

D188

L1288220

Client Name:	Conoco Phillips	**Site Manager:**	Christian Llull
Project Name:	EVGSAU 3332-519 Flowline Release	**Contact Info:**	Email: christian.llull@tetratech.com Phone: (512) 338-1667
Project Location: (county, state)	Lea County, New Mexico	**Project #:**	212C-MD-02337
Invoice to:	Accounts Payable 901 West Wall Street, Suite 100 Midland, Texas 79701		
Receiving Laboratory:	Pace Analytical	**Sampler Signature:**	John Thurston

Comments: COPTETRA Acctnum

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R	HOLD
	FS-29 (3')	11/19/2020			X			X		1	N	X		X												X					

Relinquished by:	Date: 11/19/20	Time: 1420	Received by:	Date: Time:
Relinquished by:	Date:	Time:	Received by:	Date: Time:
Relinquished by:	Date:	Time:	Received by:	Date: 11/20 Time: 0915

LAB USE ONLY

Sample Temperature 3.5+0=3.5°C

REMARKS:

- ☐ Standard — RAD SCREEN: <0.5 mR/hr
- ☒ RUSH: Same Day, (24 hr.), 48 hr., 72 hr.
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

ORIGINAL COPY

APPENDIX D
Photographic Documentation

TETRA TECH, INC. PROJECT NO. 212C-MD-02337	DESCRIPTION	View north. Initial Remedial activities in the central release area.	1
	SITE NAME	EVGSAU 3332-519 Flowline Release	10/28/2020

TETRA TECH, INC. PROJECT NO. 212C-MD-02337	DESCRIPTION	View south. Continued remediation in central portion of release footprint.	2
	SITE NAME	EVGSAU 3332-519 Flowline Release	10/30/2020

TETRA TECH, INC. PROJECT NO. 212C-MD-02337	DESCRIPTION	View south. Hammer hoe at work in eastern portion of the excavated release area.	3
	SITE NAME	EVGSAU 3332-519 Flowline Release	11/05/2020

TETRA TECH, INC. PROJECT NO. 212C-MD-02337	DESCRIPTION	View northeast from southwestern corner of excavated release area.	4
	SITE NAME	EVGSAU 3332-519 Flowline Release	11/06/2020

TETRA TECH, INC. PROJECT NO. 212C-MD-02337	DESCRIPTION	View west. Excavated areas at steel surface lines.	5
	SITE NAME	EVGSAU 3332-519 Flowline Release	11/06/2020

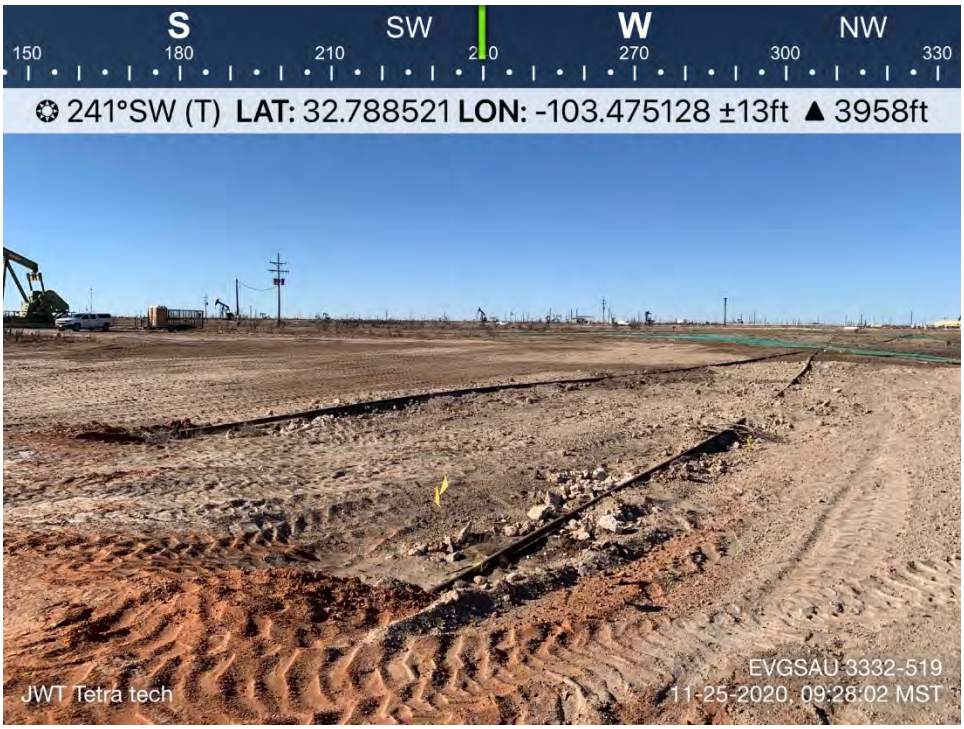
TETRA TECH, INC. PROJECT NO. 212C-MD-02337	DESCRIPTION	View northwest. Release area excavation progress.	6
	SITE NAME	EVGSAU 3332-519 Flowline Release	11/09/2020

TETRA TECH, INC. PROJECT NO. 212C-MD-02337	DESCRIPTION	View west. Steel surface lines running across the excavated release area.	7
	SITE NAME	EVGSAU 3332-519 Flowline Release	11/16/2020

TETRA TECH, INC. PROJECT NO. 212C-MD-02337	DESCRIPTION	View east. Remedial activities in the release area.	8
	SITE NAME	EVGSAU 3332-519 Flowline Release	11/18/2020

TETRA TECH, INC. PROJECT NO. 212C-MD-02337	DESCRIPTION	View west. Interior excavated areas at steel surface lines.	9
	SITE NAME	EVGSAU 3332-519 Flowline Release	11/23/2020

TETRA TECH, INC. PROJECT NO. 212C-MD-02337	DESCRIPTION	View northeast. Release area following backfilling and grading.	10
	SITE NAME	EVGSAU 3332-519 Flowline Release	11/25/2020



TETRA TECH, INC. PROJECT NO. 212C-MD-02337	DESCRIPTION	View southwest. Release area following backfilling and grading.	11
	SITE NAME	EVGSAU 3332-519 Flowline Release	11/25/2020

TETRA TECH, INC. PROJECT NO. 212C-MD-02337	DESCRIPTION	View east. Release area near surface lines following backfilling and grading.	12
	SITE NAME	EVGSAU 3332-519 Flowline Release	11/25/2020

APPENDIX E
Waste Manifests

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	1
Manif. Date:	11/2/2020
Hauler:	MCNABB PARTNERS
Driver	ACIE
Truck #	M80
Card #	
Job Ref #	

Ticket #:	700-1173449
Bid #:	O6UJ9A0009Z1
Date:	11/2/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	2
Manif. Date:	11/2/2020
Hauler:	MCNABB PARTNERS
Driver	JOE
Truck #	M81
Card #	
Job Ref #	

Ticket #:	700-1173450
Bid #:	O6UJ9A0009Z1
Date:	11/2/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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

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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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	3
Manif. Date:	11/2/2020
Hauler:	MCNABB PARTNERS
Driver	GUMER
Truck #	M32
Card #	
Job Ref #	

Ticket #:	700-1173455
Bid #:	O6UJ9A0009Z1
Date:	11/2/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

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

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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 wast

_ 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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	4
Manif. Date:	11/2/2020
Hauler:	MCNABB PARTNERS
Driver	JESUS
Truck #	M31
Card #	
Job Ref #	

Ticket #:	700-1173456
Bid #:	O6UJ9A0009Z1
Date:	11/2/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

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

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	5
Manif. Date:	11/2/2020
Hauler:	MCNABB PARTNERS
Driver	MELINDA
Truck #	M02
Card #	
Job Ref #	

Ticket #:	700-1173457
Bid #:	O6UJ9A0009Z1
Date:	11/2/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	10.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	6
Manif. Date:	11/2/2020
Hauler:	MCNABB PARTNERS
Driver	ACIE
Truck #	M80
Card #	
Job Ref #	

Ticket #:	700-1173464
Bid #:	O6UJ9A0009Z1
Date:	11/2/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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 wast

__ 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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	7
Manif. Date:	11/2/2020
Hauler:	MCNABB PARTNERS
Driver	JOE
Truck #	M81
Card #	
Job Ref #	

Ticket #:	700-1173466
Bid #:	O6UJ9A0009Z1
Date:	11/2/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity	Units
Contaminated Soil (RCRA Exempt)	20.00	yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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

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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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	8
Manif. Date:	11/2/2020
Hauler:	MCNABB PARTNERS
Driver	JOE
Truck #	M81
Card #	
Job Ref #	

Ticket #:	700-1173489
Bid #:	O6UJ9A0009Z1
Date:	11/2/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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 wast

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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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	9
Manif. Date:	11/2/2020
Hauler:	MCNABB PARTNERS
Driver	JOE
Truck #	M81
Card #	
Job Ref #	

Ticket #:	700-1173512
Bid #:	O6UJ9A0009Z1
Date:	11/2/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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

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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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	10
Manif. Date:	11/3/2020
Hauler:	MCNABB PARTNERS
Driver	JOE
Truck #	M81
Card #	
Job Ref #	

Ticket #:	700-1173586
Bid #:	O6UJ9A0009Z1
Date:	11/3/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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

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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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	11
Manif. Date:	11/3/2020
Hauler:	MCNABB PARTNERS
Driver	JOE
Truck #	M81
Card #	
Job Ref #	

Ticket #:	700-1173608
Bid #:	O6UJ9A0009Z1
Date:	11/3/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity	Units
Contaminated Soil (RCRA Exempt)	20.00	yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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 wast

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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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	12
Manif. Date:	11/3/2020
Hauler:	MCNABB PARTNERS
Driver	JOE
Truck #	M81
Card #	
Job Ref #	

Ticket #:	700-1173666
Bid #:	O6UJ9A0009Z1
Date:	11/3/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	13
Manif. Date:	11/3/2020
Hauler:	MCNABB PARTNERS
Driver	JOE
Truck #	M81
Card #	
Job Ref #	

Ticket #:	700-1173630
Bid #:	O6UJ9A0009Z1
Date:	11/3/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

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11/3/2020 1:34:01PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	14
Manif. Date:	11/3/2020
Hauler:	MCNABB PARTNERS
Driver	ACIE
Truck #	M80
Card #	
Job Ref #	

Ticket #:	700-1173665
Bid #:	O6UJ9A0009Z1
Date:	11/3/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	15
Manif. Date:	11/3/2020
Hauler:	MCNABB PARTNERS
Driver	ACIE
Truck #	M80
Card #	
Job Ref #	

Ticket #:	700-1173632
Bid #:	O6UJ9A0009Z1
Date:	11/3/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JUSTIN WRIGHT
AFE #:	
PO #:	
Manifest #:	16
Manif. Date:	11/4/2020
Hauler:	MCNABB PARTNERS
Driver	ACIE
Truck #	M80
Card #	
Job Ref #	

Ticket #:	700-1173740
Bid #:	O6UJ9A0009Z1
Date:	11/4/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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 wast

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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: _____

t6UJ9A01GHLM 11/4/2020 8:53:13AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JUSTIN WRIGHT
AFE #:	
PO #:	
Manifest #:	17
Manif. Date:	11/4/2020
Hauler:	MCNABB PARTNERS
Driver	JOE
Truck #	M81
Card #	
Job Ref #	

Ticket #:	700-1173741
Bid #:	O6UJ9A0009Z1
Date:	11/4/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JUSTIN WRIGHT
AFE #:	
PO #:	
Manifest #:	18
Manif. Date:	11/4/2020
Hauler:	MCNABB PARTNERS
Driver	JOE
Truck #	N81
Card #	
Job Ref #	

Ticket #:	700-1173766
Bid #:	O6UJ9A0009Z1
Date:	11/4/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1173763
Customer #:	CRI2190	Bid #:	O6UJ9A0009Z1
Ordered by:	JUSTIN WRIGHT	Date:	11/4/2020
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	19	Well Ser. #:	999908
Manif. Date:	11/4/2020	Well Name:	EVGSAU 3332
Hauler:	MCNABB PARTNERS	Well #:	519
Driver	ACIE	Field:	
Truck #	N80	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

t6UJ9A01GHP7

11/4/2020 11:21:33AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JUSTIN WRIGHT
AFE #:	
PO #:	
Manifest #:	20
Manif. Date:	11/4/2020
Hauler:	MCNABB PARTNERS
Driver	ACIE
Truck #	M80
Card #	
Job Ref #	

Ticket #:	700-1173792
Bid #:	O6UJ9A0009Z1
Date:	11/4/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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 wast

_ 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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JUSTIN WRIGHT
AFE #:	
PO #:	
Manifest #:	21
Manif. Date:	11/4/2020
Hauler:	MCNABB PARTNERS
Driver	JOE
Truck #	M81
Card #	
Job Ref #	

Ticket #:	700-1173795
Bid #:	O6UJ9A0009Z1
Date:	11/4/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOE TYLER
AFE #:	
PO #:	
Manifest #:	22
Manif. Date:	11/5/2020
Hauler:	MCNABB PARTNERS
Driver	ACIE
Truck #	M80
Card #	
Job Ref #	

Ticket #:	700-1173905
Bid #:	O6UJ9A0009Z1
Date:	11/5/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

t6UJ9A01GI3H 11/5/2020 9:06:23AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOE TAYLOR
AFE #:	
PO #:	
Manifest #:	23
Manif. Date:	11/5/2020
Hauler:	MCNABB PARTNERS
Driver	JOE
Truck #	M81
Card #	
Job Ref #	

Ticket #:	700-1173906
Bid #:	O6UJ9A0009Z1
Date:	11/5/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOE TAYLOR
AFE #:	
PO #:	
Manifest #:	24
Manif. Date:	11/5/2020
Hauler:	MCNABB PARTNERS
Driver	ACIE
Truck #	M80
Card #	
Job Ref #	

Ticket #:	700-1173919
Bid #:	O6UJ9A0009Z1
Date:	11/5/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOE TAYLOR
AFE #:	
PO #:	
Manifest #:	25
Manif. Date:	11/5/2020
Hauler:	MCNABB PARTNERS
Driver	JOE
Truck #	M81
Card #	
Job Ref #	

Ticket #:	700-1173920
Bid #:	O6UJ9A0009Z1
Date:	11/5/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOE TAYLOR
AFE #:	
PO #:	
Manifest #:	26
Manif. Date:	11/5/2020
Hauler:	MCNABB PARTNERS
Driver	ACIE
Truck #	M80
Card #	
Job Ref #	

Ticket #:	700-1173960
Bid #:	O6UJ9A0009Z1
Date:	11/5/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

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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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOE TAYLOR
AFE #:	
PO #:	
Manifest #:	27
Manif. Date:	11/5/2020
Hauler:	MCNABB PARTNERS
Driver	JOE
Truck #	M81
Card #	
Job Ref #	

Ticket #:	700-1173961
Bid #:	O6UJ9A0009Z1
Date:	11/5/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

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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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOE TAYLOR
AFE #:	
PO #:	
Manifest #:	28
Manif. Date:	11/6/2020
Hauler:	MCNABB PARTNERS
Driver	ACIE
Truck #	M80
Card #	
Job Ref #	

Ticket #:	700-1174056
Bid #:	O6UJ9A0009Z1
Date:	11/6/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

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Approved By: _____ Date: _____

t6UJ9A01GIP3 11/6/2020 8:43:52AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1174057
Customer #:	CRI2190	Bid #:	O6UJ9A0009Z1
Ordered by:	JOE TAYLOR	Date:	11/6/2020
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	29	Well Ser. #:	999908
Manif. Date:	11/6/2020	Well Name:	EVGSAU 3332
Hauler:	MCNABB PARTNERS	Well #:	519
Driver	JOE	Field:	
Truck #	M81	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

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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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1174123
Customer #:	CRI2190	Bid #:	O6UJ9A0009Z1
Ordered by:	JOE TAYLOR	Date:	11/6/2020
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	30	Well Ser. #:	999908
Manif. Date:	11/6/2020	Well Name:	EVGSAU 3332
Hauler:	MCNABB PARTNERS	Well #:	519
Driver	ACIE	Field:	
Truck #	M80	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

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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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOE TAYLOR
AFE #:	
PO #:	
Manifest #:	31
Manif. Date:	11/6/2020
Hauler:	MCNABB PARTNERS
Driver	JOE
Truck #	M81
Card #	
Job Ref #	

Ticket #:	700-1174126
Bid #:	O6UJ9A0009Z1
Date:	11/6/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	32
Manif. Date:	11/9/2020
Hauler:	MCNABB PARTNERS
Driver	FRANKIE
Truck #	M83
Card #	
Job Ref #	

Ticket #:	700-1174435
Bid #:	O6UJ9A0009Z1
Date:	11/9/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity	Units
Contaminated Soil (RCRA Exempt)	20.00	yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1174438
Customer #:	CRI2190	Bid #:	O6UJ9A0009Z1
Ordered by:	MARVIN SORIWEI	Date:	11/9/2020
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	33	Well Ser. #:	999908
Manif. Date:	11/9/2020	Well Name:	EVGSAU 3332
Hauler:	MCNABB PARTNERS	Well #:	519
Driver	DANIEL	Field:	
Truck #	M79	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	34
Manif. Date:	11/9/2020
Hauler:	MCNABB PARTNERS
Driver	FRANKIE
Truck #	M83
Card #	
Job Ref #	

Ticket #:	700-1174457
Bid #:	O6UJ9A0009Z1
Date:	11/9/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

t6UJ9A01GJPA

11/9/2020 12:09:15PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	35
Manif. Date:	11/9/2020
Hauler:	MCNABB PARTNERS
Driver	DANIEL
Truck #	M79
Card #	
Job Ref #	

Ticket #:	700-1174460
Bid #:	O6UJ9A0009Z1
Date:	11/9/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0			2.00			

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:

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	36
Manif. Date:	11/9/2020
Hauler:	MCNABB PARTNERS
Driver	FRANKIE
Truck #	M83
Card #	
Job Ref #	

Ticket #:	700-1174494
Bid #:	O6UJ9A0009Z1
Date:	11/9/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	37
Manif. Date:	11/9/2020
Hauler:	MCNABB PARTNERS
Driver	DANIEL
Truck #	M79
Card #	
Job Ref #	

Ticket #:	700-1174496
Bid #:	O6UJ9A0009Z1
Date:	11/9/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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

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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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	38
Manif. Date:	11/10/2020
Hauler:	MCNABB PARTNERS
Driver	JOHN
Truck #	M81
Card #	
Job Ref #	

Ticket #:	700-1174664
Bid #:	O6UJ9A0009Z1
Date:	11/10/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	39
Manif. Date:	11/10/2020
Hauler:	MCNABB PARTNERS
Driver	JOHN
Truck #	M81
Card #	
Job Ref #	

Ticket #:	700-1174694
Bid #:	O6UJ9A0009Z1
Date:	11/10/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	40
Manif. Date:	11/10/2020
Hauler:	MCNABB PARTNERS
Driver	JOHN
Truck #	M81
Card #	
Job Ref #	

Ticket #:	700-1174766
Bid #:	O6UJ9A0009Z1
Date:	11/10/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	41
Manif. Date:	11/11/2020
Hauler:	MCNABB PARTNERS
Driver	JOHN
Truck #	M81
Card #	
Job Ref #	

Ticket #:	700-1174881
Bid #:	O6UJ9A0009Z1
Date:	11/11/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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

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Approved By: _____ Date: _____

t6UJ9A01GKLX

11/11/2020 9:00:56AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	42
Manif. Date:	11/11/2020
Hauler:	MCNABB PARTNERS
Driver	JOHN
Truck #	M81
Card #	
Job Ref #	

Ticket #:	700-1174928
Bid #:	O6UJ9A0009Z1
Date:	11/11/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

t6UJ9A01GKQW

11/11/2020 12:12:03PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	~~73~~43
Manif. Date:	11/11/2020
Hauler:	MCNABB PARTNERS
Driver	JOHN
Truck #	M81
Card #	
Job Ref #	

Ticket #:	700-1174982
Bid #:	O6UJ9A0009Z1
Date:	11/11/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

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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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1175082
Customer #:	CRI2190	Bid #:	O6UJ9A0009Z1
Ordered by:	MATTHEW CONTREJON	Date:	11/12/2020
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	999908
Manif. Date:	11/12/2020	Well Name:	EVGSAU 3332
Hauler:	MCNABB PARTNERS	Well #:	519
Driver	ACIE	Field:	
Truck #	N80	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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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Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	45
Manif. Date:	11/12/2020
Hauler:	MCNABB PARTNERS
Driver	ACIE
Truck #	M80
Card #	
Job Ref #	

Ticket #:	700-1175100
Bid #:	O6UJ9A0009Z1
Date:	11/12/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOE TYLER
AFE #:	
PO #:	
Manifest #:	46
Manif. Date:	11/12/2020
Hauler:	MCNABB PARTNERS
Driver	ACIE
Truck #	M80
Card #	
Job Ref #	

Ticket #:	700-1175132
Bid #:	O6UJ9A0009Z1
Date:	11/12/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOE TYLER
AFE #:	
PO #:	
Manifest #:	47
Manif. Date:	11/13/2020
Hauler:	MCNABB PARTNERS
Driver	GUMER
Truck #	M32
Card #	
Job Ref #	

Ticket #:	700-1175282
Bid #:	O6UJ9A0009Z1
Date:	11/13/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

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

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOE TYLER
AFE #:	
PO #:	
Manifest #:	48
Manif. Date:	11/13/2020
Hauler:	MCNABB PARTNERS
Driver	GUMER
Truck #	M32
Card #	
Job Ref #	

Ticket #:	700-1175316
Bid #:	O6UJ9A0009Z1
Date:	11/13/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

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

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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 wast

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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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	49
Manif. Date:	11/16/2020
Hauler:	MCNABB PARTNERS
Driver	ACIE
Truck #	M80
Card #	
Job Ref #	

Ticket #:	700-1175723
Bid #:	O6UJ9A0009Z1
Date:	11/16/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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 wast

_ 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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	50
Manif. Date:	11/17/2020
Hauler:	MCNABB PARTNERS
Driver	JOE
Truck #	M81
Card #	
Job Ref #	

Ticket #:	700-1175987
Bid #:	O6UJ9A0009Z1
Date:	11/17/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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

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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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	51
Manif. Date:	11/17/2020
Hauler:	MCNABB PARTNERS
Driver	GUMER
Truck #	M32
Card #	
Job Ref #	

Ticket #:	700-1175986
Bid #:	O6UJ9A0009Z1
Date:	11/17/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

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

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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

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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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	52
Manif. Date:	11/17/2020
Hauler:	MCNABB PARTNERS
Driver	JOE
Truck #	M81
Card #	
Job Ref #	

Ticket #:	700-1176046
Bid #:	O6UJ9A0009Z1
Date:	11/17/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0			3.00			

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:

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	53
Manif. Date:	11/17/2020
Hauler:	MCNABB PARTNERS
Driver	GUMER
Truck #	M32
Card #	
Job Ref #	

Ticket #:	700-1176045
Bid #:	O6UJ9A0009Z1
Date:	11/17/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

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

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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 wast

_ 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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	54
Manif. Date:	11/17/2020
Hauler:	MCNABB PARTNERS
Driver	JESUS
Truck #	M31
Card #	
Job Ref #	

Ticket #:	700-1176089
Bid #:	O6UJ9A0009Z1
Date:	11/17/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

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

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0					0	

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	55
Manif. Date:	11/17/2020
Hauler:	MCNABB PARTNERS
Driver	GUMER
Truck #	M32
Card #	
Job Ref #	

Ticket #:	700-1176097
Bid #:	O6UJ9A0009Z1
Date:	11/17/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

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

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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

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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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	56
Manif. Date:	11/17/2020
Hauler:	MCNABB PARTNERS
Driver	JOE
Truck #	M81
Card #	
Job Ref #	

Ticket #:	700-1176099
Bid #:	O6UJ9A0009Z1
Date:	11/17/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1176222
Customer #:	CRI2190	Bid #:	O6UJ9A0009Z1
Ordered by:	MARVIN SORIWEI	Date:	11/18/2020
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	57	Well Ser. #:	999908
Manif. Date:	11/18/2020	Well Name:	EVGSAU 3332
Hauler:	MCNABB PARTNERS	Well #:	519
Driver	GUMER	Field:	
Truck #	M32	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

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

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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

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Approved By: _____ Date: _____

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11/18/2020 8:56:56AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	58
Manif. Date:	11/18/2020
Hauler:	MCNABB PARTNERS
Driver	JESUS
Truck #	M31
Card #	
Job Ref #	

Ticket #:	700-1176223
Bid #:	O6UJ9A0009Z1
Date:	11/18/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

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

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	59
Manif. Date:	11/18/2020
Hauler:	MCNABB PARTNERS
Driver	GUMER
Truck #	M32
Card #	
Job Ref #	

Ticket #:	700-1176295
Bid #:	O6UJ9A0009Z1
Date:	11/18/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

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

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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

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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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	60
Manif. Date:	11/18/2020
Hauler:	MCNABB PARTNERS
Driver	JESUS
Truck #	M31
Card #	
Job Ref #	

Ticket #:	700-1176299
Bid #:	O6UJ9A0009Z1
Date:	11/18/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

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

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	61
Manif. Date:	11/20/2020
Hauler:	MCNABB PARTNERS
Driver	ACIE
Truck #	M80
Card #	
Job Ref #	

Ticket #:	700-1176732
Bid #:	O6UJ9A0009Z1
Date:	11/20/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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

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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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	62
Manif. Date:	11/20/2020
Hauler:	MCNABB PARTNERS
Driver	GUMER
Truck #	M32
Card #	
Job Ref #	

Ticket #:	700-1176733
Bid #:	O6UJ9A0009Z1
Date:	11/20/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

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

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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 wast

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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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer: CONOCOPHILLIPS
Customer #: CRI2190
Ordered by: JOE TYLER
AFE #:
PO #:
Manifest #: 63
Manif. Date: 11/20/2020
Hauler: MCNABB PARTNERS
Driver MELINDA
Truck # M02
Card #
Job Ref #

Ticket #: 700-1176734
Bid #: O6UJ9A0009Z1
Date: 11/20/2020
Generator: CONOCOPHILLIPS
Generator #:
Well Ser. #: 999908
Well Name: EVGSAU 3332
Well #: 519
Field:
Field #:
Rig: NON-DRILLING
County LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	10.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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 wast

__ 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

Melinda Montes

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01GOSP

11/20/2020 12:46:43PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOE TYLER
AFE #:	
PO #:	
Manifest #:	63
Manif. Date:	11/23/2020
Hauler:	MCNABB PARTNERS
Driver	MELINDA
Truck #	M02
Card #	
Job Ref #	

Ticket #:	700-1177482
Bid #:	O6UJ9A0009Z1
Date:	11/23/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	10.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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

Melinda Montes

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOE TYLER
AFE #:	
PO #:	
Manifest #:	64
Manif. Date:	11/23/2020
Hauler:	MCNABB PARTNERS
Driver	ACIE
Truck #	M80
Card #	
Job Ref #	

Ticket #:	700-1177403
Bid #:	O6UJ9A0009Z1
Date:	11/23/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

t6UJ9A01GQ43

11/23/2020 11:35:44AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOE TYLER
AFE #:	
PO #:	
Manifest #:	65
Manif. Date:	11/23/2020
Hauler:	MCNABB PARTNERS
Driver	JESUS
Truck #	M31
Card #	
Job Ref #	

Ticket #:	700-1177479
Bid #:	O6UJ9A0009Z1
Date:	11/23/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

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

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0			2.00			

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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_ 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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1177464
Customer #:	CRI2190	Bid #:	O6UJ9A0009Z1
Ordered by:	MARVIN SORIWEI	Date:	11/23/2020
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	66	Well Ser. #:	42115
Manif. Date:	11/23/2020	Well Name:	EAST VACUUM GSA UNIT
Hauler:	MCNABB PARTNERS	Well #:	519
Driver	AC	Field:	
Truck #	80	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	MARVIN SORIWEI
AFE #:	
PO #:	
Manifest #:	67
Manif. Date:	11/23/2020
Hauler:	MCNABB PARTNERS
Driver	AC
Truck #	80
Card #	
Job Ref #	

Ticket #:	700-1177501
Bid #:	O6UJ9A0009Z1
Date:	11/23/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	42115
Well Name:	EAST VACUUM GSA UNIT
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

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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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOE TYLER
AFE #:	
PO #:	
Manifest #:	69
Manif. Date:	11/24/2020
Hauler:	MCNABB PARTNERS
Driver	JESUS
Truck #	M31
Card #	
Job Ref #	

Ticket #:	700-1177809
Bid #:	O6UJ9A0009Z1
Date:	11/24/2020
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	999908
Well Name:	EVGSAU 3332
Well #:	519
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

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

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

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Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1177806
Customer #:	CRI2190	Bid #:	O6UJ9A0009Z1
Ordered by:	JOE TYLER	Date:	11/24/2020
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	70	Well Ser. #:	999908
Manif. Date:	11/24/2020	Well Name:	EVGSAU 3332
Hauler:	MCNABB PARTNERS	Well #:	519
Driver	GUMER	Field:	
Truck #	M32	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

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

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

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Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

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Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1177813
Customer #:	CRI2190	Bid #:	O6UJ9A0009Z1
Ordered by:	JOE TYLER	Date:	11/24/2020
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	71	Well Ser. #:	999908
Manif. Date:	11/24/2020	Well Name:	EVGSAU 3332
Hauler:	MCNABB PARTNERS	Well #:	519
Driver	FRANKIE	Field:	
Truck #	M83	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

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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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1177832
Customer #:	CRI2190	Bid #:	O6UJ9A0009Z1
Ordered by:	MARVIN SORIWEI	Date:	11/24/2020
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	72	Well Ser. #:	42115
Manif. Date:	11/24/2020	Well Name:	EAST VACUUM GSA UNIT
Hauler:	MCNABB PARTNERS	Well #:	519
Driver	DANIEL	Field:	
Truck #	79	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

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Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

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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 16703

CONDITIONS OF APPROVAL

Operator:			OGRID:	Action Number:	Action Type:
CONOCOPHILLIPS COMPANY	600 W. Illinois Avenue	Midland, TX79701	217817	16703	C-141

OCD Reviewer	Condition
ceads	None