Page 6

Incident ID	NRM1935733118
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: <u>5/21/2021</u> email: marvin.soriwei@conocophillips.com Telephone: 8324862730 **OCD Only** Received by: Chad Hensley Date: 08/04/2021 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. Child #/end_____ Date: 08/04/2021 Closure Approved by: Printed Name: Chad Hensley Title: Environmental Specialist Advanced

	Report	Type: Clos	ure Report	NRM19	935733118								
General Site Infor	rmation:												
Site:		EVGSAU 2437-0	01 Flowline Rel	ease (near l	EVGSAU Satellite #1 Facility)								
Company:		ConocoPhillips	ConocoPhillips										
Section, Townshi	ip and Range	ge Unit Letter I&J Sec. 19 T 17S R 35 E											
Lease Number:		Associated API	ssociated API No. 30-025-02086										
County:		Lea	Lea										
GPS:			32.818100°		-103.492854°								
Surface Owner:		State											
Mineral Owner:		State		C Marria Ct	and E Manhand Dhud (U.C. 60/U.C. 400)	45							
Directions:		Depart from Hob	ost Head toward	S Morris St	on E Mariand Bivd (US-62/US-180).	15							
		238) Co 9.5 mile	onio NM-529. G s. Take a right	0 2.4 miles. Travel on les	Turri right onto State Fighway 236 (Ni	IVI-							
		Satellite #1 Facili	ity. Release area	site is 200' of	southeast of Satellite #1								
			ity. 11010430 alba	5110 13 200 3									
Balassa Data													
Release Dala.		10/20/2010											
Dale Released. Type Poloase:		10/29/2019 Produced Water/											
Source of Contam	ination:	Flowline leak											
Fluid Released		23 hhl											
Fluids Recovered:		10 bbl											
Official Communi	ication:												
Name:	Marvin Soriwei				Christian M. Llull								
Company:	Conoco Phillips - R	MR			Tetra Tech								
Address:	935 N. Eldridge Pkv	vy.			8911 North Capital of Texas Highway								
		·			Building 2, Suite 2310								
City:	Houston, Texas 770)79			Austin, Texas								
, Phone number [.]	(832) 486-2730				(512) 338-2861								
Fax:	(002) 100 2100												
Email:	marvin.soriwei@c	onocophillips.com	1		christian.llull@tetratech.com								

Site Characterization	
Shallowest Depth to Groundwater:	73' 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 lak	No
Extents within 300 feet of an occupied structure:	No
Extents within 500 horizontal feet of a private water well:	No
Extents within 1000 feet of any water well or spring:	No
Extents within incorporated municipal well field:	No
Extents within 300 feet of a wetland:	No
Extents overlying a subsurface mine:	No
Karst Potential:	Low
Extents within a 100-year floodplain:	No
Impact to areas not on a production site:	No

Recommended Remedial Action Levels (RRALs)										
Benzene	Total BTEX	TPH (GRO+DRO)	TPH (GRO+DRO+MRO)	Chlorides						
10 mg/kg	50 mg/kg	1,000 mg/kg	2,500 mg/kg	10,000 mg/kg						



May 24, 2021

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

Re: Closure Report ConocoPhillips EVGSAU 2437-001 Flowline Release (near EVGSAU Satellite #1 Facility) Unit Letters I and J, Section 19, Township 17 South, Range 35 East Lea County, New Mexico Incident ID# NRM1935733118

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips (COP) to assess a release that occurred from the flowline of the East Vacuum Grayburg-San Andres Unit (EVGSAU) 2437-001 well (API No. 30-025-02086). The release point is located on the EVGSAU 2437-001 flowline, approximately 200 feet southeast of the EVGSAU Satellite #1 facility. The well is located approximately 1.2 miles west-southwest of the release footprint, thus within the C-141 the "Site Name" is listed as Satellite #1. The release footprint is located in Public Land Survey System (PLSS) Unit Letters I and J, Section 19, Township 17 South, Range 35 East, in Lea County, New Mexico (Site). The approximate release point occurred at coordinates 32.818100°, -103.492854°, as shown on Figures 1 and 2.

BACKGROUND

According to the State of New Mexico C-141 Initial Report (Attachment A), the release was discovered on October 29, 2019 while COP personnel were inspecting the adjacent EVGSAU Satellite #1. Approximately 22.4 barrels (bbls) of produced water and 0.6 bbls of oil were reported released, of which 9.7 bbls of produced water and 0.3 bbls of oil were recovered. The New Mexico Oil Conservation District (NMOCD) received the C-141 report form for the release on November 4, 2019. The NMOCD Incident ID for this release is NRM1935733118.

SITE CHARACTERIZATION

A site characterization was performed and no water bodies, sinkholes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, 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, which further decreases the risk for contaminant migration from soil to groundwater.

The Site is within a New Mexico oil and gas production area. According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there are no water wells within a ½ mile (800-meter) radius of the Site. There are seven (7) water wells within a 3/4-mile (1200-meter) radius with an average depth

to groundwater at 73 feet (ft.) below ground surface (bgs). The site characterization data is included in Appendix B.

REGULATORY FRAMEWORK

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

Based on the site characterization and in accordance with Table I of 19.15.29.12 NMAC, the remediation RRALs for the Site are as follows:

Constituent	Site RRALs
Chloride	10,000 mg/kg
TPH	2,500 mg/kg
BTEX	50 mg/kg

Additionally, in accordance with the NMOCD guidance *Procedures for Implementation of the Spill Rule* (19.15.29 NMAC) (September 6, 2019), the following reclamation requirements for surface soils (0-4 ft bgs) outside of active oil and gas operations are as follows:

Constituent	Reclamation Requirements
Chloride	600 mg/kg
TPH	100 mg/kg
BTEX	50 mg/kg

INITIAL RESPONSE AND SITE ASSESSMENT

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 initial remedial response and assessment of the impacted area in late 2019. The release extent was initially identified as an area along the flowline that extends from the EVGSAU 2437-001 lease pad to the EVGSAU Satellite #1 facility. The release point is located approximately 200 feet southeast of the flowline header at the Satellite facility. The visibly impacted soil in the release footprint was excavated by COP personnel with heavy equipment to approximately 1.5 feet bgs. Figure 3 depicts the release extent and the excavated area. Visibly impacted soil was excavated from an area equaling approximately 1,400 square feet during initial response activities.

In December of 2019, following initial response activities, COP collected twenty-four (24) soil samples from fifteen (15) locations within and surrounding the excavation area. Sample locations included both vertical assessment and confirmation sidewall locations. Sample locations are shown on Figure 3. These soil samples were sent to Cardinal Laboratories in Hobbs, New Mexico and analyzed for chloride via EPA Method SM45000CI-B, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B.

The results of the initial assessment sampling event are summarized in Table 1. Analytical results associated with nine (9) of the soil samples exceeded the reclamation requirement of 600 mg/kg for chloride from 0-4 feet bgs. 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. In addition, analytical results associated with the SP#5 location exceeded the TPH RRAL of 2,500 mg/kg at a depth of 5 feet bgs. Analytical results associated with sidewall sample locations Wall #5 and Wall #6 exceeded the Total BTEX RRAL of 50 mg/kg. All other sample results were below the Site RRALs for BTEX. Analytical results from the BG#1 through BG#4 provide north and south horizontal delineation of the release extent.

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ADDITIONAL SITE ASSESSMENT AND SAMPLING RESULTS

On March 11, 2020, Tetra Tech visited the release Site to visually inspect the release area, assess current conditions, and map the excavated extents from the initial response activities. The approximate release extent, analytical data and sample locations were provided to Tetra Tech prior to the site visit. During the visit, an approximate 60-ft by 30-ft area was observed to have been excavated to roughly 1.5 feet below the surrounding surface grade, as shown in Figure 3.

Complete horizontal and vertical delineation of the release was not achieved during the initial response and assessment. In order to attempt to achieve horizontal and vertical delineation of the release extent, Tetra Tech personnel conducted soil sampling on July 16, 2020 on behalf of ConocoPhillips. A total of five (5) borings (BH-1 through BH-5) were installed using an air rotary drilling rig. Two (2) borings (BH-1 and BH-2) were installed within the release extent to depths of 22 and 17 feet bgs, respectively, to achieve vertical delineation. Two borings (BH-3 and BH-4) were installed along the northwest and southeast perimeter of the release extent (to the northwest and southeast, respectively) to depths of 10 feet bgs to achieve horizontal delineation. Boring BH-5 was installed further to the northwest to provide background data.

A total of twenty-eight (28) samples were collected from the five (5) borings and submitted to Pace Analytical (Pace) in Nashville, Tennessee. The samples were analyzed for chlorides via EPA Method 300.0, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B. Boring locations are shown in Figure 3.

The results of the additional assessment sampling event are summarized in Table 2. Analytical results associated with the BH-1 and BH-2 locations (drilled inside the previously excavated area) exceeded the TPH reclamation RRAL of 100 mg/kg in the uppermost 2-3' sample interval. Analytical results associated with the BH-1 (2-3') and BH-3 (2-3') exceeded the reclamation RRAL of 600 mg/kg chloride from 0-4 feet bgs. All analytical results were below the benzene and Total BTEX Site RRALs of 10 mg/kg and 50 mg/kg, respectively.

ADDITIONAL SITE DELINEATION AND SAMPLING RESULTS

To achieve additional horizontal delineation of the release extent to the west, Tetra Tech personnel returned to the Site on August 20, 2020 to conduct additional soil sampling on behalf of ConocoPhillips. A total of two (2) additional borings (BH-6 and BH-7) were installed with a hand auger to the west of boring BH-3.

A total of four (4) samples were collected and submitted to Pace and again analyzed for chlorides via EPA Method 300.0, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B. Boring locations are shown in Figure 3.

All analytical results associated with boring locations BH-6 and BH-7 were below the reclamation requirements for TPH, BTEX and chloride. Soil borings BH-1 and BH-2 vertically delineated soil impacts within the footprint of the release area. Soil borings BH-4, BH-5, BH-6 and BH-7 successfully delineated horizontal impacts to the south, east, and north. Initial assessment sample locations BG#1 through BG#4 provided north and south horizontal delineation of the release extent.

REMEDIATION WORK PLAN AND ALTERNATIVE CONFIRMATION SAMPLING PLAN

The Release Characterization Work Plan (Work Plan) was prepared by Tetra Tech on behalf of ConocoPhillips and submitted to NMOCD on November 3, 2020 with fee application payment PO Number ORQO7-201103-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 Thursday, January 21, 2021.

REMEDIATION ACTIVITIES AND CONFIRMATION SAMPLING

From March 18, 2021 through April 7, 2021, Tetra Tech personnel were onsite to supervise the remediation activities proposed in the approved Work Plan, including excavation, disposal, and confirmation sampling. 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 and the conditions thereof, 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 seven (7) floor sample locations and thirty (30) sidewall sample locations were collected during the remedial activities. Five (5) of the confirmation sidewall samples were used for field screening purposes only and were not submitted for laboratory analysis. These sample locations had field screening results inferred as being above reclamation requirements, and iterative samples were collected from the expanded excavation sidewalls and submitted for laboratory analysis. 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.

Collected confirmation samples to be submitted for analysis 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 majority of the release area and immediate area surrounding the release area was excavated to a depth 4 feet below surrounding grade. As prescribed in the Plan, the southern portion of the release extent was excavated to a depth of 5 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. In addition to the proposed remediation extent, an additional area south of the initial response excavation was determined to be impacted based on field screening and/or analytical results. This area was also excavated to a depth of 4 feet below surrounding grade.

As the analytical results associated with sample locations exceeded the reclamation requirements for chloride and/or TPH, 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 1) post-additional excavation. Thus, a total of six (6) sidewall samples were collected following the additional excavation work, and final laboratory analytical results confirmed constituents were below the established RRALs. After sampling and analysis, all final confirmation soil samples (floor and sidewall) were below the respective RRALs for chloride, BTEX, and TPH. The results of the March and April 2021 confirmation sampling events are summarized in Table 3. Excavated areas, depths and confirmation sample locations are shown in Figure 4.

All the excavated material was transported offsite for proper disposal. Approximately 547 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

ConocoPhillips

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

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

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Greg W. Pope, P.G. Program Manager

LIST OF ATTACHMENTS

Figures:

Figure 1 – Overview Map

Figure 2 – Site Location/Topographic Map

Figure 3 – Initial Response and Release Assessment

Figure 4 - Remediation Extent and Confirmation Sampling

Tables:

Table 1 – Summary of Analytical Results – Initial Soil Assessment

Table 2 – Summary of Analytical Results – Additional 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



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TABLES

TABLE 1 SUMMARY OF ANALYTICAL RESULTS INITIAL SOIL ASSESSMENT CONOCOPHILLIPS EVSGAU 2437-001 FLOWLINE RELEASE: NRM1935733118 LEA COUNTY, NM

					BTEX ²								TPH ³										
Sample ID	Sample Date	Sample Depth	Chloric	de ¹	Benzer	ne	Toluer	e	Ethylben	ene	Total Xyle	enes	Total BT	EX	GRO	1	DRO		EXT DR	0	Total TPH		
																.0	>C ₁₀ - 0	C ₂₈	>C ₂₈ -0	36			
		ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg		
SP #1	12/4/2019	2	2560		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		283		59.7		343		
		4	4000		< 0.050		0.245		1.87		3.84		5.96		62.1		726		132		858		
SP #2	12/4/2019	2	2760		< 0.050		0.205		1.28		3.55		5.03		256		12500		2590		15346		
-		4	3440		< 0.500		1.51		4.20		7.62		13.3		126		1550		303		1979		
SP #3	12/4/2019	2	2960	QM-07	< 0.050		0.721		3.48		9.02		13.2		341		18100		3480		21580		
		4	1860		< 0.050		0.887		5.60		11.7		18.2		296		4970		916		5886		
SP #4	12/4/2019	3	2840		< 0.050		0.124		0.953		2.94		4.02		207		7450		1520		9177		
51 11	12, 1,2015	5	4400		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		512		192		704		
SP #5	12/4/2019	3	3400		0.115		4.71		9.83		23.1		37.8		640		8810		1560		10370		
51 115	12/ 1/2015	5	1260		< 0.050		0.399		0.966		1.53		2.90		144		6180		1020		7200		
Wall #1	12/4/2019	~1	1360		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		89.4		60.0		149		
Wall #2	12/4/2019	~1	8000		< 0.050		< 0.050		0.058		0.155		< 0.300		10.3		109		22.2		131		
Wall #3	12/4/2019	~1	48.0	1	< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		<30.0		
Wall #4	12/4/2019	~1	1500		< 0.050		< 0.050		0.573		4.15		4.72		280		7040		1210		8250		
Wall #5	12/4/2019	~1	112.0		< 0.050		19.3		64.3		124		207		3900		36500		5710		42210		
Wall #6	12/4/2019	~1	1060		< 0.050		4.94		21.0		41.0		66.9		1080		9100		1290		10390		
		surface	16.0	1	< 0.050		< 0.050		< 0.050		< 0.150		< 0.200		< 10.0		< 10.0		< 10.0		<20.0		
BG #1	12/4/2019	2	10.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		<10.0		<10.0		<30.0		
		surface	< 16.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		<10.0		<30.0		
BG #2	12/4/2019	2 Suitace	10.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		<30.0		
		surface	16.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		<10.0		<30.0		
BG #3	12/4/2019	Surface	10.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		<30.0		
		2	46.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		10.0		10.0		10.0		<30.0		
BG #4	12/4/2019	surface	16.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		<30.0		
		2	< 16.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300		< 10.0		< 10.0		< 10.0		<30.0		

Bold and italicized values indicate exceedance of proposed RRALs

on acceptable LCS recovery.

QUALIFIERS:

Shaded rows indicate depth intervals proposed for excavation and remediation.

QM-07 The spike recovery was outside acceptance limits for MS and/or MSD. The batch was accepted based

NOTES:

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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

1 Method SM4500Cl-B

- 2 Method 8260B
- 3 Method 8015M

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Page 1 of 1

TABLE 2 SUMMARY OF ANALYTICAL RESULTS ADDITIONAL SOIL ASSESSMENT - NRM1935733118 CONOCOPHILLIPS EVGSAU 2437-001 FLOWLINE RELEASE LEA COUNTY, NM

				ing Desults				BTEX ²							TPH ³							
Sample ID	Sample Date	Sample Depth	rield Screen	ing Results	Chloride1		Ponzono		Toluono		Ethylbonzon	•	Total Vulono		Total RTEV	GRO⁴		DRO		ORO		Total TPH
Sample ib	Sample Date	interval	Chloride	PID			Benzene		roldene		Ethylbenzen	e	Total Xylene	5	TOTAL DIEX	C ₃ - C ₁₀		C ₁₀ - C ₂₈		C ₂₈ - C ₄₀		(GRO+DRO+ORO)
		ft. bgs	рр	m	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
		2-3	300	394	736		< 0.00104		< 0.00519		< 0.00260		0.00139	J	0.00139	< 0.104		347		381		728
		4-5	800	20	1080		< 0.00108		< 0.00542		< 0.00271		0.00108	J	0.00108	< 0.108		3.51	J	2.03	J	5.54
		6-7	780	0.0	754		< 0.00104		< 0.00521		< 0.00260		0.00248	J	0.00248	< 0.104		< 4.17		0.944	J	0.944
BH-1	7/16/2020	8-9	2500	0.0	3410		< 0.00108		< 0.00539		< 0.00269		< 0.00700		-	< 0.108		2.25	J	0.986	J	3.24
		11-12	2600	0.0	1210		< 0.00103		< 0.00513		< 0.00256		< 0.00667		-	< 0.103		2.70	J	1.84	J	4.54
		16-17	> 4000	0.0	5890		< 0.00125		< 0.00624		< 0.00312		< 0.00811		-	< 0.112		2.29	J	< 4.50		2.29
		21-22	450	0.0	543		< 0.00105		< 0.00526		< 0.00263		< 0.00684		-	< 0.105		3.61	J	1.67	J	5.28
		2-3	400	0.0	446		< 0.00102		< 0.00509		< 0.00254		< 0.00661		-	< 0.102		286		294		580
		4-5	800	0.0	674		< 0.00109		< 0.00543		< 0.00272		0.00696	J	0.00696	< 0.109		< 4.34		0.449	J	0.449
BH-2	7/16/2020	6-7	950	0.0	912		< 0.00106		< 0.00528		< 0.00264		< 0.00687		-	0.0372	ΒJ	< 4.23		0.552	J	0.589
5112	1/10/2020	8-9	875	0.0	846		< 0.00103		< 0.00517		0.000767	J	0.00115	J	0.00192	0.0389	ВJ	< 4.14		0.416	J	0.455
		11-12	1100	0.0	1210		< 0.00106		< 0.00530		< 0.00265		0.00332	J	0.00332	0.0391	ВJ	< 4.24		0.791	J	0.830
		16-17	150	0.0	160		< 0.00110		< 0.00548		< 0.00274		< 0.00712		-	0.0345	ΒJ	< 4.38		0.438	J	0.473
		0-1	190	0.0	15.1	J	< 0.00108		< 0.00542		< 0.00271		0.00258	J	0.00258	0.0312	ΒJ	2.49	J	7.31		9.83
		2-3	380	0.0	684		< 0.00105		< 0.00526		< 0.00263		< 0.00683		-	0.0472	ΒJ	< 4.20		2.84	J	2.89
BH-3	7/16/2020	4-5	110	0.0	72.7		< 0.00103		< 0.00514		< 0.00257		0.00117	J	0.00117	0.0394	ΒJ	< 4.11		1.52	J	1.56
		6-7	88	0.0	103		< 0.00100		< 0.00502		< 0.00251		0.00130	J	0.00130	0.0418	ВJ	2.01	J	4.29		6.34
		9-10	73	0.0	80.9		< 0.00107		< 0.00534		< 0.00267		0.00124	J	0.00124	0.0409	ВJ	< 4.27		2.15	J	2.19
		0-1	50	0.0	< 20.4		< 0.00102		< 0.00511		0.000784	J	< 0.00664		0.000784	0.0415	ΒJ	10.2		30.3		40.5
		2-3	40	0.0	45.9		< 0.00101		< 0.00507		< 0.00253		< 0.00659		-	0.0392	ΒJ	3.22	J	4.42		7.68
BH-4	7/16/2020	4-5	160	0.0	177		< 0.00104		< 0.00520		< 0.00260		< 0.00676		-	0.0379	ΒJ	< 4.16		< 4.16		0.0379
		6-7	94	0.0	115		< 0.00106		< 0.00528		< 0.00264		< 0.00686		-	0.0370	ΒJ	< 4.22		< 4.22		0.0370
		9-10	60	0.0	74.4		< 0.00107		< 0.00537		< 0.00269		< 0.00698		-	0.0423	ΒJ	< 4.30		< 4.30		0.0423
	1	0-1	190	0.0	24.5		< 0.00107	1	< 0.00537		< 0.00269		< 0.00699		-	0.0349	ΒJ	< 4.30		0.894	J	0.929
		2-3	56	0.0	27.4		< 0.00102		< 0.00509		< 0.00255		< 0.00662		-	0.0373	ВJ	< 4.07		< 4.07		0.0373
BH-5	7/16/2020	4-5	60	0.0	14.8	J	< 0.00103		< 0.00517		< 0.00258		< 0.00672		-	0.0635	ΒJ	< 4.13		< 4.13		0.0635
		6-7	60	0.0	< 20.5		< 0.00103		< 0.00513		< 0.00256		< 0.00667		-	0.0352	ΒJ	< 4.10		< 4.10		0.0352
		9-10	34	0.0	< 20.9		< 0.00105		< 0.00523		< 0.00262		< 0.00680		-	0.0350	ΒJ	< 4.18		< 4.18		0.0350
		0-1	-	-	10.6	J	< 0.00112	Π	< 0.00559		< 0.00280		< 0.00727		-	< 0.106		7.47		17.8		25.3
BH-6	8/19/2020	2-3	-	-	96.3		< 0.00182	1	< 0.00911		< 0.00455	1	< 0.0118		-	< 0.141		10.1		< 5.64		10.1
		0-1	-	-	< 27.5		< 0.00176		< 0.00878		< 0.00439		< 0.0114		-	< 0.138		3.40	J	< 5.51		3.40
BH-7	8/19/2020	2-3		-	< 28.6		< 0.00186	\vdash	< 0.00929		< 0.00464		< 0.0121		-	< 0.143		2.63	J	< 5.71		2.63

NOTES: bgs

Released to Imaging: 8/4/2021 9:18:11 AM

ft. Feet

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.
- ORO Oil range organics

TPH Total Petroleum Hydrocarbons

GRO Gasoline range organics DRO Diesel range organics

Below ground surface

ppm Parts per million mg/kg Milligrams per kilogram

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TABLE 3 SUMMARY OF ANALYTICAL RESULTS CONFIRMATION SAMPLING - NRM1935733118 CONOCOPHILLIPS EVGSAU 2437-001 FLOWLINE RELEASE LEA COUNTY, NM

				ing Deculte					BTEX ²								TPH ³						
Sample ID	Sample Date	Sample Depth	rield Screen	ing Results	Chloride1		Bonzono		Toluono		Ethylhonzon	•	Total Vulona	~	Total PTEX	GRO⁴		DRO		ORO		Total TPH	
Sample ID	Sample Date		Chloride	PID			Benzene		Toldelle		Ethylbelizen	e	Total Aylene	3	TOTALDIEX	C ₃ - C ₁₀		C ₁₀ - C ₂₈		C ₂₈ - C ₄₀		(GRO+DRO+ORO)	
		ft. bgs	pp	m	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	3/24/2021	4	-	-	77.9		< 0.00128		< 0.00638		< 0.00319		0.00211	J	0.00211	< 0.114		< 4.55		0.978	J	0.978	
FS-2	3/24/2021	4	-	-	155		< 0.00120		< 0.00598		< 0.00299		< 0.00778		-	< 0.110		< 4.39		0.883	J	0.883	
FS-3	3/29/2021	4	2020	-	1980		< 0.00115		< 0.00576		< 0.00288		< 0.00748		-	< 0.108		17.0		29.0		46.0	
FS-4	3/24/2021	4	611	1.3	567		< 0.00135		< 0.00673		< 0.00336		< 0.00875		-	< 0.117		< 4.69		1.16	J	1.16	
FS-5	3/24/2021	4	2320	1.1	2720		< 0.00118		< 0.00588		< 0.00294		< 0.00765		-	< 0.109		4.87		14.5		19.4	
FS-6	3/24/2021	5	1430	0.4	1680		< 0.00128		< 0.00641		< 0.00321		< 0.00833		-	< 0.114		< 4.56		3.94	J	3.94	
FS-7	3/29/2021	4	1780	-	2530		< 0.00117		< 0.00586		< 0.00293		< 0.00762		-	< 0.109		< 4.34		< 4.34		-	
CSW-1	3/29/2021	4.5	2980	2.8	3820		< 0.00115		< 0.00576		< 0.00288	1	< 0.00749	1	-	0.0265	ΒJ	52.0		53.1		105	
CSW-2	3/29/2021	4.5	1620	1.4	1690		< 0.00114		< 0.00572		< 0.00286		< 0.00744		-	< 0.107		10.9		17.3		28.2	
CSW-3	3/29/2021	4.5	3320	2.4	4560		< 0.00117		< 0.00586		< 0.00293		< 0.00762		-	< 0.109		15.3		40.2		55.5	
NSW-1	3/22/2021	-	56.5	3.0	< 21.3		< 0.00113		< 0.00565		< 0.00283		< 0.00735		-	< 0.107		1.84	J	3.22	J	5.06	
NSW-2	3/22/2021	-	138	2.3	37.7		< 0.00110		< 0.00551		< 0.00275		< 0.00716		-	< 0.105		6.80		15.1		21.9	
ESW-1	3/22/2021	-	266	0.4	104		< 0.00114		< 0.00568	11	< 0.00284	1	< 0.00739	1	-	< 0.107		7.57		21.5		29.1	
ESW-2	3/22/2021	-	1564	2.6	NS		NS		NS		NS		NS		-	NS		NS		NS		-	
ESW-2 (8')*	3/29/2021	-	125	1.1	17.8	J	< 0.00113		< 0.00564		< 0.00282		< 0.00733		-	0.0290	ΒJ	12.3		58.4		70.7	
ESW-3	3/22/2021	-	523	0.9	553		< 0.00117		< 0.00586		< 0.00293		< 0.00762		-	< 0.109		8.49		18.7		27.2	
ESW-4	3/29/2021	-	709	0.0	864		0.00252		< 0.00568		< 0.00284		< 0.00738		0.00252	< 0.107		12.2		42.3		54.5	
ESW-4 (4')*	4/2/2021	-	-	-	< 21.2		< 0.00112		< 0.00562		< 0.00281		< 0.00731		-	< 0.106		6.63		31.8		38.4	
SSW-1	3/22/2021	-	1246	67.2	NS		NS		NS		NS		NS		-	NS		NS		NS		-	
SSW-1 (12')	3/22/2021	-	2320	7.1	NS		NS		NS		NS		NS		-	NS		NS		NS		-	
SSW-1 (25')	3/24/2021	-	2230	1.0	2110		< 0.00117		< 0.00583		< 0.00292		< 0.00758		-	< 0.108		26.4		47.2		73.6	
SSW-1 (45')*	3/24/2021	-	387	0.4	321		0.00161		< 0.00556		< 0.00278		< 0.00723		0.00161	< 0.106		7.71		17.1		24.8	
WSW-1	3/22/2021	-	670	8.2	596		< 0.00110		< 0.00551		< 0.00276		< 0.00717		-	< 0.105		3.50	J	9.43		12.9	
WSW-2	3/22/2021	-	961	6.7	1060		< 0.00115		< 0.00574		< 0.00287		< 0.00747		-	< 0.107		35.0		71.3		106	
WSW-2 (4')*	3/22/2021	-	-	-	385		< 0.00143		< 0.00716		< 0.00358		0.00218	ΒJ	0.00218	< 3.58		5.43		20.9		26.3	
WSW-3	3/22/2021	-	1311	46.8	NS		NS		NS		NS		NS		-	NS		NS		NS		-	
WSW-3 (4')	3/24/2021	-	711	0.8	562		< 0.00107		< 0.00533		< 0.00267		< 0.00693		-	< 0.103		91.3		245		336	
WSW-3 (8')*	3/29/2021	-	169	4.9	29.4		< 0.00107		< 0.00535		< 0.00268		< 0.00696		-	0.0452	ВJ	11.5		36.1		47.6	
WSW-4	3/29/2021	-	2930	0.0	NS		NS		NS		NS		NS		-	NS		NS		NS		-	
WSW-4 (4')*	3/29/2021	-	191	6.1	103		< 0.00110	1 7	< 0.00549	1 1	< 0.00274	1	< 0.00713	1	-	< 0.105		39.5	1	47.5	1 7	87.0	

<u>NOTES:</u> ft. Feet

bgs Below ground surface

ppm Parts per million

mg/kg Milligrams per kilogram

ing/kg wingrams per kilogra

NS Interval not sampled TPH Total Petroleum Hydrocarbons

GRO Gasoline range organics

DRO Diesel range organics

Bold and italicized values indicate exceedance of Reclamation Requirements

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

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

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

QUALIFIERS:

B The same analyte is found in the associated blank.

J The sample identification of the analyte is acceptable; the reported value is an estimate.

APPENDIX A C-141 Forms

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

	1
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 _32.81840

Longitude	-103.49300
NAD 83 in decimal degrees to 5 deci	imal places)

Site Name EVGSAU SAT 1	Site Type flow line leak
Date Release Discovered 10/29/19	API# (if applicable)

Unit Letter	Section	Township	Range	County
j	19	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) 0.6 Volume Recovered (bbls) 0.3 Volume Released (bbls) 22.4 Produced Water Volume Recovered (bbls) 97 Is the concentration of total dissolved solids (TDS) Ves No in the produced water >10,000 mg/l? 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 When checking satellite 1 area found flowline leak to 2437-001

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Form C-141	State of New Mexico		
		Incident ID	
Page 2	Oil Conservation Division	District RP	
		Facility ID	
		Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the responsible party consider this a major release?
19.15.29.7(A) NMÁC?	LESS THAN 25 BBLS
🗌 Yes 🔽 No	
If YES, was immediate n	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Initial Response

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

 \checkmark The source of the release has been stopped.

I 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:

Remediation process is ongoing.

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: 11/4/19
email: g.fejewary@cop.com	Telephone:
OCD Only	
Received by:	Date:

									Total Estimated Volume of Spilled Liquid other than Oil (bbl.)	0.102	0.345	9.204	2.148	0.690	0.000	0,000	0.000	0.000	0.000	12.490
							~~~~~~	ni.	Total Estimated Volume of Spilled Oil (bbl.)	0.005	0.018	0.484	0.113	0.036	0.000	0.000	0.000	0:000	0.000	0.657
							ation factor	if No, use factors above	Percentage of Oil if Spilled Fluid is a Mixture	5.00%	5.00%	5:00%	5,00%	2,00%						
							soil spilled-fluid satura	fluid saturation factor;	Total Estimated Volume of Spill (bbl.)	0.108	0.363	9.689	2.261	0.727	0.000	0.00	0.000	0.000	0.000	13.147
ume Estimate Form						ubsurface Spill - Rectangle	On Pad - 10.5%; Off Pad - 15.12%	ad - 8%; Off Pad - 13.57% soil spilled-	Estimated volume of each area (bbl.)	0.712	2.403	64.080	14.952	4.806	0.000	0'00	0.000	0.000	0.000	Total Volume Release:
L48 Spill Volu						Spill Calculation - S		Yes, On Pa	Soil Spilled-Fluid Saturation	15.12%	15.12%	15.12%	15.12%	15.12%						
	EVGSAU 2437-001	SENM (Buckeye)	2:30 P.M. 10/29/19	Oli Mixture	Flowline leak				Depth (in.)	2.00	3:00	4.00	4:00	3:00						
	ty Name & Number.	Asset Area:	overy Date & Time:	Release Type:	ails about the event:		e on pad or off-pad?	n the last 24 hours?	Width (ft.)	1.0	3.0	24.0	12.0	9.0						
	Facili		Release Disc		le any known det		Was the release	least a haif inch i	Length (ft.)	24.0	18.0	45.0	21.0	12.0						
					Provic			Has it rained at	Convert Irregular shape into a series of rectangles	Rectangle A	Rectangle B	Rectangle C	Rectangle D	Rectangle E	Rectangle F	Rectangle G	Rectangle H	Rectangle I	Rectangle J	

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Oil Conservation Division

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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?	(ft bgs)
Did this release impact groundwater or surface water?	Yes X 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 X No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes X No
Are the lateral extents of the release within 300 feet of a wetland?	Yes X No
Are the lateral extents of the release overlying a subsurface mine?	Yes X No
Are the lateral extents of the release overlying an unstable area such as karst geology?	Yes X No
Are the lateral extents of the release within a 100-year floodplain?	Yes X No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	Yes X 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.

Character induction report Cheeningt inter of the following wents heads be interacted in the report	Characterization Report	Checklist: Eac	h of the	following	g items musi	t be include	d in th	e 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.

Received by OCD: 5/24/20	021 9:23:34 PM ata of Now Maying			Page 23 of 192
101111 C-1+1	State of New Mexico		Incident ID	
Page 4	Oil Conservation Division		District RP	
			Facility ID	
			Application ID	
I hereby certify that the information of the environment of the enviro	ormation given above is true and complete to the e required to report and/or file certain release not imment. The acceptance of a C-141 report by the 0 gate and remediate contamination that pose a thru of a C-141 report does not relieve the operator of	best of my knowledge a ifications and perform cc OCD does not relieve the eat to groundwater, surfa f responsibility for compl 	nd understand that purso prrective actions for rele e operator of liability sho ce water, human health liance with any other feo	uant to OCD rules and eases which may endanger ould their operations have or the environment. In deral, state, or local laws
OCD Only				
Received by:		Date:		

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Oil Conservation Division

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# **Remediation Plan**

Remediation Plan Checklist: Each of the following items must be inc	luded in the plan.
<ul> <li>Detailed description of proposed remediation technique</li> <li>Scaled sitemap with GPS coordinates showing delineation points</li> <li>Estimated volume of material to be remediated</li> <li>Closure criteria is to Table 1 specifications subject to 19.15.29.12(C</li> <li>Proposed schedule for remediation (note if remediation plan timelin)</li> </ul>	)(4) NMAC e is more than 90 days OCD approval is required)
Deferral Requests Only: Each of the following items must be confirm	ned as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around produ deconstruction.	ction equipment where remediation could cause a major facility
Extents of contamination must be fully delineated.	
Contamination does not cause an imminent risk to human health, the	e environment, or groundwater.
I hereby certify that the information given above is true and complete to rules and regulations all operators are required to report and/or file certa which may endanger public health or the environment. The acceptance liability should their operations have failed to adequately investigate and surface water, human health or the environment. In addition, OCD acce responsibility for compliance with any other federal, state, or local laws	the best of my knowledge and understand that pursuant to OCD in release notifications and perform corrective actions for releases of a C-141 report by the OCD does not relieve the operator of 1 remediate contamination that pose a threat to groundwater, ptance of a C-141 report does not relieve the operator of and/or regulations.
Printed Name:	Fitle:
Signature:	Date:
email:	Celephone:
OCD Only	
Received by: D	ate:
Approved Approved with Attached Conditions of App	roval Denied Deferral Approved
Signature: Juntur Dat	e:

Oil Conservation Division

Incident ID	NRM1935733118
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. Title: Program Manager, Risk Management & Remediation Printed Name: Marvin Soriwei Signature: Date: 5/21/2021 email: marvin.soriwei@conocophillips.com Telephone: 8324862730 **OCD Only** 

Received by:

Date:

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

Closure Approved by:	Date:
Printed Name:	Title:

# APPENDIX B Site Characterization Data



# New Mexico Office of the State Engineer Water Column/Average Depth to Water

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 641087.121

Northing (Y): 3632127

Radius: 800

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

# 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)	d,	(qua (qua	arte	rs a rs a	are 1 are s	=NW malles	2=NE 3 st to lar	3=SW 4= rgest)	SE) (NAD	083 UTM in m	eters)	(	In feet)	
POD Number	POD Sub- Code basin (	Count	Q ty 64	Q 4 16	Q 4	Sec	Tws	Rng		x	Y	Distance	Depth Well	Depth Water	Water Column
L 05439	L	LE	2	3	3	19	17S	35E	64021	12 :	3631888* 🌍	907	135	85	50
L 06940	L	LE	1	4	3	20	17S	35E	64200	D1 3	3631907* 🌍	939	135	85	50
L 05850	L	LE	2	2	2	19	17S	35E	64137	77 :	3633109* 🌍	1023	230		
L 02943	L	LE	4	1	1	20	17S	35E	64178	30 3	3632913* 🌍	1047	110	60	50
L 04066	L	LE		4	2	30	17S	35E	64130	09 :	3630994* 🌍	1154	116	70	46
L 04490	L	LE		4	2	30	17S	35E	64130	09 :	3630994* 🌍	1154	110	70	40
L 04829 POD7	L	LE	3	3	3	19	17S	35E	64001	12 3	3631688* 🌍	1161	210	70	140
											Avera	age Depth to	Water:	73	feet
												Minimum	Depth:	60	feet
												Maximum	Depth:	85	feet

#### Record Count: 7

### UTMNAD83 Radius Search (in meters):

Easting (X): 641087.121

Northing (Y): 3632127

**Radius:** 1200

*UTM location was derived from PLSS - see Help

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

10/19/20 10:39 PM

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Received by OCD: 5/24/2021 9:23:34 PM

# Incident ID# NRM1935733118



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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

Received by OCD: 5/24/2021 9:23:34 PM

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eAnalytical [®] ANALY	IICAL REPOR I arch 24, 2021	1
		2_
ConocoPhillips - T	etra Tech	3 (
Sample Delivery Group:	L1329551	
Samples Received:	03/23/2021	5
Project Number:	212C-MD-02466	
Description:	EVGSAU 02437-001	6
Site:	LEA COUNTY, NEW MEXICO	7
Report To:	Christian Llull	
	901 West Wall	8
	Suite 100	
	Midland, TX 79701	9

## Entire Report Reviewed By:

Erica Mc Neese

Erica McNeese Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be 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.

# Pace Analytical National

Mount Juliet, TN 37122 12065 Lebanon Rd 615-758-5858 800-767-5859 www.pacenational.com

Released to Imaging: %/4/2021 9:18:11 AM ConocoPhillips - Tetra Tech

PROJECT: 212C-MD-02466

SDG: L1329551 DATE/TIME:

03/24/21 15:16

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ESW-1 L1329551-03	8					
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¹ Cp
² Tc
³ Ss
⁴Cn
⁵ Sr
⁶ Qc
⁷ Gl
⁸ Al
⁹ Sc

Released to Imaging: 3/47/2021 9:18:11 AM ConocoPhillips - Tetra Tech PROJECT: 212C-MD-02466

SDG: L1329551

DATE/TIME: 03/24/21 15:16 PAGE: 2 of 20 Received by OCD: 5/24/2021 9:23:34 PM

# SAMPLE SUMMARY

NSW-1   1329551-01 Solid			Collected by John Thurston	Collected date/time 03/22/21 10:00	Received date/time 03/23/21 09:00		
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	
Fotal Solids by Method 2540 G-2011	WG1639056	1	03/23/21 12:35	03/23/21 12:44	KDW	Mt. Juliet, Ti	
Net Chemistry by Method 300.0	WG1638901	1	03/23/21 22:30	03/24/21 05:48	MCG	Mt. Juliet, Tl	
/olatile Organic Compounds (GC) by Method 8015D/GRO	WG1639195	1	03/23/21 13:00	03/23/21 23:18	TPR	Mt. Juliet, T	
/olatile Organic Compounds (GC/MS) by Method 8260B	WG1639258	1	03/23/21 13:00	03/23/21 17:28	TPR	Mt. Juliet, Tl	
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1639131	1	03/23/21 16:16	03/24/21 01:10	JN	Mt. Juliet, Tl	
			Collected by	Collected date/time	Received da	te/time	
NSW-2 L1329551-02 Solid			John Thurston	03/22/21 10:08	03/23/21 09:	:00	
Aethod	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	
otal Solids by Method 2540 G-2011	WG1639056	1	03/23/21 12:35	03/23/21 12:44	KDW	Mt. Juliet, T	
Vet Chemistry by Method 300.0	WG1638901	1	03/23/21 22:30	03/24/21 06:16	MCG	Mt. Juliet, T	
/olatile Organic Compounds (GC) by Method 8015D/GRO	WG1639195	1	03/23/21 13:00	03/23/21 23:40	TPR	Mt. Juliet, T	
/olatile Organic Compounds (GC/MS) by Method 8260B	WG1639258	1	03/23/21 13:00	03/23/21 17:47	TPR	Mt. Juliet, T	
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1639131	1	03/23/21 16:16	03/24/21 01:24	JN	Mt. Juliet, T	
ESW-1 L1329551-03 Solid			Collected by John Thurston	Collected date/time 03/22/21 10:16	Received da 03/23/21 09:	te/time :00	
/lethod	Batch	Dilution	Preparation	Analysis	Analyst	Location	
			date/time	date/time			
otal Solids by Method 2540 G-2011	WG1639057	1	03/23/21 12:50	03/23/21 12:58	KDW	Mt. Juliet, T	
/et Chemistry by Method 300.0	WG1638901	1	03/23/21 22:30	03/24/21 06:26	MCG	Mt. Juliet, T	
olatile Organic Compounds (GC) by Method 8015D/GRO	WG1639195	1	03/23/21 13:00	03/24/21 00:02	TPR	Mt. Juliet, T	
olatile Organic Compounds (GC/MS) by Method 8260B	WG1639258	1	03/23/21 13:00	03/23/21 18:06	TPR	Mt. Juliet, T	
emi-Volatile Organic Compounds (GC) by Method 8015	WG1639131	1	03/23/21 16:16	03/24/21 01:37	JN	Mt. Juliet, T	
			Collected by	Collected date/time	Received da	te/time	
NSW-1 L1329551-04 Solid			John Thurston	03/22/2110:32	03/23/21 09:	00	
<i>f</i> lethod	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	
otal Solids by Method 2540 G-2011	WG1639057	1	03/23/21 12:50	03/23/21 12:58	KDW	Mt. Juliet, T	
Vet Chemistry by Method 300.0	WG1638901	1	03/23/21 22:30	03/24/21 06:35	MCG	Mt. Juliet, T	
olatile Organic Compounds (GC) by Method 8015D/GRO	WG1639195	1	03/23/21 13:00	03/24/21 00:24	TPR	Mt. Juliet, T	
olatile Organic Compounds (GC/MS) by Method 8260B	WG1639258	1	03/23/21 13:00	03/23/21 18:25	TPR	Mt. Juliet, T	
emi-Volatile Organic Compounds (GC) by Method 8015	WG1639131	1	03/23/21 16:16	03/24/21 01:51	JN	Mt. Juliet, T	
			Collected by	Collected date/time	Received da	te/time	
WSW-2 L1329551-05 Solid			John Thurston	03/22/2110:40	03/23/21 09:00		
flethod	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	
otal Solids by Method 2540 G-2011	WG1639057	1	03/23/21 12:50	03/23/21 12:58	KDW	Mt. Juliet, T	
Vet Chemistry by Method 300.0	WG1638901	5	03/23/21 22:30	03/24/21 06:45	MCG	Mt. Juliet, T	
/olatile Organic Compounds (GC) by Method 8015D/GRO	WG1639195	1	03/23/21 13:00	03/24/21 00:46	TPR	Mt. Juliet, T	
/olatile Organic Compounds (GC/MS) by Method 8260B	WG1639258	1	03/23/21 13:00	03/23/21 18:44	TPR	Mt. Juliet, T	
Somi Valatila Organic Compounds (CC) by Mathed 8015	WC1620121	1	03/23/21 16:16	03/24/21 02:05	IN	Mt Juliot T	

PROJECT: 212C-MD-02466

SDG: L1329551 DATE/TIME: 03/24/21 15:16 PAGE: 3 of 20

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Received by OCD: 5/24/2021 9:23:34 PM

# SAMPLE SUMMARY

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			Collected by	Collected date/time	e Received date/time		
ESW-3 L1329551-06 Solid			John Thurston	03/22/21 11:04	03/23/21 09:	00	
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location	
			date/time	date/time			
Total Solids by Method 2540 G-2011	WG1639057	1	03/23/21 12:50	03/23/21 12:58	KDW	Mt. Juliet, TN	
Wet Chemistry by Method 300.0	WG1638901	1	03/23/21 22:30	03/24/21 06:54	MCG	Mt. Juliet, TN	
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1639195	1	03/23/21 13:00	03/24/21 01:08	TPR	Mt. Juliet, TN	
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1639258	1	03/23/21 13:00	03/23/21 19:03	TPR	Mt. Juliet, TN	
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1639131	1	03/23/21 16:16	03/24/21 05:19	JN	Mt. Juliet, TN	



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## CASE NARRATIVE

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 Mc Neese

Erica McNeese Project Manager



PROJECT: 212C-MD-02466

SDG: L1329551

DATE/TIME: 03/24/21 15:16

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Collected date/time: 03/22/21 10:00

# SAMPLE RESULTS - 01

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#### Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch		-
Analyte	%			date / time		2	_
Total Solids	93.9		1	03/23/202112:44	WG1639056	2-	Γc

#### Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	U		9.80	21.3	1	03/24/2021 05:48	WG1638901

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	6
Analyte	mg/kg		mg/kg	mg/kg		date / time		ČQ
TPH (GC/FID) Low Fraction	U		0.0231	0.107	1	03/23/2021 23:18	WG1639195	
(S) a,a,a-Trifluorotoluene(FID)	94.7			77.0-120		03/23/2021 23:18	<u>WG1639195</u>	⁷ Gl

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000528	0.00113	1	03/23/2021 17:28	WG1639258
Toluene	U		0.00147	0.00565	1	03/23/2021 17:28	WG1639258
Ethylbenzene	U		0.000834	0.00283	1	03/23/2021 17:28	WG1639258
Total Xylenes	U		0.000995	0.00735	1	03/23/2021 17:28	WG1639258
(S) Toluene-d8	99.6			75.0-131		03/23/2021 17:28	WG1639258
(S) 4-Bromofluorobenzene	106			67.0-138		03/23/2021 17:28	WG1639258
(S) 1,2-Dichloroethane-d4	105			70.0-130		03/23/2021 17:28	WG1639258

#### Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	1.84	J	1.72	4.26	1	03/24/2021 01:10	WG1639131
C28-C40 Oil Range	3.22	Ţ	0.292	4.26	1	03/24/2021 01:10	WG1639131
(S) o-Terphenyl	63.3			18.0-148		03/24/2021 01:10	WG1639131

SDG: L1329551 DATE/TIME: 03/24/21 15:16

Collected date/time: 03/22/2110:08

# SAMPLE RESULTS - 02

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## Total Solids by Method 2540 G-2011

						11	C
	Result	Qualifier	Dilution	Analysis	Batch	`	
Analyte	%			date / time		2	_
Total Solids	95.2		1	03/23/202112:44	WG1639056	12.	To

#### Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	37.7		9.66	21.0	1	03/24/2021 06:16	WG1638901

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

								1
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	6
Analyte	mg/kg		mg/kg	mg/kg		date / time		ČQ
TPH (GC/FID) Low Fraction	U		0.0228	0.105	1	03/23/2021 23:40	WG1639195	
(S) a,a,a-Trifluorotoluene(FID)	93.3			77.0-120		03/23/2021 23:40	WG1639195	⁷ Gl

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000514	0.00110	1	03/23/2021 17:47	WG1639258
Toluene	U		0.00143	0.00551	1	03/23/2021 17:47	<u>WG1639258</u>
Ethylbenzene	U		0.000811	0.00275	1	03/23/2021 17:47	WG1639258
Total Xylenes	U		0.000969	0.00716	1	03/23/2021 17:47	WG1639258
(S) Toluene-d8	98.5			75.0-131		03/23/2021 17:47	WG1639258
(S) 4-Bromofluorobenzene	104			67.0-138		03/23/2021 17:47	<u>WG1639258</u>
(S) 1,2-Dichloroethane-d4	108			70.0-130		03/23/2021 17:47	WG1639258

#### Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	6.80		1.69	4.20	1	03/24/2021 01:24	WG1639131
C28-C40 Oil Range	15.1		0.288	4.20	1	03/24/2021 01:24	WG1639131
(S) o-Terphenyl	52.0			18.0-148		03/24/2021 01:24	WG1639131

SDG: L1329551 DATE/TIME: 03/24/21 15:16

Collected date/time: 03/22/21 10:16

# SAMPLE RESULTS - 03

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## Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	
Analyte	%			date / time		2
Total Solids	93.6		1	03/23/2021 12:58	WG1639057	Τ

#### Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	104		9.83	21.4	1	03/24/2021 06:26	WG1638901

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	6
Analyte	mg/kg		mg/kg	mg/kg		date / time		ľQ
TPH (GC/FID) Low Fraction	U		0.0232	0.107	1	03/24/2021 00:02	WG1639195	
(S) a,a,a-Trifluorotoluene(FID)	93.8			77.0-120		03/24/2021 00:02	WG1639195	⁷ Gl

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000531	0.00114	1	03/23/2021 18:06	WG1639258
Toluene	U		0.00148	0.00568	1	03/23/2021 18:06	WG1639258
Ethylbenzene	U		0.000837	0.00284	1	03/23/2021 18:06	WG1639258
Total Xylenes	U		0.00100	0.00739	1	03/23/2021 18:06	WG1639258
(S) Toluene-d8	97.8			75.0-131		03/23/2021 18:06	WG1639258
(S) 4-Bromofluorobenzene	105			67.0-138		03/23/2021 18:06	WG1639258
(S) 1,2-Dichloroethane-d4	100			70.0-130		03/23/2021 18:06	WG1639258

#### Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	7.57		1.72	4.27	1	03/24/2021 01:37	WG1639131
C28-C40 Oil Range	21.5		0.293	4.27	1	03/24/2021 01:37	WG1639131
(S) o-Terphenyl	54.1			18.0-148		03/24/2021 01:37	WG1639131

SDG: L1329551 DATE/TIME: 03/24/21 15:16

Collected date/time: 03/22/21 10:32

# SAMPLE RESULTS - 04

# Total Solids by Method 2540 G-2011

						I'C
	Result	Qualifier	Dilution	Analysis	Batch	
Analyte	%			date / time		 2
Total Solids	95.1		1	03/23/202112:58	WG1639057	ĒΤα

#### Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	596		9.67	21.0	1	03/24/2021 06:35	WG1638901

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

								1
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	6
Analyte	mg/kg		mg/kg	mg/kg		date / time		ČQ
TPH (GC/FID) Low Fraction	U		0.0228	0.105	1	03/24/2021 00:24	WG1639195	
(S) a,a,a-Trifluorotoluene(FID)	95.4			77.0-120		03/24/2021 00:24	<u>WG1639195</u>	⁷ Gl

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000515	0.00110	1	03/23/2021 18:25	WG1639258
Toluene	U		0.00143	0.00551	1	03/23/2021 18:25	WG1639258
Ethylbenzene	U		0.000813	0.00276	1	03/23/2021 18:25	WG1639258
Total Xylenes	U		0.000970	0.00717	1	03/23/2021 18:25	WG1639258
(S) Toluene-d8	98.8			75.0-131		03/23/2021 18:25	WG1639258
(S) 4-Bromofluorobenzene	105			67.0-138		03/23/2021 18:25	WG1639258
(S) 1,2-Dichloroethane-d4	111			70.0-130		03/23/2021 18:25	WG1639258

#### Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	3.50	J	1.69	4.21	1	03/24/2021 01:51	WG1639131
C28-C40 Oil Range	9.43		0.288	4.21	1	03/24/2021 01:51	WG1639131
(S) o-Terphenyl	61.2			18.0-148		03/24/2021 01:51	WG1639131

SDG: L1329551 DATE/TIME: 03/24/21 15:16 Ss

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# SAMPLE RESULTS - 05

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# Total Solids by Method 2540 G-2011

Collected date/time: 03/22/21 10:40

						1'Cr
	Result	Qualifier	Dilution	Analysis	Batch	
Analyte	%			date / time		2
Total Solids	93.1		1	03/23/2021 12:58	WG1639057	Tc

#### Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	1060		49.4	107	5	03/24/2021 06:45	WG1638901

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	6
Analyte	mg/kg		mg/kg	mg/kg		date / time		ľQ
TPH (GC/FID) Low Fraction	U		0.0233	0.107	1	03/24/2021 00:46	WG1639195	
(S) a,a,a-Trifluorotoluene(FID)	93.8			77.0-120		03/24/2021 00:46	WG1639195	⁷ Gl

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000536	0.00115	1	03/23/2021 18:44	WG1639258
Toluene	U		0.00149	0.00574	1	03/23/2021 18:44	WG1639258
Ethylbenzene	U		0.000846	0.00287	1	03/23/2021 18:44	WG1639258
Total Xylenes	U		0.00101	0.00747	1	03/23/2021 18:44	<u>WG1639258</u>
(S) Toluene-d8	90.6			75.0-131		03/23/2021 18:44	WG1639258
(S) 4-Bromofluorobenzene	105			67.0-138		03/23/2021 18:44	<u>WG1639258</u>
(S) 1,2-Dichloroethane-d4	114			70.0-130		03/23/2021 18:44	WG1639258

#### Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	35.0		1.73	4.30	1	03/24/2021 02:05	WG1639131
C28-C40 Oil Range	71.3		0.294	4.30	1	03/24/2021 02:05	WG1639131
(S) o-Terphenyl	63.6			18.0-148		03/24/2021 02:05	WG1639131

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Collected date/time: 03/22/21 11:04

#### SAMPLE RESULTS - 06 L1329551

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## Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch		С
Analyte	%			date / time		2	_
Total Solids	92.0		1	03/23/202112:58	WG1639057		Т

#### Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	553		10.0	21.7	1	03/24/2021 06:54	WG1638901

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	6
Analyte	mg/kg		mg/kg	mg/kg		date / time		ľQ
TPH (GC/FID) Low Fraction	U		0.0236	0.109	1	03/24/2021 01:08	WG1639195	
(S) a,a,a-Trifluorotoluene(FID)	94.2			77.0-120		03/24/2021 01:08	<u>WG1639195</u>	⁷ Gl

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000548	0.00117	1	03/23/2021 19:03	WG1639258
Toluene	U		0.00152	0.00586	1	03/23/2021 19:03	WG1639258
Ethylbenzene	U		0.000864	0.00293	1	03/23/2021 19:03	WG1639258
Total Xylenes	U		0.00103	0.00762	1	03/23/2021 19:03	WG1639258
(S) Toluene-d8	99.5			75.0-131		03/23/2021 19:03	WG1639258
(S) 4-Bromofluorobenzene	105			67.0-138		03/23/2021 19:03	WG1639258
(S) 1,2-Dichloroethane-d4	112			70.0-130		03/23/2021 19:03	WG1639258

#### Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	8.49		1.75	4.35	1	03/24/2021 05:19	WG1639131
C28-C40 Oil Range	18.7		0.298	4.35	1	03/24/2021 05:19	WG1639131
(S) o-Terphenyl	61.9			18.0-148		03/24/2021 05:19	WG1639131

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Total Solids by Method 2540 G-2011

#### QUALITY CONTROL SUMMARY L1329551-01,02

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#### Method Blank (MB)

Method Blank	: (MB)					
(MB) R3634285-1 (	03/23/21 12:44					
	MB Result	MB Qualifier	MB MDL	MB RDL	2	
Analyte	%		%	%	Тс	
Total Solids	0.00100					
					³ Ss	

#### L1326600-01 Original Sample (OS) • Duplicate (DUP)

L1326600-01 Origin	nai Sampie	(OS) • Dup	blicate (	DUP)			⁴ Cm
(OS) L1326600-01 03/23/2	21 12:44 • (DUP)	R3634285-3	03/23/21	12:44			Cn
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits	⁵ Sr
Analyte	%	%		%		%	5
Total Solids	79.1	79.3	1	0.166		10	⁶ Qc

#### Laboratory Control Sample (LCS)

(LCS) R3634285-2 03/23	3/21 12:44				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

DATE/TIME: 03/24/21 15:16

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Total Solids by Method 2540 G-2011

#### QUALITY CONTROL SUMMARY L1329551-03,04,05,06

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#### Method Blank (MB)

					1	Cn
(MB) R3634298-1 (	03/23/21 12:58					СР
	MB Result	MB Qualifier	MB MDL	MB RDL	2	2
Analyte	%		%	%		Tc
Total Solids	0.00100					
					3	Ss

#### L1329351-05 Original Sample (OS) • Duplicate (DUP)

LI329351-05 (	Original Sample	(OS) • Du	plicate (	DUP)			
(OS) L1329351-05	03/23/2112:58 • (DUP	) R3634298-3	3 03/23/21	12:58			
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits	
Analyte	%	%		%		%	
Total Solids	75.9	74.4	1	2.02		10	

#### Laboratory Control Sample (LCS)

(LCS) R3634298-2 03/23	3/21 12:58				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

SDG: L1329551

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Wet Chemistry by Method 300.0

#### QUALITY CONTROL SUMMARY L1329551-01,02,03,04,05,06

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#### Method Blank (MB)

(MB) R3634112-1 03/24/21	I 02:18			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Chloride	U		9.20	20.0

#### L1327583-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1327583-01   03/24/21 02:47 • (DUP) R3634112-3   03/24/21 02:56     Original Result (dry)   DUP Result (dry)   Dilution   DUP RPD   DUP Qualifier     Analyte   mg/kg   mg/kg   %   %
Original Result (dry) DUP Result (dry) DUP RPD DUP Qualifier Limits   alyte mg/kg %
Analyte mg/kg mg/kg %

#### L1327633-04 Original Sample (OS) • Duplicate (DUP)

L1327633-04 Origin	nal Sample	(OS) • Dup	olicate (	DUP)			⁷ Gl
(OS) L1327633-04 03/24/2	21 04:50 • (DUF	P) R3634112-6	03/24/21	05:00			
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits	⁸ Al
Analyte	mg/kg	mg/kg		%		%	
Chloride	U	U	1	0.000		20	⁹ Sc

#### Laboratory Control Sample (LCS)

(LCS) R3634112-2 03/24/2	102:28				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
Chloride	200	202	101	90.0-110	

#### L1327583-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1327583-01 03/24/2	102:47 • (MS) F	83634112-4 03	/24/21 03:06 •	(MSD) R363411	2-5 03/24/210	)3:15						
	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Chloride	645	1380	1820	1890	13.8	16.0	5	80.0-120	<u>J6</u>	<u>J6</u>	3.73	20

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	ConocoPhillips - Tetra Tech	

PROJECT: 212C-MD-02466

SDG: L1329551

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

# QUALITY CONTROL SUMMARY

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#### Method Blank (MB)

(MB) R3634130-2 03/23/2	21 18:43				Ср
	MB Result	MB Qualifier	MB MDL	MB RDL	2
Analyte	mg/kg		mg/kg	mg/kg	Tc
TPH (GC/FID) Low Fraction	U		0.0217	0.100	
(S) a,a,a-Trifluorotoluene(FID)	96.4			77.0-120	³ Ss

#### Laboratory Control Sample (LCS)

(LCS) R3634130-1 03/23/2	21 17:58				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
TPH (GC/FID) Low Fraction	5.50	5.85	106	72.0-127	
(S) a.a.a.Trifluorotoluene(FID)			110	77.0-120	

DATE/TIME: 03/24/21 15:16 PAGE: 15 of 20 Volatile Organic Compounds (GC/MS) by Method 8260B

#### QUALITY CONTROL SUMMARY L1329551-01,02,03,04,05,06

(MB) R3633921-3 03/23/2	21 16:22				Ср
	MB Result	MB Qualifier	MB MDL	MB RDL	2
Analyte	mg/kg		mg/kg	mg/kg	⁻Tc
Benzene	U		0.000467	0.00100	
Ethylbenzene	U		0.000737	0.00250	³ SS
Toluene	U		0.00130	0.00500	00
Xylenes, Total	U		0.000880	0.00650	4
(S) Toluene-d8	99.6			75.0-131	Cn
(S) 4-Bromofluorobenzene	107			67.0-138	
(S) 1,2-Dichloroethane-d4	106			70.0-130	⁵Sr

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

(LCS) R3633921-1 03/23/2	1 15:05 • (LCSD	) R3633921-2	03/23/21 15:25	, ,							7
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits	Í GI
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%	
Benzene	0.125	0.120	0.128	96.0	102	70.0-123			6.45	20	8
Ethylbenzene	0.125	0.119	0.126	95.2	101	74.0-126			5.71	20	A
Toluene	0.125	0.110	0.119	88.0	95.2	75.0-121			7.86	20	9
Xylenes, Total	0.375	0.364	0.393	97.1	105	72.0-127			7.66	20	Sc
(S) Toluene-d8				95.7	97.9	75.0-131					
(S) 4-Bromofluorobenzene				109	107	67.0-138					
(S) 1,2-Dichloroethane-d4				120	118	70.0-130					

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Semi-Volatile Organic Compounds (GC) by Method 8015

# QUALITY CONTROL SUMMARY

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#### Method Blank (MB)

(MB) R3634060-1 03/2	4/21 00:43				
	MB Result	MB Qualifier	MB MDL	MB RDL	
Analyte	mg/kg		mg/kg	mg/kg	
C10-C28 Diesel Range	U		1.61	4.00	
C28-C40 Oil Range	U		0.274	4.00	
(S) o-Terphenyl	67.6			18.0-148	

#### Laboratory Control Sample (LCS)

(LCS) R3634060-2 03/2	4/21 00:57				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
C10-C28 Diesel Range	50.0	39.3	78.6	50.0-150	
(S) o-Terphenyl			97.3	18.0-148	

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#### 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
1	The identification of the analyte is acceptable: the reported value is an estimate

	The identification of the analyte is acceptable, the reported value is an estimate.
6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

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Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
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
lowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky ¹⁶	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ¹⁴	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
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

* 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 Analytical.

SDG: L1329551 DATE/TIME: 03/24/21 15:16 PAGE: 19 of 20

#### Page 51 of 192 Page : 1 of 1 Analysis Request of Chain of Custody Record 901 West Wall Street, Suite 100 [1329351 Midland, Texas 79701 Tetra Tech, Inc. TŁ Tel (432) 682-4559 Fax (432) 682-3946 ANALYSIS REQUEST **Christian Llull** Site Manager: **Client Name: Conoco Phillips** (Circle or Specify Method No.) Email: christian.llull@tetratech.com EVGSAU 02437-001 Contact Info: Project Name: Phone: (512) 338-1667 Project Location: 212C-MD-02446 Project #: Lea County, New Mexico (county, state) Accounts Payable Invoice to: st) 901 West Wall Street, Suite 100 Midland, Texas 79701 MRO) Se Hg 문 B John Thurston Sampler Signature: **Receiving Laboratory:** Pace Analytical Se attach ORO - I Cr Pb S 625 see **COPTETRA Acctnum** DRO-Comments: 8 8270C/ G DS C35) istry 624 Ag As Ba ( BTEX otal Metals Ag As Ba PRESERVATIVE 8260B / 6 (Ext to ( SAMPLING MATRIX GRO-5 Semi. Vol. 8082 / 608 Che CONTAINERS FILTERED (Y/N) METHOD ulfate Bal PLM (Asbestos) 300.0 Water 8015M ( YEAR: 2021 8021B TX1005 Cation E S CLP Metals 8270C Semi \ 8015R GC/MS Vol. LAB # SAMPLE IDENTIFICATION WATER loride eral de MS NONE PCB's NORM НОГР LAB USE HNO₃ BTEX LCLP SOIL CLP DATE TIME AH Hd H В ş ONLY 34 х Ν X X Х 1 X NSW-1 3/22/2021 10:00 0 X х х Х N X 1 NSW-2 3/22/2021 10:08 0 X X X 1 Ν X х ESW-1 3/22/2021 10:16 Х х Х 1 N X X ESW-3 (8') 3/22/2021 10:24 х X 1 N X х X 10:32 WSW-1 3/22/2021 Х N Х х X X WSW-2 3/22/2021 10:40 1 X х х X Ν X 3/22/2021 10:48 1 WSW-1 (4') X х Х X X Ν WSW-2 (4') 3/22/2021 10:56 1 X х х ESW-3 3/22/2021 11:04 X 1 Ν REMARKS: Date: Time: Relinguished by Date Time Received by: LAB USE 3/23/ Standard 0 am ONLY NOU 22 X RUSH: Same Day (24 hr. )8 hr. 72 hr. Date Time: Relinguished by Date: Time: Received by: Sample Temperature |.[-, [=], 0]Rush Charges Authorized Date: Time: Relinguished by: Date: Time: Received by: A60+ Special Report Limits or TRRP Report Sample Receipt Checklist If Applicable N COC Seal Present/Intact: N VOA Zero Headspace: __Y_N _N Pres.Correct/Check: _Y_N 03-153 (Circle) HAND DELIVERED FEDEX UPS **DRIGINAL COPY** Tracking #: COC Signed/Accurate: Bottles arrive intact: Ny FED-EX: 1922 0813 1697 V N Correct bottles used:

G047

Released to Imaging: 8/4/2021 9:18:11 AM

RAD Screen

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ce Ana	alytical [®] ANALY I	ICAL REPORT	1
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	ConocoPhillips - Te	tra Tech	3 <
	Sample Delivery Group:	L1330245	
	Samples Received:	03/23/2021	5
	Project Number:	212C-MD-02466	
	Description:	EVGSAU 02437-001	6
			7
	Report To:	Christian Llull	8
		901 West Wall	Ā
		Suite 100	9,
		Midland, TX 79701	

Entire Report Reviewed By: Chu, faph J men

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 Analytical National is performed per guidance provided in laboratory where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory where applicable, sampling conducted by Pace National Statement of the 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.

# Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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PROJECT: 212C-MD-02466

SDG: L1330245

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SDG: L1330245

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## SAMPLE SUMMARY

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			Collected by	Collected date/time	Received da	te/time
WSW-2 (4') L1330245-01 Solid	John Thurston	03/22/2110:56	03/23/21 09:	00		
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Total Solids by Method 2540 G-2011	WG1640243	1	03/25/21 10:01	03/25/21 10:12	СМК	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1640073	1	03/25/2110:31	03/25/21 12:35	MCG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1640328	33.8	03/22/21 10:56	03/25/21 12:07	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1640318	1.35	03/22/21 10:56	03/25/21 11:27	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1640119	1	03/25/21 00:18	03/25/21 07:35	JN	Mt. Juliet, TN



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Released to Imaging: 3/4/2021 9:18:11 AM ConocoPhillips - Tetra Tech PROJECT: 212C-MD-02466

SDG: L1330245 DA1 03/2

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## CASE NARRATIVE

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



SDG: L1330245

DATE/TIME: 03/25/21 16:57

PAGE: 4 of 14 **Regived by QGD: 5/24/2021 9:23:34 PM** Collected date/time: 03/22/21 10:56

# SAMPLE RESULTS - 01

## Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	
Analyte	%			date / time		2
Total Solids	96.6		1	03/25/2021 10:12	WG1640243	T

#### Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	385		9.52	20.7	1	03/25/2021 12:35	WG1640073

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	6
Analyte	mg/kg		mg/kg	mg/kg		date / time		ľQ
TPH (GC/FID) Low Fraction	U		0.777	3.58	33.8	03/25/2021 12:07	WG1640328	
(S) a,a,a-Trifluorotoluene(FID)	95.4			77.0-120		03/25/2021 12:07	WG1640328	⁷ Gl

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000668	0.00143	1.35	03/25/2021 11:27	WG1640318
Toluene	U		0.00187	0.00716	1.35	03/25/2021 11:27	WG1640318
Ethylbenzene	U		0.00106	0.00358	1.35	03/25/2021 11:27	WG1640318
Total Xylenes	0.00218	<u>B J</u>	0.00126	0.00930	1.35	03/25/2021 11:27	WG1640318
(S) Toluene-d8	113			75.0-131		03/25/2021 11:27	WG1640318
(S) 4-Bromofluorobenzene	93.6			67.0-138		03/25/2021 11:27	WG1640318
(S) 1,2-Dichloroethane-d4	106			70.0-130		03/25/2021 11:27	WG1640318

#### Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	5.43		1.67	4.14	1	03/25/2021 07:35	WG1640119
C28-C40 Oil Range	20.9		0.284	4.14	1	03/25/2021 07:35	WG1640119
(S) o-Terphenyl	59.0			18.0-148		03/25/2021 07:35	WG1640119

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Total Solids by Method 2540 G-2011

#### QUALITY CONTROL SUMMARY L1330245-01

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#### Method Blank (MB)

Method Blank	(MB)					`n
(MB) R3634833-1 (	03/25/21 10:12					.p
	MB Result	MB Qualifier	MB MDL	MB RDL	2	-
Analyte	%		%	%	Tc	С
Total Solids	0.000					
					^³ Ss	S

#### L1330245-01 Original Sample (OS) • Duplicate (DUP)

L1330245-01 Orig	linal Sample	(OS) • Dup	olicate (	DUP)					4
(OS) L1330245-01 03/25	5/21 10:12 • (DUP)	R3634833-3	03/25/21	10:12					Cn
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits			⁵ Sr
Analyte	%	%		%		%			
Total Solids	96.6	96.8	1	0.215		10			6

#### Laboratory Control Sample (LCS)

(LCS) R3634833-2 03/25	5/21 10:12				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

DATE/TIME: 03/25/21 16:57

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Wet Chemistry by Method 300.0

#### QUALITY CONTROL SUMMARY L1330245-01

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#### Method Blank (MB)

					Cn
(MB) R3634737-1 03/25/21	1 11:52				Ср
	MB Result	MB Qualifier	MB MDL	MB RDL	2
Analyte	mg/kg		mg/kg	mg/kg	Тс
Chloride	U		9.20	20.0	

#### Laboratory Control Sample (LCS)

(LCS) R3634737-2 03/25	/21 12:01				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
Chloride	200	190	95.0	90.0-110	

DATE/TIME: 03/25/21 16:57

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#### Reg @ q 6 ba 0 6

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

# QUALITY CONTROL SUMMARY

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#### Method Blank (MB)

(MB) R3634740-3 03/25/2	21 10:53			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	96.7			77.0-120

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

(LCS) R3634740-1 03/25/2	21 09:42 • (LCS	D) R3634740-2	2 03/25/21 10:0	)4						
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%
TPH (GC/FID) Low Fraction	5.50	4.79	4.85	87.1	88.2	72.0-127			1.24	20
(S) a.a.a-Trifluorotoluene(FID)				104	104	77.0-120				

DATE/TIME: 03/25/21 16:57 Volatile Organic Compounds (GC/MS) by Method 8260B

# QUALITY CONTROL SUMMARY

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#### Method Blank (MB)

(MB) R3634702-3 03/25/	21 07:41			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Benzene	U		0.000467	0.00100
Ethylbenzene	U		0.000737	0.00250
Toluene	U		0.00130	0.00500
Xylenes, Total	0.00278	J	0.000880	0.00650
(S) Toluene-d8	111			75.0-131
(S) 4-Bromofluorobenzene	86.4			67.0-138
(S) 1,2-Dichloroethane-d4	96.9			70.0-130

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

(LCS) R3634702-1 03/25/2	21 06:25 • (LCS	D) R3634702-	2 03/25/21 06	:44							-
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits	[′] GI
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%	
Benzene	0.125	0.111	0.110	88.8	88.0	70.0-123			0.905	20	8
Ethylbenzene	0.125	0.118	0.121	94.4	96.8	74.0-126			2.51	20	AI
Toluene	0.125	0.118	0.122	94.4	97.6	75.0-121			3.33	20	9
Xylenes, Total	0.375	0.343	0.336	91.5	89.6	72.0-127			2.06	20	Sc
(S) Toluene-d8				104	104	75.0-131					
(S) 4-Bromofluorobenzene				88.3	90.1	67.0-138					
(S) 1,2-Dichloroethane-d4				117	111	70.0-130					

DATE/TIME: 03/25/21 16:57 Semi-Volatile Organic Compounds (GC) by Method 8015

# QUALITY CONTROL SUMMARY

#### Method Blank (MB)

(MB) R3634675-1 03/25/2	1 07:04				
	MB Result	MB Qualifier	MB MDL	MB RDL	2
Analyte	mg/kg		mg/kg	mg/kg	T
C10-C28 Diesel Range	U		1.61	4.00	_
C28-C40 Oil Range	U		0.274	4.00	³ S
(S) o-Terphenyl	56.8			18.0-148	

#### Laboratory Control Sample (LCS)

(LCS) R3634675-2 03/2	25/21 07:20				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
C10-C28 Diesel Range	50.0	43.9	87.8	50.0-150	
(S) o-Terphenyl			74.5	18.0-148	

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DATE/TIME: 03/25/21 16:57 PAGE: 10 of 14

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#### 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

(dn/)	Pacults are reported based on the dry weight of the sample. [this will only be present on a dry report basis for saile]
	Mothed Detection Limit
	Method Detection Limit.
	Method Detection Limit.
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	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 resul 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 fo 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

PROJECT: 212C-MD-02466

The identification of the analyte is acceptable; the reported value is an estimate.

SDG: L1330245 DATE/TIME: 03/25/21 16:57

# Received by OCD: 5/24/2021 9:23:34 PM CCREDITATIONS & LOCATIONS

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Pace Analytical Natio	onal 12065 Lebanon Rd Mo	ount Juliet, TN 37122	
Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
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
ldaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
lowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky ¹⁶	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ¹⁴	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
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

* 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 Analytical.

SDG: L1330245 DATE/TIME: 03/25/21 16:57 PAGE: 12 of 14

Analysis Request	of Chain of Custody Record		C.C.C.		1. C.			GO	47				N. Salar		13	33.	>24	15	1	Page	9: <u>-</u>	Pa 1 0	ige f 1	64
Ŧ	Tetra Tech, Inc.			9	101 V	Vest W Midland Tel (4 Fax (4	all St 1, Tex 32) 6 132) 6	reet, S (as 79) 82-45 (82-39)	uite 10 701 59 46	10	(* *			[	,1	3	2	29	3	SM	1 33	124		
Client Name:	Conoco Phillips	Site Manage	r.	Christi	ian L	lull						ANALYSIS REQUEST												
Project Name:	EVGSAU 02437-001	Contact Info	Contact Info: Email: christian.llull@tetratech.com Phone: (512) 338-1667					11	Ĩ	1	Ĩ							11	1					
Project Location: county, state)	Lea County, New Mexico	Project #:	Project #: 212C-MD-02446						1 - A	No. of Street	14.1			1		11 The 14	14 - 41 - 18 - 18 - 18 - 18 - 18 - 18 - 18 - 1			-				
nvoice to:	Accounts Payable 901 West Wall Street, Suite 100 Midland, Texas 79701	/	NURST L				高い				an l	6			1						And A	free		
Receiving Laboratory:	Pace Analytical	Sampler Sig	nature:	Jo	hn T	hursto	n		idat a	See.		- MR	SaHo	SeHg				- and	1		12	Identical		1.4
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		YEAR: 2021				T			AINEF	N G	218	SM (,G	OC.	tals Ag	atiles	NOA HI	ol. 82	emi. v )82 / 6		300.0	Sulf	tion Be	R	
LAB USE	SAMPLE IDENTIFICATION	DATE	TIME	WATER		HCL	ICE	NONE	# CONT	FILTERE	BTEX 80	TPH 801	PAH 827 Total Mat	TCLP Me	TCLP Vol	RCI Ser	GC/MS V	PCB's BC	NORM	PLM (Ast Chioride :	Chloride	Anion/Ca	TPH 801	の問
-01	NSW-1	3/22/2021	10:00	X	1		X	14	1	N	х	X	10							X				- Salar
-22	NSW-2	3/22/2021	10:08	X	(		X		1	N	x	X								X		1		_
-03	ESW-1	3/22/2021	10:16	X	(		X		1	N	×	X		-		+	$\square$	1.4	$\square$	X	++			No.
1	ESW-3 (8')	3/22/2021	10:24	×	(	11	X		1	N	×	X		-		-		-	12	X	++	+	-	_
-64	WSW-1	3/22/2021	10:32	×	(		×		1	N	×	X	-	-	$\square$	-	$\square$	-	$\mathbb{H}$	X	++		-	_
-05	WSW-2	3/22/2021	10:40	X	(		X		1	N	X	X		+			$\vdash$	-		X	++		-	_
	WSW-1 (4')	3/22/2021	10:48	X	(		X		1	N	X	X	-	-	1	5	$\square$	-		X	++	+	-	_
61	WSW-2 (4')	3/22/2021	10:56	×	(		X		1	N	X	X	-	- 5		-	$\square$			X	H	+	-	_
-16	ESW-3	3/22/2021	11:04	>	<		X		1	N	×	X	.05	-	$\square$	-5	$\square$	+		×	++	+		_
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COC Seal Pre COC Signed/A	ccurate:N VOA Zero Headspace: ccurate:N Pres.Correct/Check:	DRIGIN	AL COPY	'	1	0	3-1	153			(Cir	cle) H	AND	DELIV	ERED	FEI	DEX	UPS	Tra	cking #			-	1
Bottles arri	tles used:	24									FE	D-1	X.	14	do	2 (	08	13	1,2	141	-			

Released to Imaging: 8/4/2021 9:18:11 AM

# L1329551 *COPTETRA* RUSH relog from hold 03-153

Acceived ph OCD: 2/24/5051 8:53:34 bw R1/R2 X, GRO, DRORLA, TS. Log as R2 due Please log hold sample WSW-2 (4') for CHLORIDE-300, V8260BTEX, GRO, DRORLA, TS. Log as R2 due 3/25.

Thanks,

Chris

From: Dickerson, Ryan <Ryan.Dickerson@tetratech.com>

Sent: Wednesday, March 24, 2021 1:02 PM

To: Chris McCord <Chris.McCord@pacelabs.com>

Cc: Thurston, John <John.Thurston@tetratech.com>; Myler, John <John.Myler@tetratech.com>; Llull, Christian <Christian.Llull@tetratech.com>

Subject: L1329551

CAUTION: This email originated from outside Pace Analytical. Do not click links or open attachments unless you recognize the sender and know the content is safe. Chris.

Can you run the held sample WSW-2 (4') on the L1329551 COC on 24-hr TAT?

Direct +1 (512) 338-2889 | Main +1 (512) 338-1667 | Cell +1 (512) 217-7254 | Ryan Dickerson | Senior Staff Geologist

ryan.dickerson@tetratech.com<mailto:ryan.dickerson@tetratech.com>

8911 N. Capital of TX Hwy. | Bldg. 2, Ste 2310 | Austin, TX 78759 | tetratech.com Tetra Tech | Leading with Science(r) | OGA

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P Please consider the environment before printing this email

estimate: oh Time spent: oh	ers
 Time estimate:	 Members

Christopher McCord (responsible)

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ace Analy	<i>rtical</i> ® ANALYT	ICAL REPORT	¹ Cp
			² Tc
	ConocoPhillips - Te	tra Tech	³ Ss
	Sample Delivery Group:	L1330539	Ċr
	Samples Received:	03/25/2021	⁵ Sr
	Project Number:	212C-MD-02466	
	Description:	EVGSAU 02437-001	⁶ Q0
	Site:	LEA COUNTY, NEW MEXICO	7
	Report To:	Christian Llull	GI
		901 West Wall	⁸ AI
		Suite 100	
		Midland. TX 79701	ီSc

## Entire Report Reviewed By:

Chu, toph June

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.

# Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

Released to Imaging: 3/1/2021 9:18:11 AM ConocoPhillips - Tetra Tech PROJECT: 212C-MD-02466

SDG: L1330539

03

DATE/TIME: 03/26/21 16:58

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PROJECT: 212C-MD-02466

SDG: L1330539

DATE/TIME: 03/26/21 16:58

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# SAMPLE SUMMARY

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Ср

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			Collected by	Collected date/time	Received da	te/time
FS-1 L1330539-01 Solid			John Thurston	03/24/21 11:00	03/25/21 09:	:00
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Total Solids by Method 2540 G-2011	WG1640461	1	03/25/21 15:03	03/25/21 15:04	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1640073	1	03/25/21 14:22	03/25/21 15:59	GB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1640587	1	03/25/21 12:59	03/25/21 23:55	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1640610	1	03/25/21 12:59	03/25/21 18:58	TPR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1640966	1	03/25/21 12:59	03/26/21 11:14	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1640493	1	03/25/21 16:31	03/26/21 04:54	DMG	Mt. Juliet, TN

FS-2 L1330539-02 Solid	Collected by John Thurston	Collected date/time 03/24/21 11:12	Received date/time 03/25/21 09:00			
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1640461	1	03/25/21 15:03	03/25/21 15:04	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1640073	1	03/25/21 14:22	03/25/21 16:08	GB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1640587	1	03/25/2112:59	03/26/21 00:17	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1640610	1	03/25/2112:59	03/25/21 19:19	TPR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1640493	1	03/25/21 16:31	03/26/21 05:08	DMG	Mt. Juliet, TN

FS-4 L1330539-03 Solid	Collected by John Thurston	Collected date/time 03/24/21 11:20	Received date/time 03/25/21 09:00			
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1640461	1	03/25/21 15:03	03/25/21 15:04	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1640073	1	03/25/21 14:22	03/25/21 16:27	GB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1640587	1	03/25/2112:59	03/26/21 00:39	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1640610	1	03/25/2112:59	03/25/21 19:40	TPR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1640493	1	03/25/21 16:31	03/26/21 05:21	DMG	Mt. Juliet, TN

			Collected by	Collected date/time	Received date/time		
FS-5 L1330539-04 Solid	John Thurston	03/24/21 11:30	03/25/21 09:00				
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location	
			date/time	date/time			
Total Solids by Method 2540 G-2011	WG1640461	1	03/25/21 15:03	03/25/21 15:04	KDW	Mt. Juliet, TN	
Wet Chemistry by Method 300.0	WG1640073	5	03/25/21 14:22	03/25/21 16:37	GB	Mt. Juliet, TN	
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1640587	1	03/25/21 12:59	03/26/21 01:01	DWR	Mt. Juliet, TN	
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1640610	1	03/25/21 12:59	03/25/21 20:01	TPR	Mt. Juliet, TN	
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1640493	1	03/25/21 16:31	03/26/21 05:35	DMG	Mt. Juliet, TN	

			Collected by	Collected date/time	Received date/time		
FS-6 L1330539-05 Solid	John Thurston	03/24/21 11:37	03/25/21 09:00	)			
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location	
			date/time	date/time			
Total Solids by Method 2540 G-2011	WG1640461	1	03/25/2115:03	03/25/21 15:04	KDW	Mt. Juliet, TN	
Wet Chemistry by Method 300.0	WG1640073	5	03/25/2114:22	03/25/21 16:46	GB	Mt. Juliet, TN	
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1640587	1	03/25/2112:59	03/26/21 01:23	DWR	Mt. Juliet, TN	
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1640610	1	03/25/2112:59	03/25/21 20:22	TPR	Mt. Juliet, TN	
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1640493	1	03/25/2116:31	03/26/21 05:48	DMG	Mt. Juliet, TN	

PROJECT: 212C-MD-02466

SDG: L1330539 DATE/TIME: 03/26/21 16:58

## SAMPLE SUMMARY

Collected by Collected date/time Received date/time John Thurston 03/24/21 11:42 03/25/21 09:00 WSW-3 (4') L1330539-06 Solid Method Batch Dilution Preparation Analysis Analyst Location date/time date/time KDW Total Solids by Method 2540 G-2011 WG1640461 1 03/25/21 15:03 03/25/21 15:04 Mt. Juliet, TN Wet Chemistry by Method 300.0 WG1640073 1 03/25/21 14:22 03/25/21 16:56 GB Mt. Juliet, TN Volatile Organic Compounds (GC) by Method 8015D/GRO WG1640587 03/25/2112:59 DWR Mt. Juliet, TN 1 03/26/21 01:44 Volatile Organic Compounds (GC/MS) by Method 8260B WG1640610 TPR Mt. Juliet, TN 1 03/25/2112:59 03/25/21 20:43 Semi-Volatile Organic Compounds (GC) by Method 8015 WG1640493 DMG Mt. Juliet, TN 2 03/25/2116:31 03/26/21 06:15

			Collected by	Collected date/time	Received dat	e/time
SSW-1 (25') L1330539-07 Solid	John Thurston	03/24/21 11:48	03/25/21 09:0	00		
Method	Batch	Dilution	Preparation	Analysis	Analyst	Location
			date/time	date/time		
Total Solids by Method 2540 G-2011	WG1640461	1	03/25/21 15:03	03/25/2115:04	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1640073	5	03/25/21 14:22	03/25/21 17:05	GB	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1640587	1	03/25/21 12:59	03/26/21 02:06	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1640610	1	03/25/21 12:59	03/25/21 21:04	TPR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1640493	1	03/25/21 16:31	03/26/21 06:02	DMG	Mt. Juliet, TN

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²Tc ³Ss ⁴Cn ⁵Sr ⁶Qc ⁷Gl ⁸Al

Sc

## CASE NARRATIVE

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



SDG: L1330539

DATE/TIME: 03/26/21 16:58 PAGE: 5 of 21

# SAMPLE RESULTS - 01

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Total Solids by Method 2540 G-2011

Collected date/time: 03/24/21 11:00

						1'Cr
	Result	Qualifier	Dilution	Analysis	Batch	
Analyte	%			date / time		2
Total Solids	87.9		1	03/25/2021 15:04	WG1640461	Tc

#### Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	77.9		10.5	22.8	1	03/25/2021 15:59	WG1640073

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg	mg/kg		date / time		
TPH (GC/FID) Low Fraction	U		0.0247	0.114	1	03/25/2021 23:55	WG1640587	
(S) a,a,a-Trifluorotoluene(FID)	94.8			77.0-120		03/25/2021 23:55	WG1640587	

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000596	0.00128	1	03/25/2021 18:58	WG1640610
Toluene	U		0.00166	0.00638	1	03/25/2021 18:58	WG1640610
Ethylbenzene	U		0.000941	0.00319	1	03/25/2021 18:58	WG1640610
Total Xylenes	0.00211	J	0.00112	0.00830	1	03/26/2021 11:14	WG1640966
(S) Toluene-d8	109			75.0-131		03/25/2021 18:58	WG1640610
(S) Toluene-d8	106			75.0-131		03/26/2021 11:14	WG1640966
(S) 4-Bromofluorobenzene	83.6			67.0-138		03/25/2021 18:58	WG1640610
(S) 4-Bromofluorobenzene	77.9			67.0-138		03/26/2021 11:14	WG1640966
(S) 1,2-Dichloroethane-d4	95.6			70.0-130		03/25/2021 18:58	WG1640610
(S) 1,2-Dichloroethane-d4	109			70.0-130		03/26/2021 11:14	WG1640966

#### Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.83	4.55	1	03/26/2021 04:54	WG1640493
C28-C40 Oil Range	0.978	Ţ	0.312	4.55	1	03/26/2021 04:54	<u>WG1640493</u>
(S) o-Terphenyl	46.5			18.0-148		03/26/2021 04:54	WG1640493

# SAMPLE RESULTS - 02

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Collected date/time: 03/24/21 11:12

	Result	Qualifie	r Dilution	Analysis		Batch		
Analyte	%			date / time				
Total Solids	91.1		1	03/25/2021 15:04	4	WG1640461		
Wet Chemistry	by Method 300	.0						
Wet Chemistry	by Method 300 Result (dry)	.0 Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	
Wet Chemistry Analyte	by Method 300 Result (dry) mg/kg	.0 <u>Qualifier</u>	<b>MDL (dry)</b> mg/kg	<b>RDL (dry)</b> mg/kg	Dilution	Analysis date / time	Batch	

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg	mg/kg		date / time		
TPH (GC/FID) Low Fraction	U		0.0238	0.110	1	03/26/2021 00:17	WG1640587	
(S) a,a,a-Trifluorotoluene(FID)	94.3			77.0-120		03/26/2021 00:17	WG1640587	

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000559	0.00120	1	03/25/2021 19:19	WG1640610
Toluene	U		0.00156	0.00598	1	03/25/2021 19:19	<u>WG1640610</u>
Ethylbenzene	U		0.000882	0.00299	1	03/25/2021 19:19	WG1640610
Total Xylenes	U		0.00105	0.00778	1	03/25/2021 19:19	<u>WG1640610</u>
(S) Toluene-d8	105			75.0-131		03/25/2021 19:19	WG1640610
(S) 4-Bromofluorobenzene	81.3			67.0-138		03/25/2021 19:19	<u>WG1640610</u>
(S) 1,2-Dichloroethane-d4	93.4			70.0-130		03/25/2021 19:19	WG1640610

#### Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.77	4.39	1	03/26/2021 05:08	WG1640493
C28-C40 Oil Range	0.883	Ţ	0.301	4.39	1	03/26/2021 05:08	WG1640493
(S) o-Terphenyl	52.9			18.0-148		03/26/2021 05:08	WG1640493
#### SAMPLE RESULTS - 03 L1330539

## Total Solids by Method 2540 G-2011

Collected date/time: 03/24/21 11:20

-						I'C
	Result	Qualifier	Dilution	Analysis	Batch	
Analyte	%			date / time		2
Total Solids	85.3		1	03/25/2021 15:04	WG1640461	Tc

#### Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	567		10.8	23.5	1	03/25/2021 16:27	WG1640073

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

								1
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	 6
Analyte	mg/kg		mg/kg	mg/kg		date / time		[°] Q(
TPH (GC/FID) Low Fraction	U		0.0254	0.117	1	03/26/2021 00:39	WG1640587	
(S) a,a,a-Trifluorotoluene(FID)	95.3			77.0-120		03/26/2021 00:39	WG1640587	⁷ Gl

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000628	0.00135	1	03/25/2021 19:40	WG1640610
Toluene	U		0.00175	0.00673	1	03/25/2021 19:40	<u>WG1640610</u>
Ethylbenzene	U		0.000992	0.00336	1	03/25/2021 19:40	WG1640610
Total Xylenes	U		0.00118	0.00875	1	03/25/2021 19:40	WG1640610
(S) Toluene-d8	103			75.0-131		03/25/2021 19:40	WG1640610
(S) 4-Bromofluorobenzene	86.6			67.0-138		03/25/2021 19:40	WG1640610
(S) 1,2-Dichloroethane-d4	99.5			70.0-130		03/25/2021 19:40	WG1640610

## Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.89	4.69	1	03/26/2021 05:21	WG1640493
C28-C40 Oil Range	1.16	Ţ	0.321	4.69	1	03/26/2021 05:21	WG1640493
(S) o-Terphenyl	44.2			18.0-148		03/26/2021 05:21	WG1640493

SDG: L1330539

DATE/TIME: 03/26/21 16:58 Ss Cn

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Sc

## SAMPLE RESULTS - 04

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Total Solids by Method 2540 G-2011

Collected date/time: 03/24/21 11:30

	· ·						1'Cr
		Result	Qualifier	Dilution	Analysis	Batch	
Analyte		%			date / time		2
Total Solids		91.9		1	03/25/2021 15:04	WG1640461	Tc

#### Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	2720		50.0	109	5	03/25/2021 16:37	WG1640073

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	6
Analyte	mg/kg		mg/kg	mg/kg		date / time		ČQ
TPH (GC/FID) Low Fraction	U		0.0236	0.109	1	03/26/2021 01:01	WG1640587	
(S) a,a,a-Trifluorotoluene(FID)	94.5			77.0-120		03/26/2021 01:01	WG1640587	⁷ Gl

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000549	0.00118	1	03/25/2021 20:01	WG1640610
Toluene	U		0.00153	0.00588	1	03/25/2021 20:01	<u>WG1640610</u>
Ethylbenzene	U		0.000867	0.00294	1	03/25/2021 20:01	WG1640610
Total Xylenes	U		0.00104	0.00765	1	03/25/2021 20:01	WG1640610
(S) Toluene-d8	110			75.0-131		03/25/2021 20:01	WG1640610
(S) 4-Bromofluorobenzene	82.2			67.0-138		03/25/2021 20:01	<u>WG1640610</u>
(S) 1,2-Dichloroethane-d4	91.7			70.0-130		03/25/2021 20:01	WG1640610

## Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	4.87		1.75	4.35	1	03/26/2021 05:35	WG1640493
C28-C40 Oil Range	14.5		0.298	4.35	1	03/26/2021 05:35	WG1640493
(S) o-Terphenyl	58.5			18.0-148		03/26/2021 05:35	WG1640493

## SAMPLE RESULTS - 05

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Total Solids by Method 2540 G-2011

Collected date/time: 03/24/21 11:37

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	Result	Qualifier	Dilution	Analysis	Batch	
Analyte	%			date / time		2
Total Solids	87.6		1	03/25/2021 15:04	WG1640461	Tc

#### Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	1680		52.5	114	5	03/25/2021 16:46	WG1640073

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	E D	6
Analyte	mg/kg		mg/kg	mg/kg		date / time			[°] Q(
TPH (GC/FID) Low Fraction	U		0.0248	0.114	1	03/26/2021 01:23	WG1640587	L	
(S) a,a,a-Trifluorotoluene(FID)	95.7			77.0-120		03/26/2021 01:23	WG1640587		⁷ Gl

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000599	0.00128	1	03/25/2021 20:22	<u>WG1640610</u>
Toluene	U		0.00167	0.00641	1	03/25/2021 20:22	WG1640610
Ethylbenzene	U		0.000945	0.00321	1	03/25/2021 20:22	WG1640610
Total Xylenes	U		0.00113	0.00833	1	03/25/2021 20:22	<u>WG1640610</u>
(S) Toluene-d8	104			75.0-131		03/25/2021 20:22	WG1640610
(S) 4-Bromofluorobenzene	82.5			67.0-138		03/25/2021 20:22	WG1640610
(S) 1,2-Dichloroethane-d4	96.4			70.0-130		03/25/2021 20:22	WG1640610

## Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.84	4.56	1	03/26/2021 05:48	WG1640493
C28-C40 Oil Range	3.94	J	0.313	4.56	1	03/26/2021 05:48	<u>WG1640493</u>
(S) o-Terphenyl	57.4			18.0-148		03/26/2021 05:48	WG1640493

<u> Rengined by QGD: 5/24/2021 9:23:34 РМ</u> Collected date/time: 03/24/21 11:42

#### SAMPLE RESULTS - 06 L1330539

## Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch		-
Analyte	%			date / time		2	_
Total Solids	96.8		1	03/25/2021 15:04	WG1640461		Γ

#### Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	562		9.51	20.7	1	03/25/2021 16:56	WG1640073

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	6
Analyte	mg/kg		mg/kg	mg/kg		date / time		ľQ
TPH (GC/FID) Low Fraction	U		0.0224	0.103	1	03/26/2021 01:44	WG1640587	
(S) a,a,a-Trifluorotoluene(FID)	93.9			77.0-120		03/26/2021 01:44	WG1640587	⁷ Gl

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000498	0.00107	1	03/25/2021 20:43	WG1640610
Toluene	U		0.00139	0.00533	1	03/25/2021 20:43	<u>WG1640610</u>
Ethylbenzene	U		0.000786	0.00267	1	03/25/2021 20:43	WG1640610
Total Xylenes	U		0.000938	0.00693	1	03/25/2021 20:43	<u>WG1640610</u>
(S) Toluene-d8	110			75.0-131		03/25/2021 20:43	WG1640610
(S) 4-Bromofluorobenzene	80.2			67.0-138		03/25/2021 20:43	<u>WG1640610</u>
(S) 1,2-Dichloroethane-d4	88.4			70.0-130		03/25/2021 20:43	WG1640610

## Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	91.3		3.33	8.27	2	03/26/2021 06:15	WG1640493
C28-C40 Oil Range	245		0.566	8.27	2	03/26/2021 06:15	WG1640493
(S) o-Terphenyl	58.8			18.0-148		03/26/2021 06:15	WG1640493

SDG: L1330539

DATE/TIME: 03/26/21 16:58 Ss Cn

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#### SAMPLE RESULTS - 07 L1330539

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## Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch		С
Analyte	%			date / time		5	,
Total Solids	92.3		1	03/25/2021 15:04	WG1640461		T

#### Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	2110		49.8	108	5	03/25/2021 17:05	WG1640073

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	6
Analyte	mg/kg		mg/kg	mg/kg		date / time		ŮQ
TPH (GC/FID) Low Fraction	U		0.0235	0.108	1	03/26/2021 02:06	WG1640587	
(S) a,a,a-Trifluorotoluene(FID)	94.5			77.0-120		03/26/2021 02:06	<u>WG1640587</u>	⁷ Gl

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000545	0.00117	1	03/25/2021 21:04	<u>WG1640610</u>
Toluene	U		0.00152	0.00583	1	03/25/2021 21:04	<u>WG1640610</u>
Ethylbenzene	U		0.000860	0.00292	1	03/25/2021 21:04	WG1640610
Total Xylenes	U		0.00103	0.00758	1	03/25/2021 21:04	<u>WG1640610</u>
(S) Toluene-d8	109			75.0-131		03/25/2021 21:04	<u>WG1640610</u>
(S) 4-Bromofluorobenzene	83.1			67.0-138		03/25/2021 21:04	<u>WG1640610</u>
(S) 1,2-Dichloroethane-d4	96.4			70.0-130		03/25/2021 21:04	WG1640610

## Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	26.4		1.74	4.33	1	03/26/2021 06:02	WG1640493
C28-C40 Oil Range	47.2		0.297	4.33	1	03/26/2021 06:02	WG1640493
(S) o-Terphenyl	53.7			18.0-148		03/26/2021 06:02	WG1640493

SDG: L1330539

DATE/TIME: 03/26/21 16:58

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Total Solids by Method 2540 G-2011

#### QUALITY CONTROL SUMMARY L1330539-01,02,03,04,05,06,07

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## Method Blank (MB)

Method Blank	(IVIB)				1 Cn
(MB) R3635071-1 0	3/25/21 15:04				Срі
	MB Result	MB Qualifier	MB MDL	MB RDL	2
Analyte	%		%	%	Tc
Total Solids	0.00100				
					³ Ss

#### L1330585-01 Original Sample (OS) • Duplicate (DUP)

LI330585-010	riginal Sample	$(OS) \cdot Du$	plicate (	DUP)		
(OS) L1330585-01 03	3/25/21 15:04 • (DUP	) R3635071-3	03/25/21	15:04		
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	90.9	90.3	1	0.658		10

## Laboratory Control Sample (LCS)

(LCS) R3635071-2 03/25/	(LCS) R3635071-2 03/25/21 15:04							
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier			
Analyte	%	%	%	%				
Total Solids	50.0	50.0	100	85.0-115				

SDG: L1330539

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## Reg @ 6by 0 6D7 3/24/2021 9:23:34 PM

Wet Chemistry by Method 300.0

#### QUALITY CONTROL SUMMARY L1330539-01,02,03,04,05,06,07

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## Method Blank (MB)

(MB) R3634737-1 03/25/2	21 11:52			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Chloride	U		9.20	20.0

## L1330301-01 Original Sample (OS) • Duplicate (DUP)

L1330301-01 Origin	iai Sampie (	(OS) • Dup	licate (L	JUP)		
(OS) L1330301-01 03/25/2	21 13:29 • (DUP)	R3634737-3	03/25/211	3:39		
	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chloride	11.3	U	1	200	<u>P1</u>	20

## L1330539-02 Original Sample (OS) • Duplicate (DUP)

L1330539-02 Origir	nal Sample	(OS) • Dup	olicate	(DUP)			⁷ Gl
(OS) L1330539-02 03/25/2	21 16:08 • (DUP	) R3634737-6	03/25/21	16:18			
	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits	⁸ Al
Analyte	mg/kg	mg/kg		%		%	
Chloride	155	159	1	2.88		20	⁹ Sc

#### Laboratory Control Sample (LCS)

(LCS) R3634737-2 03/25/2	21 12:01				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
Chloride	200	190	95.0	90.0-110	

## L1330301-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1330301-01 03/25/2	1 13:29 • (MS) R	3634737-4 03	/25/21 13:48 • (	MSD) R363473	7-5 03/25/211	3:58						
	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Chloride	597	11.3	588	629	96.5	103	1	80.0-120			6.74	20

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	ConocoPhillips - Tetra	Tech

PROJECT: 212C-MD-02466

SDG: L1330539

DATE/TIME: 03/26/21 16:58

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

#### QUALITY CONTROL SUMMARY 1330539-01,02,03,04,05,06,07

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#### Method Blank (MB)

(MB) R3635059-2 03/25/2	21 21:39				Cp
	MB Result	MB Qualifier	MB MDL	MB RDL	2
Analyte	mg/kg		mg/kg	mg/kg	Tc
TPH (GC/FID) Low Fraction	U		0.0217	0.100	
(S) a,a,a-Trifluorotoluene(FID)	97.5			77.0-120	³ Ss

## Laboratory Control Sample (LCS)

(LCS) R3635059-1 03/25	/21 20:56				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
TPH (GC/FID) Low Fraction	5.50	5.59	102	72.0-127	
(S) a.a.a-Trifluorotoluene(FID)			106	77.0-120	

³ Ss
⁴ Cn
⁵Sr
⁶ Qc
⁷ Gl
[°] Al
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DATE/TIME: 03/26/21 16:58 PAGE: 15 of 21 Volatile Organic Compounds (GC/MS) by Method 8260B

#### QUALITY CONTROL SUMMARY 1330539-01,02,03,04,05,06,07

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## Method Blank (MB)

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(MB) R3635038-3 03/25	/21 11:16				Ср
	MB Result	MB Qualifier	MB MDL	MB RDL	2
Analyte	mg/kg		mg/kg	mg/kg	Тс
Benzene	U		0.000467	0.00100	
Ethylbenzene	U		0.000737	0.00250	³ Ss
Toluene	U		0.00130	0.00500	00
Xylenes, Total	U		0.000880	0.00650	4
(S) Toluene-d8	109			75.0-131	Cn
(S) 4-Bromofluorobenzene	77.9			67.0-138	
(S) 1,2-Dichloroethane-d4	96.3			70.0-130	⁵Sr

## Laboratory Control Sample (LCS)

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(LCS) R3635038-1 03/25	5/21 09:52					_
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier	GI
Analyte	mg/kg	mg/kg	%	%	l	
Benzene	0.125	0.101	80.8	70.0-123		⁸ ^ I
Ethylbenzene	0.125	0.105	84.0	74.0-126		AI
Toluene	0.125	0.107	85.6	75.0-121		9
Xylenes, Total	0.375	0.308	82.1	72.0-127		Sc
(S) Toluene-d8			99.2	75.0-131	l	
(S) 4-Bromofluorobenzene			92.7	67.0-138		
(S) 1,2-Dichloroethane-d4			109	70.0-130		

SDG: L1330539 DATE/TIME: 03/26/21 16:58 PAGE: 16 of 21 Volatile Organic Compounds (GC/MS) by Method 8260B

#### QUALITY CONTROL SUMMARY L1330539-01

Method Blank (MB)	)			1	Cn
(MB) R3635138-3 03/26/2	21 10:34				Ср
	MB Result	MB Qualifier	MB MDL	MB RDL	2
Analyte	mg/kg		mg/kg	mg/kg	Tc
Xylenes, Total	U		0.000880	0.00650	
(S) Toluene-d8	109			75.0-131	Ss
(S) 4-Bromofluorobenzene	97.9			67.0-138	<u> </u>
(S) 1,2-Dichloroethane-d4	108			70.0-130	4
					Cn

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

(LCS) R3635138-4 03/26/2	21 09:37 • (LCSI	D) R3635138-5	03/26/21 13:2	6						
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%
Xylenes, Total	0.375	0.345	0.342	92.0	91.2	72.0-127			0.873	20
(S) Toluene-d8				97.8	108	75.0-131				
(S) 4-Bromofluorobenzene				93.5	92.8	67.0-138				
(S) 1,2-Dichloroethane-d4				124	106	70.0-130				

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DATE/TIME: 03/26/21 16:58

PAGE: 17 of 21 Semi-Volatile Organic Compounds (GC) by Method 8015

## QUALITY CONTROL SUMMARY

#### Method Blank (MB)

(MB) R3635051-1 03/25/21 23:08									
	MB Result	MB Qualifier	MB MDL	MB RDL	2				
Analyte	mg/kg		mg/kg	mg/kg	Тс				
C10-C28 Diesel Range	U		1.61	4.00					
C28-C40 Oil Range	U		0.274	4.00	³ Ss				
(S) o-Terphenyl	58.6			18.0-148					

## Laboratory Control Sample (LCS)

LCS) R3635051-2 03/2	25/21 23:21				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
nalyte	mg/kg	mg/kg	%	%	
0-C28 Diesel Range	50.0	30.9	61.8	50.0-150	
(S) o-Terphenyl			75.7	18.0-148	

#### L1330539-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1330539-06 03/26/2	21 06:15 • (MS)	R3635051-3 0	3/26/21 06:29	• (MSD) R3635	051-4 03/26/2	1 06:42						
	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
C10-C28 Diesel Range	50.8	91.3	145	133	105	82.0	2	50.0-150			8.18	20
(S) o-Terphenyl					53.0	79.7		18.0-148				

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#### 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.

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RPD value not applicable for sample concentrations less than 5 times the reporting limit.

SDG: L1330539

## Received by OCD: 5/24/2021 9:23:34 PM CCREDITATIONS & LOCATIONS

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Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
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
lowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky ¹⁶	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ¹⁴	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
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

* 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 Analytical.

SDG: L1330539

TŁ	Tetra Tech, Inc.			901 West Wall Street, Suite 100 Midland, Texas 79701 Tel (432) 682-4559 Fax (432) 682-3946											973.		1	13	1330539							
Client Name:	Conoco Phillips	Site Manager: Christian Llull							ANALYSIS REQUEST (Circle or Specify Method No.)																	
Project Name:	EVGSAU 02437-001	Contact Info	¢	Emai Phon	l: chri e: (51	istian. 12) 33	llull@ 8-166	tetrateo 7	ch.com			1	1	(Cir)	cle 	or \$	Spe 	eif	у М 	eth	od I	NO.)				
Project Location: county, state)	Lea County, New Mexico	Project #:		212C	-MD-	0246	6			ile. T	1		1000	12				1.1								
nvoice to:	Accounts Payable 901 West Wall Street, Suite 100 Midland, Texas 7970	1								- 		6						-	3			list)				
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e Analytical [®]	ANALY II ( March	29, 2021	¹ Cp
			² Tc
1	ConocoPhillips - Tetra	Tech	³ Ss
:	Sample Delivery Group:	L1331667	Cn
:	Samples Received:	03/25/2021	⁵ Sr
I	Project Number:	212C-MD-02466	
I	Description:	EVGSAU 02437-001	⁶ Qc
I	Report To:	Christian Llull	⁷ Gl
		901 West Wall	⁸ AI
		Suite 100	
		Midland, TX 79701	Sc

## Entire Report Reviewed By:

Erica Mc Neese

Erica McNeese Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be 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.

## Pace Analytical National

Mount Juliet, TN 37122 12065 Lebanon Rd 615-758-5858 800-767-5859 www.pacenational.com

Released to Imaging: %/4/2021 9:18:11 AM ConocoPhillips - Tetra Tech

PROJECT: 212C-MD-02466

SDG: L1331667

DATE/TIME: 03/29/21 15:31 PAGE: 1 of 14

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SDG: L1331667

DAT 03/29 PAGE: 2 of 14

## SAMPLE SUMMARY

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SSW-1 (45') L1331667-01 Solid			Collected by John Thurston	Collected date/time 03/24/21 11:55	Received da 03/25/21 09:	te/time 00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1641806	1	03/28/21 12:15	03/28/21 12:23	СМК	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1641776	1	03/28/21 11:37	03/29/21 12:11	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1641782	1	03/28/21 08:17	03/29/21 09:50	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1641780	1	03/28/21 08:17	03/28/21 14:24	ACG	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1641735	1	03/28/21 19:50	03/29/21 05:48	JN	Mt. Juliet, TN



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#### Released to Imaging: 3/4/2021 9:18:11 AM ConocoPhillips - Tetra Tech

PROJECT: 212C-MD-02466

SDG: L1331667 DATE/TIME: 03/29/21 15:31

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## CASE NARRATIVE

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 Mc Neese

Erica McNeese Project Manager



PROJECT: 212C-MD-02466

SDG: L1331667

DATE/TIME: 03/29/21 15:31

PAGE: 4 of 14 Received 4499D: 5/24/2021 9:23:34 PM Collected date/time: 03/24/21 11:55

#### SAMPLE RESULTS - 01 L1331667

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## Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	C
Analyte	%			date / time		2
Total Solids	94.7		1	03/28/202112:23	WG1641806	T

#### Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	321		9.71	21.1	1	03/29/2021 12:11	WG1641776

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	 6
Analyte	mg/kg		mg/kg	mg/kg		date / time		[°] Q0
TPH (GC/FID) Low Fraction	U		0.0229	0.106	1	03/29/2021 09:50	WG1641782	
(S) a,a,a-Trifluorotoluene(FID)	91.3			77.0-120		03/29/2021 09:50	WG1641782	⁷ Gl

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.00161		0.000519	0.00111	1	03/28/2021 14:24	WG1641780
Toluene	U		0.00145	0.00556	1	03/28/2021 14:24	WG1641780
Ethylbenzene	U		0.000819	0.00278	1	03/28/2021 14:24	WG1641780
Total Xylenes	U		0.000978	0.00723	1	03/28/2021 14:24	WG1641780
(S) Toluene-d8	97.8			75.0-131		03/28/2021 14:24	WG1641780
(S) 4-Bromofluorobenzene	104			67.0-138		03/28/2021 14:24	WG1641780
(S) 1,2-Dichloroethane-d4	120			70.0-130		03/28/2021 14:24	WG1641780

## Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	7.71		1.70	4.22	1	03/29/2021 05:48	WG1641735
C28-C40 Oil Range	17.1		0.289	4.22	1	03/29/2021 05:48	WG1641735
(S) o-Terphenyl	47.4			18.0-148		03/29/2021 05:48	WG1641735

SDG: L1331667 DATE/TIME:

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Total Solids by Method 2540 G-2011

#### QUALITY CONTROL SUMMARY L1331667-01

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## Method Blank (MB)

Method Blank	(IVIB)				1 Cp
(MB) R3635678-1 C	)3/28/21 12:23				Cp
	MB Result	MB Qualifier	MB MDL	MB RDL	2
Analyte	%		%	%	Tc
Total Solids	0.000				
					³ Ss

## L1331481-02 Original Sample (OS) • Duplicate (DUP)

L1331481-02 Origin	al Sample (	0S) • Dup	licate (L	JUP)			⁴ Cn
(OS) L1331481-02 03/28/2	21 12:23 • (DUP)	R3635678-3	03/28/211	2:23			
Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits	⁵ Sr
Total Solids	78.9	78.8	1	0.166		10	⁶ Qc

## Laboratory Control Sample (LCS)

(LCS) R3635678-2 03/28	3/21 12:23				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	%	%	%	%	
Total Solids	50.0	50.0	99.9	85.0-115	

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Wet Chemistry by Method 300.0

#### QUALITY CONTROL SUMMARY L1331667-01

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#### Method Blank (MB)

(MB) R3635804-1 03/29	9/21 11:23			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Chloride	U		9.20	20.0

#### L1331667-01 Original Sample (OS) • Duplicate (DUP)

L1331667-01 Origi	inal Sample (	(OS) • Dup	licate (L	JUP)					4
(OS) L1331667-01 03/29	9/21 12:11 • (DUP) F	3635804-3 (	03/29/2112	2:27					Cn
	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits			⁵ Sr
Analyte	mg/kg	mg/kg		%		%			
Chloride	321	316	1	1.68		20			⁶ Qd

## Laboratory Control Sample (LCS)

(LCS) R3635804-2 03/2	9/21 11:39				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
Chloride	200	205	102	90.0-110	

DATE/TIME: 03/29/21 15:31

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

# QUALITY CONTROL SUMMARY

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#### Method Blank (MB)

	)				$^{1}Cn$
(MB) R3635731-3 03/29/2	21 03:00				- [Cp
	MB Result	MB Qualifier	MB MDL	MB RDL	2
Analyte	mg/kg		mg/kg	mg/kg	Тс
TPH (GC/FID) Low Fraction	U		0.0217	0.100	
(S) a,a,a-Trifluorotoluene(FID)	97.1			77.0-120	³ Ss

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

_CS) R3635731-1 03/29/21 01:36 • (LCSD) R3635731-2 03/29/21 01:58										
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%
TPH (GC/FID) Low Fraction	5.50	5.91	6.02	107	109	72.0-127			1.84	20
(S) a.a.a-Trifluorotoluene(FID)				112	113	77.0-120				

DATE/TIME: 03/29/21 15:31

PAGE: 8 of 14 Volatile Organic Compounds (GC/MS) by Method 8260B

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#### Method Blank (MB)

(MB) R3635682-3 03/28/	MB) R3635682-3 03/28/2112:52								
	MB Result	MB Qualifier	MB MDL	MB RDL					
Analyte	mg/kg		mg/kg	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	97.2			75.0-131					
(S) 4-Bromofluorobenzene	101			67.0-138					
(S) 1,2-Dichloroethane-d4	118			70.0-130					

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

(LCS) R3635682-1 03/28/	'21 11:37 • (LCSD	) R3635682-2	03/28/21 11:56	5							7
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits	[′] Gl
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%	
Benzene	0.125	0.124	0.124	99.2	99.2	70.0-123			0.000	20	⁸ A I
Ethylbenzene	0.125	0.110	0.110	88.0	88.0	74.0-126			0.000	20	A
Toluene	0.125	0.112	0.113	89.6	90.4	75.0-121			0.889	20	9
Xylenes, Total	0.375	0.324	0.324	86.4	86.4	72.0-127			0.000	20	Sc
(S) Toluene-d8				96.2	96.3	75.0-131					
(S) 4-Bromofluorobenzene				99.1	97.8	67.0-138					
(S) 1,2-Dichloroethane-d4				120	124	70.0-130					

## L1330841-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

OS) L1330841-02 03/28/21 15:02 • (MS) R3635682-4 03/28/21 20:41 • (MSD) R3635682-5 03/28/21 21:00												
	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Benzene	0.0627	U	0.0562	0.0605	89.7	96.6	1	10.0-149			7.35	37
Ethylbenzene	0.0627	U	0.0499	0.0544	79.7	86.8	1	10.0-160			8.50	38
Toluene	0.0627	U	0.0509	0.0561	81.3	89.5	1	10.0-156			9.63	38
Xylenes, Total	0.187	U	0.149	0.162	79.4	86.3	1	10.0-160			8.29	38
(S) Toluene-d8					98.4	97.2		75.0-131				
(S) 4-Bromofluorobenzene					100	101		67.0-138				
(S) 1,2-Dichloroethane-d4					111	111		70.0-130				

SDG: L1331667 DATE/TIME: 03/29/21 15:31 Semi-Volatile Organic Compounds (GC) by Method 8015

# QUALITY CONTROL SUMMARY

## Method Blank (MB)

(MB) R3635667-1 03/2	9/21 05:17				
	MB Result	MB Qualifier	MB MDL	MB RDL	2
Analyte	mg/kg		mg/kg	mg/kg	ŤΤ
C10-C28 Diesel Range	U		1.61	4.00	
C28-C40 Oil Range	U		0.274	4.00	35
(S) o-Terphenyl	65.3			18.0-148	

#### Laboratory Control Sample (LCS)

(LCS) R3635667-2 03/	29/21 05:32				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
C10-C28 Diesel Range	50.0	43.7	87.4	50.0-150	
(S) o-Terphenyl			85.9	18.0-148	

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#### 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

(drv)	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 (drv)	Method Detection Limit.
RDL	Reported Detection Limit.
RDL (drv)	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

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

SDG: L1331667

## Received by OCD: 5/24/2021 9:23:34 PM CCREDITATIONS & LOCATIONS

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Pace Analytical Natio	onal 12065 Lebanon Rd Mc	ount Juliet, TN 37122	
Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
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
lowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky ¹⁶	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ¹⁴	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
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

* 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 Analytical.

SDG: L1331667 DATE/TIME: 03/29/21 15:31 ¹Cp ²Tc ³Ss ⁴Cn ⁵Sr ⁶Qc ⁷Gl ⁸Al ⁹Sc

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AB USE ONLY		DATE	TIME	WATER	SOIL	HCL	HNO3	ICE	NONE	# CONT	FILTERE	BTEX 80.	TPH 801	PAH 827	Total Met	TCLP Vol	TCLP Ser	RCI GC/MS V	GC/MS S	PCB's 80	PLM (Asb	Chloride 3	Chloride General V	Anion/Cal	TPH 8015	ПОН
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-62	FS-2	3/24/2021	11:12		x			X	-	1	N	X	X	-	1		-		1	12	- 93	X		12 10 10 10		
-03	FS-4	3/24/2021	11:20		X		1	x		1	N	X	X								1	X				
-941	FS-5	3/24/2021	11:30		X	and a		X		1	N	X	X			-	2					X				-40
-05	FS-6	3/24/2021	11:37		x		A. a. S.	X		1	N.	X	X		2	-	1	25			-	X	-		-	-
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-07	SSW-1 (25')	3/24/2021	11:48	125	x			x		1	N	X	X		-	-	$\square$	1		$\square$	-	X		$\square$	-	-
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https://kanbanflow.com/board/3 WRuMz/print-ta R1/R2 , CHLORIDE-300, TS. Log as R2 due Please log hold sample SSW-1 (45') for V8260BTEX, GRO, DRORLA, CHLORIDE-300, TS. Log as R2 due 3/29.

Thanks,

xoganing: 8/4/2021 9:18:11 AM

Chris

From: Dickerson, Ryan <Ryan.Dickerson@tetratech.com>

Sent: Friday, March 26, 2021 11:17 AM

To: Chris McCord <Chris.McCord@pacelabs.com>

Cc: Llull, Christian <Christian.Llull@tetratech.com>; Myler, John <John.Myler@tetratech.com>; Thurston, John <John.Thurston@tetratech.com>

Subject: L1330539 - EVGSAU 2437-001 Remediation

CAUTION: This email originated from outside Pace Analytical. Do not click links or open attachments unless you recognize the sender and know the content is safe. Chris. Please run soil sample ID SSW-1 (45') from L1330539 COC for chloride, TPH and BTEX. This sample was initially placed on HOLD.

Thanks,

Direct +1 (512) 338-2889 | Main +1 (512) 338-1667 | Cell +1 (512) 217-7254 | ryan.dickerson@tetratech.com<mailto:ryan.dickerson@tetratech.com> Ryan Dickerson | Senior Staff Geologist

8911 N. Capital of TX Hwy. | Bldg. 2, Ste 2310 | Austin, TX 78759 | tetratech.com Tetra Tech | Leading with Science(r) | OGA

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Time spent: oh Time estimate: oh

Members

Christopher McCord (responsible)



Entire Report Reviewed By:

Chu, foph J me

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.

## Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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PROJECT: 212C-MD-02466

SDG: L1332482

DATE/TIME: 04/01/21 17:55

PAGE: 1 of 30

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04/01/21 17:55

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## SAMPLE SUMMARY

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ESW-4 L1332482-01 Solid			John Thurston	03/29/21 10:00	03/31/21 09:4	45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1643343	1	03/31/21 11:53	03/31/21 12:00	KDW	Mt. Juliet, TN
Net Chemistry by Method 300.0	WG1643557	5	03/31/21 17:04	03/31/21 22:45	MCG	Mt. Juliet, TN
/olatile Organic Compounds (GC) by Method 8015D/GRO	WG1643377	1	03/31/21 11:47	04/01/21 00:21	ADM	Mt. Juliet, Ti
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1643396	1	03/31/21 11:47	03/31/21 14:15	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1643407	1	03/31/21 17:15	03/31/21 23:51	JN	Mt. Juliet, TN
			Collected by	Collected date/time	Received da	te/time
=S-3 L1332482-02 Solid			John Inurston	03/29/2110:08	03/31/21 09:4	45
Aethod	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
otal Solids by Method 2540 G-2011	WG1643343	1	03/31/21 11:53	03/31/21 12:00	KDW	Mt. Juliet, TN
√et Chemistry by Method 300.0	WG1643557	5	03/31/21 17:04	03/31/21 22:54	MCG	Mt. Juliet, TN
olatile Organic Compounds (GC) by Method 8015D/GRO	WG1643377	1	03/31/21 11:47	04/01/21 00:43	ADM	Mt. Juliet, TN
/olatile Organic Compounds (GC/MS) by Method 8260B	WG1643396	1	03/31/21 11:47	03/31/21 14:34	DWR	Mt. Juliet, Tl
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1643407	1	03/31/21 17:15	04/01/21 00:04	JN	Mt. Juliet, TI
			Collected by	Collected date/time	Received da	te/time
-S-7 L1332482-03 Solid			John Thurston	03/29/21 10:16	03/31/21 09:4	45
<i>f</i> lethod	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
otal Solids by Method 2540 G-2011	WG1643343	1	03/31/21 11:53	03/31/21 12:00	KDW	Mt. Juliet. TI
/et Chemistry by Method 300.0	WG1643557	5	03/31/21 17:04	03/31/21 23:04	MCG	Mt. Juliet. TI
olatile Organic Compounds (GC) by Method 8015D/GRO	WG1643377	1	03/31/21 11:47	04/01/21 01:05	ADM	Mt. Juliet. TI
/olatile Organic Compounds (GC/MS) by Method 8260B	WG1643396	1	03/31/21 11:47	03/31/21 14:52	DWR	Mt. Juliet, TI
emi-Volatile Organic Compounds (GC) by Method 8015	WG1643407	1	03/31/21 17:15	03/31/21 23:12	JN	Mt. Juliet, TI
			Collected by	Collected date/time	Received da	te/time
CSW-2 L1332482-04 Solid			John Thurston	03/29/2110:32	03/31/21 09:4	45
Aethod	Batch	Dilution	Preparation	Analysis	Analyst	Location
otal Solids by Mathod 2540 G-2011	WG16/33/3	1	03/31/21 11:53	03/31/21 12:00	KDW	Mt Iuliot TI
let Chemistry by Method 200 0	WC1643343	י ה	03/31/21 11:00	03/31/21 12.00	MCC	Mt Juliot T
Action of the second se	WC1643357	1	03/31/2111.04	03/31/21 23.42		Mt Juliot T
Internet Compounds (CC/MS) by Method 8260P	WC16433//	ı 1	03/31/21 11.47	03/31/21 01.27		Mt Juliot T
emi-Volatile Organic Compounds (GC) by Method 82005	WG1643407	1	03/31/21 17:15	03/31/21 23:25	JN	Mt. Juliet, TI
			Collected by	Collected date/time	Received da	te/time
CSW-3 L1332482-05 Solid			John Thurston	03/29/21 10:40	03/31/21 09:4	45
Aethod	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
otal Solids by Method 2540 G-2011	WG1643343	1	03/31/21 11:53	03/31/21 12:00	KDW	Mt. Juliet, TI
Vet Chemistry by Method 300.0	WG1643557	5	03/31/21 17:04	03/31/21 23:13	MCG	Mt. Juliet, TI
olatile Organic Compounds (GC) by Method 8015D/GRO	WG1643377	1	03/31/21 11:47	04/01/21 01:49	ADM	Mt. Juliet, TI
/olatile Organic Compounds (GC/MS) by Method 8260B	WG1643396	1	03/31/21 11:47	03/31/21 15:31	DWR	Mt. Juliet, Tl
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1643407	1	03/31/21 17:15	04/01/21 00:43	IN	Mt Juliet TI

PROJECT: 212C-MD-02466

SDG: L1332482 DATE/TIME: 04/01/21 17:55

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## SAMPLE SUMMARY

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Method Ba   Total Solids by Method 2540 G-2011 Wc   Wet Chemistry by Method 300.0 Wc   Volatile Organic Compounds (GC) by Method 8015D/GRO Wc   Volatile Organic Compounds (GC/MS) by Method 8260B Wc   Semi-Volatile Organic Compounds (GC) by Method 8015 Wc	atch G1643343 G1643557 G1643377	Dilution	Preparation	Analysis	Analyst	
Total Solids by Method 2540 G-2011WCWet Chemistry by Method 300.0WCVolatile Organic Compounds (GC) by Method 8015D/GROWCVolatile Organic Compounds (GC/MS) by Method 8260BWCSemi-Volatile Organic Compounds (GC) by Method 8015WC	G1643343 G1643557 G1643377	1	date/time	date/time	Analyst	Location
Wet Chemistry by Method 300.0WCVolatile Organic Compounds (GC) by Method 8015D/GROWCVolatile Organic Compounds (GC/MS) by Method 8260BWCSemi-Volatile Organic Compounds (GC) by Method 8015WC	G1643557 G1643377	1	03/31/21 11:53	03/31/21 12:00	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GROWCVolatile Organic Compounds (GC/MS) by Method 8260BWCSemi-Volatile Organic Compounds (GC) by Method 8015WC	G1643377	1	03/31/21 17:04	04/01/21 00:01	MCG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B W0   Semi-Volatile Organic Compounds (GC) by Method 8015 W0	24642226	1	03/31/21 11:47	04/01/21 02:11	ADM	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015 WC	61643396	1	03/31/21 11:47	03/31/21 15:49	DWR	Mt. Juliet. TN
	G1643407	1	03/31/21 17:15	04/01/21 00:30	JN	Mt. Juliet, TN
			Collected by	Collected date/time	Received dat	te/time
CSW-1 L1332482-07 Solid			John Thurston	03/29/2110:24	03/31/21 09:4	15
Method Ba	itch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011 WG	G1643847	1	04/01/21 08:01	04/01/21 08:10	СМК	Mt. Juliet, TN
Wet Chemistry by Method 300.0 Wo	G1643557	5	03/31/21 22:14	04/01/21 00:10	MCG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO WG	G1643678	1	03/31/21 17:25	03/31/21 19:32	TPR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	G1643817	1	03/31/21 17:25	04/01/21 09:28	AV	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	G1643408	1	03/31/21 22:21	04/01/21 04:03	TJD	Mt. Juliet, TN
			Collected by	Collected date/time	Received dat	te/time
ESW-2 (8') L1332482-08 Solid			John Thurston	03/29/2110:48	03/31/21 09:4	15
Method Ba	ıtch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011 WG	G1643847	1	04/01/21 08:01	04/01/21 08:10	СМК	Mt. Juliet, TN
Wet Chemistry by Method 300.0 W0	G1643557	1	03/31/21 22:14	04/01/21 00:20	MCG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO WO	G1643678	1	03/31/21 17:25	03/31/21 19:54	TPR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	G1643817	1	03/31/21 17:25	04/01/21 09:49	AV	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015 WG	G1643408	1	03/31/21 22:21	04/01/21 04:16	TJD	Mt. Juliet, TN
WSW-3 (8') L1332482-09 Solid			Collected by John Thurston	Collected date/time 03/29/2110:56	Received dat 03/31/21 09:4	te/time 45
Method Ba	ıtch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011 W0	G1643847	1	04/01/21 08:01	04/01/21 08:10	СМК	Mt. Juliet, TN
Wet Chemistry by Method 300.0	G1643557	1	03/31/21 22:14	04/01/21 00:29	MCG	Mt. Juliet. TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	G1643678	1	03/31/21 17:25	03/31/21 20:16	TPR	Mt. Juliet. TN
Volatile Organic Compounds (GC/MS) by Method 8260B	G1643817	1	03/31/21 17:25	04/01/21 10:10	AV	Mt. Juliet. TN
Semi-Volatile Organic Compounds (GC) by Method 8015 W0	G1643408	1	03/31/21 22:21	04/01/21 04:30	TJD	Mt. Juliet, TN

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SDG: L1332482 DATE/TIME: 04/01/21 17:55

**ME:** 7:55 **PAGE**: 4 of 30

## CASE NARRATIVE

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

Report Revision History

Level II Report - Version 1: 04/01/21 15:40

SDG: L1332482

Collected date/time: 03/29/21 10:00

#### SAMPLE RESULTS - 01 L1332482

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## Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	Ct
Analyte	%			date / time		2
Total Solids	93.7		1	03/31/2021 12:00	WG1643343	Tc

#### Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	864		49.1	107	5	03/31/2021 22:45	WG1643557

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

								1
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	 6
Analyte	mg/kg		mg/kg	mg/kg		date / time		[°] Q(
TPH (GC/FID) Low Fraction	U		0.0232	0.107	1	04/01/2021 00:21	WG1643377	
(S) a,a,a-Trifluorotoluene(FID)	95.4			77.0-120		04/01/2021 00:21	WG1643377	⁷ Gl

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.00252		0.000530	0.00114	1	03/31/2021 14:15	WG1643396
Toluene	U		0.00148	0.00568	1	03/31/2021 14:15	<u>WG1643396</u>
Ethylbenzene	U		0.000837	0.00284	1	03/31/2021 14:15	WG1643396
Total Xylenes	U		0.000999	0.00738	1	03/31/2021 14:15	<u>WG1643396</u>
(S) Toluene-d8	95.3			75.0-131		03/31/2021 14:15	WG1643396
(S) 4-Bromofluorobenzene	101			67.0-138		03/31/2021 14:15	<u>WG1643396</u>
(S) 1,2-Dichloroethane-d4	121			70.0-130		03/31/2021 14:15	WG1643396

## Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	12.2		1.72	4.27	1	03/31/2021 23:51	WG1643407
C28-C40 Oil Range	42.3		0.293	4.27	1	03/31/2021 23:51	WG1643407
(S) o-Terphenyl	48.9			18.0-148		03/31/2021 23:51	WG1643407

SDG: L1332482 DATE/TIME:

Collected date/time: 03/29/2110:08

## SAMPLE RESULTS - 02

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## Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch		C
Analyte	%			date / time		2	_
Total Solids	93.0		1	03/31/2021 12:00	WG1643343	-	To

#### Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	1980		49.5	108	5	03/31/2021 22:54	WG1643557

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	I	6
Analyte	mg/kg		mg/kg	mg/kg		date / time			ČQ
TPH (GC/FID) Low Fraction	U		0.0233	0.108	1	04/01/2021 00:43	WG1643377		
(S) a,a,a-Trifluorotoluene(FID)	95.6			77.0-120		04/01/2021 00:43	WG1643377		⁷ Gl

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000538	0.00115	1	03/31/2021 14:34	WG1643396
Toluene	U		0.00150	0.00576	1	03/31/2021 14:34	<u>WG1643396</u>
Ethylbenzene	U		0.000848	0.00288	1	03/31/2021 14:34	WG1643396
Total Xylenes	U		0.00101	0.00748	1	03/31/2021 14:34	<u>WG1643396</u>
(S) Toluene-d8	98.2			75.0-131		03/31/2021 14:34	WG1643396
(S) 4-Bromofluorobenzene	100			67.0-138		03/31/2021 14:34	<u>WG1643396</u>
(S) 1,2-Dichloroethane-d4	120			70.0-130		03/31/2021 14:34	WG1643396

## Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	17.0		1.73	4.30	1	04/01/2021 00:04	WG1643407
C28-C40 Oil Range	29.0		0.295	4.30	1	04/01/2021 00:04	WG1643407
(S) o-Terphenyl	41.7			18.0-148		04/01/2021 00:04	WG1643407

SDG: L1332482 DATE/TIME: 04/01/21 17:55

Collected date/time: 03/29/21 10:16

#### SAMPLE RESULTS - 03 L1332482

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## Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	C
Analyte	%			date / time		2
Total Solids	92.1		1	03/31/2021 12:00	WG1643343	T

#### Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	2530		49.9	109	5	03/31/2021 23:04	WG1643557

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	I	6
Analyte	mg/kg		mg/kg	mg/kg		date / time			ČQ
TPH (GC/FID) Low Fraction	U		0.0236	0.109	1	04/01/2021 01:05	WG1643377		
(S) a,a,a-Trifluorotoluene(FID)	95.8			77.0-120		04/01/2021 01:05	WG1643377		⁷ Gl

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000547	0.00117	1	03/31/2021 14:52	<u>WG1643396</u>
Toluene	U		0.00152	0.00586	1	03/31/2021 14:52	<u>WG1643396</u>
Ethylbenzene	U		0.000864	0.00293	1	03/31/2021 14:52	WG1643396
Total Xylenes	U		0.00103	0.00762	1	03/31/2021 14:52	<u>WG1643396</u>
(S) Toluene-d8	97.9			75.0-131		03/31/2021 14:52	WG1643396
(S) 4-Bromofluorobenzene	100			67.0-138		03/31/2021 14:52	<u>WG1643396</u>
(S) 1,2-Dichloroethane-d4	120			70.0-130		03/31/2021 14:52	WG1643396

## Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.75	4.34	1	03/31/2021 23:12	WG1643407
C28-C40 Oil Range	U		0.298	4.34	1	03/31/2021 23:12	WG1643407
(S) o-Terphenyl	60.7			18.0-148		03/31/2021 23:12	WG1643407

SDG: L1332482

DATE/TIME: 04/01/21 17:55 PAGE: 8 of 30
Received by OCD: 5/24/2021 9:23:34 PM

## SAMPLE RESULTS - 04

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Collected date/time: 03/29/21 10:32

Total Solids by Method 2540 G-2011								
	Result	Qualifier	Dilution	Analysis	Batch	Ср		
Analyte	%			date / time		2		
Total Solids	93.3		1	03/31/2021 12:00	<u>WG1643343</u>	Tc		
Wet Chemistry by Metho	od 300.0					³ Ss		

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	1690		49.3	107	5	03/31/2021 23:42	WG1643557

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	6
Analyte	mg/kg		mg/kg	mg/kg		date / time		ČQ
TPH (GC/FID) Low Fraction	U		0.0233	0.107	1	04/01/2021 01:27	WG1643377	
(S) a,a,a-Trifluorotoluene(FID)	94.3			77.0-120		04/01/2021 01:27	<u>WG1643377</u>	⁷ Gl

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000534	0.00114	1	03/31/2021 15:12	WG1643396
Toluene	U		0.00149	0.00572	1	03/31/2021 15:12	<u>WG1643396</u>
Ethylbenzene	U		0.000844	0.00286	1	03/31/2021 15:12	WG1643396
Total Xylenes	U		0.00101	0.00744	1	03/31/2021 15:12	<u>WG1643396</u>
(S) Toluene-d8	98.3			75.0-131		03/31/2021 15:12	WG1643396
(S) 4-Bromofluorobenzene	102			67.0-138		03/31/2021 15:12	<u>WG1643396</u>
(S) 1,2-Dichloroethane-d4	120			70.0-130		03/31/2021 15:12	WG1643396

## Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	10.9		1.73	4.29	1	03/31/2021 23:25	WG1643407
C28-C40 Oil Range	17.3		0.294	4.29	1	03/31/2021 23:25	WG1643407
(S) o-Terphenyl	47.0			18.0-148		03/31/2021 23:25	WG1643407

DATE/TIME: 04/01/21 17:55 Receivedby OCD: 5/24/2021 9:23:34 PM

#### SAMPLE RESULTS - 05 L1332482

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Total Solids by Method 2540 G-2011

Collected date/time: 03/29/21 10:40

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	Result	Qualifier	Dilution	Analysis	Batch	
Analyte	%			date / time		2
Total Solids	92.1		1	03/31/2021 12:00	WG1643343	Tc

### Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	4560		50.0	109	5	03/31/2021 23:13	WG1643557

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

	Decult (dr.)	Qualifier	MDL (dm)	DDL (dm)	Dilution	Analycic	Datab	
	Result (dry)	Qualmer	wide (ary)	RDL (ury)	Dilution	AlldiySIS	Balch	6
Analyte	mg/kg		mg/kg	mg/kg		date / time		Q
TPH (GC/FID) Low Fraction	U		0.0236	0.109	1	04/01/2021 01:49	WG1643377	
(S) a,a,a-Trifluorotoluene(FID)	93.6			77.0-120		04/01/2021 01:49	WG1643377	⁷ Gl

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000547	0.00117	1	03/31/2021 15:31	<u>WG1643396</u>
Toluene	U		0.00152	0.00586	1	03/31/2021 15:31	<u>WG1643396</u>
Ethylbenzene	U		0.000864	0.00293	1	03/31/2021 15:31	WG1643396
Total Xylenes	U		0.00103	0.00762	1	03/31/2021 15:31	<u>WG1643396</u>
(S) Toluene-d8	96.2			75.0-131		03/31/2021 15:31	WG1643396
(S) 4-Bromofluorobenzene	100			67.0-138		03/31/2021 15:31	<u>WG1643396</u>
(S) 1,2-Dichloroethane-d4	118			70.0-130		03/31/2021 15:31	WG1643396

## Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	15.3		1.75	4.34	1	04/01/2021 00:43	WG1643407
C28-C40 Oil Range	40.2		0.298	4.34	1	04/01/2021 00:43	WG1643407
(S) o-Terphenyl	37.6			18.0-148		04/01/2021 00:43	WG1643407

SDG: L1332482

**Repsined by OSD: 5/24/2021 9:23:34 PM** Collected date/time: 03/29/21 11:04

## SAMPLE RESULTS - 06

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## Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch		C
Analyte	%			date / time		2	_
Total Solids	95.4		1	03/31/2021 12:00	WG1643343		Тс

#### Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	103		9.65	21.0	1	04/01/2021 00:01	WG1643557

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	6
Analyte	mg/kg		mg/kg	mg/kg		date / time		[°] Q
TPH (GC/FID) Low Fraction	U		0.0228	0.105	1	04/01/2021 02:11	WG1643377	
(S) a,a,a-Trifluorotoluene(FID)	95.9			77.0-120		04/01/2021 02:11	WG1643377	⁷ G

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000512	0.00110	1	03/31/2021 15:49	WG1643396
Toluene	U		0.00143	0.00549	1	03/31/2021 15:49	<u>WG1643396</u>
Ethylbenzene	U		0.000809	0.00274	1	03/31/2021 15:49	WG1643396
Total Xylenes	U		0.000966	0.00713	1	03/31/2021 15:49	<u>WG1643396</u>
(S) Toluene-d8	97.2			75.0-131		03/31/2021 15:49	WG1643396
(S) 4-Bromofluorobenzene	96.8			67.0-138		03/31/2021 15:49	<u>WG1643396</u>
(S) 1,2-Dichloroethane-d4	114			70.0-130		03/31/2021 15:49	WG1643396

## Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	39.5		1.69	4.19	1	04/01/2021 00:30	WG1643407
C28-C40 Oil Range	47.5		0.287	4.19	1	04/01/2021 00:30	WG1643407
(S) o-Terphenyl	39.0			18.0-148		04/01/2021 00:30	WG1643407

SDG: L1332482 DATE/TIME: 04/01/21 17:55

Received by OCD: 5/24/2021 9:23:34 PM

Collected date/time: 03/29/2110:24

#### SAMPLE RESULTS - 07 L1332482

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## Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	C
Analyte	%			date / time	_	2
Total Solids	92.9		1	04/01/2021 08:10	WG1643847	Tc

#### Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	3820		49.5	108	5	04/01/2021 00:10	WG1643557

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	6
Analyte	mg/kg		mg/kg	mg/kg		date / time		ČQ
TPH (GC/FID) Low Fraction	0.0265	<u>B J</u>	0.0234	0.108	1	03/31/2021 19:32	WG1643678	
(S) a,a,a-Trifluorotoluene(FID)	111			77.0-120		03/31/2021 19:32	<u>WG1643678</u>	⁷ Gl

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000538	0.00115	1	04/01/2021 09:28	WG1643817
Toluene	U		0.00150	0.00576	1	04/01/2021 09:28	WG1643817
Ethylbenzene	U		0.000850	0.00288	1	04/01/2021 09:28	WG1643817
Total Xylenes	U		0.00101	0.00749	1	04/01/2021 09:28	WG1643817
(S) Toluene-d8	102			75.0-131		04/01/2021 09:28	WG1643817
(S) 4-Bromofluorobenzene	77.3			67.0-138		04/01/2021 09:28	WG1643817
(S) 1,2-Dichloroethane-d4	93.1			70.0-130		04/01/2021 09:28	WG1643817

## Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	52.0		1.73	4.31	1	04/01/2021 04:03	WG1643408
C28-C40 Oil Range	53.1		0.295	4.31	1	04/01/2021 04:03	WG1643408
(S) o-Terphenyl	63.6			18.0-148		04/01/2021 04:03	WG1643408

SDG: L1332482 DATE/TIME:

PAGE: 12 of 30 Received by 80 CD: 5/24/2021 9:23:34 PM Collected date/time: 03/29/21 10:48

## SAMPLE RESULTS - 08

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## Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	C
Analyte	%			date / time		2
Total Solids	94.0		1	04/01/2021 08:10	WG1643847	Tc

#### Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	17.8	J	9.79	21.3	1	04/01/2021 00:20	WG1643557

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	6
Analyte	mg/kg		mg/kg	mg/kg		date / time		[°] Q(
TPH (GC/FID) Low Fraction	0.0290	<u>B J</u>	0.0231	0.106	1	03/31/2021 19:54	WG1643678	
(S) a,a,a-Trifluorotoluene(FID)	109			77.0-120		03/31/2021 19:54	<u>WG1643678</u>	⁷ Gl

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000526	0.00113	1	04/01/2021 09:49	WG1643817
Toluene	U		0.00147	0.00564	1	04/01/2021 09:49	WG1643817
Ethylbenzene	U		0.000831	0.00282	1	04/01/2021 09:49	WG1643817
Total Xylenes	U		0.000992	0.00733	1	04/01/2021 09:49	WG1643817
(S) Toluene-d8	97.8			75.0-131		04/01/2021 09:49	WG1643817
(S) 4-Bromofluorobenzene	82.8			67.0-138		04/01/2021 09:49	WG1643817
(S) 1,2-Dichloroethane-d4	93.8			70.0-130		04/01/2021 09:49	WG1643817

## Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	12.3		1.71	4.26	1	04/01/2021 04:16	WG1643408
C28-C40 Oil Range	58.4		0.291	4.26	1	04/01/2021 04:16	WG1643408
(S) o-Terphenyl	46.2			18.0-148		04/01/2021 04:16	WG1643408

SDG: L1332482 DATE/TIME: 04/01/21 17:55

<u> Rekgined by 89D: 5/24/2021 9:23:34 РМ</u> Collected date/time: 03/29/21 10:56

#### SAMPLE RESULTS - 09 L1332482

## Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	C
Analyte	%			date / time		2
Total Solids	96.6		1	04/01/2021 08:10	WG1643847	T

#### Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	29.4		9.52	20.7	1	04/01/2021 00:29	WG1643557

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	6
Analyte	mg/kg		mg/kg	mg/kg		date / time		[°] Q0
TPH (GC/FID) Low Fraction	0.0452	<u>B J</u>	0.0225	0.104	1	03/31/2021 20:16	WG1643678	
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		03/31/2021 20:16	WG1643678	⁷ Gl

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000500	0.00107	1	04/01/2021 10:10	WG1643817
Toluene	U		0.00139	0.00535	1	04/01/2021 10:10	WG1643817
Ethylbenzene	U		0.000789	0.00268	1	04/01/2021 10:10	WG1643817
Total Xylenes	U		0.000942	0.00696	1	04/01/2021 10:10	WG1643817
(S) Toluene-d8	107			75.0-131		04/01/2021 10:10	WG1643817
(S) 4-Bromofluorobenzene	83.0			67.0-138		04/01/2021 10:10	WG1643817
(S) 1,2-Dichloroethane-d4	91.9			70.0-130		04/01/2021 10:10	WG1643817

## Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	11.5		1.67	4.14	1	04/01/2021 04:30	WG1643408
C28-C40 Oil Range	36.1		0.284	4.14	1	04/01/2021 04:30	WG1643408
(S) o-Terphenyl	55.3			18.0-148		04/01/2021 04:30	WG1643408

SDG: L1332482

DATE/TIME: 04/01/21 17:55 Ss Cn

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## Reg cive 6 by 36D: 3/24/2021 9:23:34 PM

Total Solids by Method 2540 G-2011

#### QUALITY CONTROL SUMMARY L1332482-01,02,03,04,05,06

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### Method Blank (MB)

					I Cn
(MB) R3636940-1 03/31/21	12:00				Cp
	MB Result	MB Qualifier	MB MDL	MB RDL	2
Analyte	%		%	%	Tc
Total Solids	0.000				

## L1332224-01 Original Sample (OS) • Duplicate (DUP)

L1332224-01 Orig	ginal Sample	(OS) • Duj	olicate (	DUP)			
(OS) L1332224-01 03/3	1/21 12:00 • (DUP)	R3636940-3	03/31/211	2:00			
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits	
Analyte	%	%		%		%	
Total Solids	86.1	85.1	1	1.13		10	

## Laboratory Control Sample (LCS)

(LCS) R3636940-2 03/31	/21 12:00				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

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## Reg @ q 6 by 9 8 D: 7/24/2021 9:23:34 PM

Total Solids by Method 2540 G-2011

## QUALITY CONTROL SUMMARY L1332482-07,08,09

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## Method Blank (MB)

Method Blank	: (MB)				1	Cn	
(MB) R3637112-1 04	1/01/21 08:10					Ch	
	MB Result	MB Qualifier	MB MDL	MB RDL	7	2	
Analyte	%		%	%		Тс	
Total Solids	0.000						
						^³ Ss	

### L1331081-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1331081-01 04/01/21	08:10 • (DUP) F	3637112-3 04	/01/21 08:	10		
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	84.4	84.5	1	0.0618		10

## Laboratory Control Sample (LCS)

(LCS) R3637112-2 04/01/2	21 08:10				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	%	%	%	%	
Total Solids	50.0	50.0	99.9	85.0-115	

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## Reg @ q 6 by 9 6 15 7/24/2021 9:23:34 PM

Wet Chemistry by Method 300.0

#### QUALITY CONTROL SUMMARY L1332482-01,02,03,04,05,06,07,08,09

Method Blank (MB)

					1	Cr				
(MB) R3636963-1 03/31/21 19:12										
	MB Result	MB Qualifier	MB MDL	MB RDL	2	2				
Analyte	mg/kg		mg/kg	mg/kg		Тс				
Chloride	U		9.20	20.0		_				
					3	Ss				

### L1331672-07 Original Sample (OS) • Duplicate (DUP)

LI331672-07 Off											
(OS) L1331672-07 03/3	31/21 20:31 • (DUP)	R3636963-3	03/31/21 2	0:41							
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits					
Analyte	mg/kg	mg/kg		%		%					
Chloride	199	136	1	37.6	<u>J3</u>	20					

### L1332482-04 Original Sample (OS) • Duplicate (DUP)

L1332482-04 Original Sample (OS) • Duplicate (DUP)										
(OS) L1332482-04 03/31/21 23:42 • (DUP) R3636963-6 03/31/21 23:51										
	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits	⁸ Al			
Analyte	mg/kg	mg/kg		%		%				
Chloride	1690	1540	5	9.46		20	°Sc			

#### Laboratory Control Sample (LCS)

(LCS) R3636963-2 03/31/21 19:22											
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier						
Analyte	mg/kg	mg/kg	%	%							
Chloride	200	193	96.3	90.0-110							

## L1331672-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1331672-07 03/31/21 20:31 • (MS) R3636963-4 03/31/21 20:50 • (MSD) R3636963-5 03/31/21 21:00												
	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Chloride	500	199	713	695	103	99.2	1	80.0-120			2.62	20

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

## QUALITY CONTROL SUMMARY

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#### Method Blank (MB)

	)					l'c				
(MB) R3636934-2 03/31/21 23:15										
	MB Result	MB Qualifier	MB MDL	MB RDL		2				
Analyte	mg/kg		mg/kg	mg/kg		T				
TPH (GC/FID) Low Fraction	U		0.0217	0.100						
(S) a,a,a-Trifluorotoluene(FID)	97.3			77.0-120		3				

## Laboratory Control Sample (LCS)

(LCS) R3636934-1 03/31/21 22:31												
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier							
Analyte	mg/kg	mg/kg	%	%								
TPH (GC/FID) Low Fraction	5.50	6.21	113	72.0-127								
(S) a.a.a-Trifluorotoluene(FID)			114	77.0-120								

## L1330852-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1330852-07 04/01/21 02:56 • (MS) R3636934-3 04/01/21 07:45 • (MSD) R3636934-4 04/01/21 08:07												
	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
TPH (GC/FID) Low Fraction	234	U	173	186	73.9	79.1	25	10.0-151			6.81	28
(S) a,a,a-Trifluorotoluene(FID)					105	106		77.0-120				

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

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#### Method Blank (MB)

	~					1'Cn				
(MB) R3636939-2 03/31/21 18:12										
	MB Result	MB Qualifier	MB MDL	MB RDL		2				
Analyte	mg/kg		mg/kg	mg/kg		Tc				
TPH (GC/FID) Low Fraction	0.0240	<u>J</u>	0.0217	0.100						
(S) a,a,a-Trifluorotoluene(FID)	114			77.0-120		³ Ss				

## Laboratory Control Sample (LCS)

(LCS) R3636939-1 03/31/	_CS) R3636939-1 03/31/21 17:28											
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier							
Analyte	mg/kg	mg/kg	%	%								
TPH (GC/FID) Low Fraction	5.50	4.99	90.7	72.0-127								
(S) a.a.a.Trifluorotoluene(FID)			106	77.0-120								

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PAGE: 19 of 30 Volatile Organic Compounds (GC/MS) by Method 8260B

## QUALITY CONTROL SUMMARY

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## Method Blank (MB)

(MB) R3636795-3 03/31/2	(MB) R3636795-3 03/31/2110:30											
	MB Result	MB Qualifier	MB MDL	MB RDL								
Analyte	mg/kg		mg/kg	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	97.4			75.0-131								
(S) 4-Bromofluorobenzene	99.4			67.0-138								
(S) 1,2-Dichloroethane-d4	118			70.0-130								

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

(LCS) R3636795-1 03/31/2	1 09:15 • (LCSD	) R3636795-2	03/31/21 09:34	ļ								
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits	2	GI
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%	L	
Benzene	0.125	0.122	0.127	97.6	102	70.0-123			4.02	20	٤	8
Ethylbenzene	0.125	0.105	0.109	84.0	87.2	74.0-126			3.74	20		AI
Toluene	0.125	0.109	0.114	87.2	91.2	75.0-121			4.48	20		9
Xylenes, Total	0.375	0.310	0.322	82.7	85.9	72.0-127			3.80	20		Sc
(S) Toluene-d8				95.8	96.3	75.0-131					L	
(S) 4-Bromofluorobenzene				100	99.5	67.0-138						
(S) 1,2-Dichloroethane-d4				123	123	70.0-130						

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

# QUALITY CONTROL SUMMARY

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## Method Blank (MB)

(MB) R3636992-3 04/01/2	21 09:07				
	MB Result	MB Qualifier	MB MDL	MB RDL	
Analyte	mg/kg		mg/kg	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	107			75.0-131	
(S) 4-Bromofluorobenzene	79.6			67.0-138	
(S) 1,2-Dichloroethane-d4	95.4			70.0-130	

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

(LCS) R3636992-1 04/01/2	1 07:20 • (LCSI	D) R3636992-2	2 04/01/21 07:4	2								_
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits		⁷ Gl
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%	l	
Benzene	0.125	0.109	0.113	87.2	90.4	70.0-123			3.60	20		8
Ethylbenzene	0.125	0.107	0.105	85.6	84.0	74.0-126			1.89	20		A
Toluene	0.125	0.111	0.112	88.8	89.6	75.0-121			0.897	20		Q
Xylenes, Total	0.375	0.324	0.329	86.4	87.7	72.0-127			1.53	20		Sc
(S) Toluene-d8				94.3	93.9	75.0-131					l	
(S) 4-Bromofluorobenzene				94.9	92.2	67.0-138						
(S) 1,2-Dichloroethane-d4				105	102	70.0-130						

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Semi-Volatile Organic Compounds (GC) by Method 8015

## QUALITY CONTROL SUMMARY

#### Method Blank (MB)

(MB) R3636892-1 03/31	1/21 22:46				
	MB Result	MB Qualifier	MB MDL	MB RDL	2
Analyte	mg/kg		mg/kg	mg/kg	-
C10-C28 Diesel Range	U		1.61	4.00	
C28-C40 Oil Range	U		0.274	4.00	3
(S) o-Terphenyl	63.5			18.0-148	Ľ

### Laboratory Control Sample (LCS)

(LCS) R3636892-2 03/3	31/21 22:59				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
C10-C28 Diesel Range	50.0	38.2	76.4	50.0-150	
(S) o-Terphenyl			65.5	18.0-148	

### L1331159-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1331159-02 04/01/21	/331159-02 04/01/21 07:42 • (MS) R3636892-3 04/01/21 07:55 • (MSD) R3636892-4 04/01/21 08:08											
	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
C10-C28 Diesel Range	54.4	U	42.7	45.3	78.4	82.9	1	50.0-150			6.00	20
(S) o-Terphenyl					67.9	70.5		18.0-148				

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Semi-Volatile Organic Compounds (GC) by Method 8015

# QUALITY CONTROL SUMMARY

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#### Method Blank (MB)

(MB) R3636913-1 04/01/2	21 03:09				
	MB Result	MB Qualifier	MB MDL	MB RDL	2
Analyte	mg/kg		mg/kg	mg/kg	Tc
C10-C28 Diesel Range	U		1.61	4.00	
C28-C40 Oil Range	U		0.274	4.00	350
(S) o-Terphenyl	63.8			18.0-148	

#### Laboratory Control Sample (LCS)

(LCS) R3636913-2 04/0	1/21 03:22				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	mg/kg	mg/kg	%	%	
C10-C28 Diesel Range	50.0	36.3	72.6	50.0-150	
(S) o-Terphenyl			83.5	18.0-148	

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#### 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 resu 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 detec 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

Qualifier	Description
В	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.

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## Received by OCD: 5/24/2021 9:23:34 PM CCREDITATIONS & LOCATIONS

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Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
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
lowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky ¹⁶	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ¹⁴	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
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

* 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 Analytical.

SDG: L1332482

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eceiving Laboratory:	Pace Analytical	Sampler Sig	nature:	8 	John	Thur	ston	2					- MRG		Se Hg								ached		1
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LAB#	SAMPLE IDENTIFICATION	YEAR: 2021		T					T	AINER	D (Y	218	a) (G	2	als Ag	atiles	ni Vola	01. 826	ami. Vo	82 / 60	estos)	0.00	Sulta /ater C	on Ba	~
LAB USE ONLY		DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE		# CONT/	FILTERE	BTEX 802	TPH 801	PAH 827	TCLP Met	TCLP Vol	TCLP Ser	GC/MS V	GC/MS Se	PCB's 80	PLM (Asb	Chloride 3	Chloride General M	Anion/Cat	TPH 8010
	ESW-4	3/29/2021	10:00		х			х		1	N	х	X									х			
	FS-3	3/29/2021	10:08		х			Х		1	N	х	X									×			
	FS-7	3/29/2021	10:16		x			х		1	N	X	X			1						х			
The second second	CSW-1	3/29/2021	10:24		х			х		,1	Ν	х	X									X		$\square$	
19	CSW-2	3/29/2021	10:32	19	х			х		1	N	х	X									X			
and the second	CSW-3	3/29/2021	10:40		х			х		1	N	х	X			1						X			
	ESW-3 (8')	3/29/2021	10:48		х			х		1	N	х	X			Y						X			
	WSW-3 (8')	3/29/2021	10:56		х			х		1	N	x	X			1						х			10
	WSW-4 (4')	3/29/2021	11:04		х			х		1	N	х	X									X			1
		24										1													
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ilinquished by:	Date: Time:	Received by:				D	ate:	Т	îme:		- 2 2	Sample Temperature X RUSH: Same Day (24 hr. )8 hr. 72 hr.					OK								
elinquished by:	Date: Time:	Received by: Date: Time: #3 @ Special Report Limits or TRRP Report								t															

<u>Released to Imaging: 8/4/2021 9:18:11 AM</u>

Pace Analytical National Center for Testing & Innov	vation	
Cooler Receipt Form		
Client: CoffertA	U	1332482
Cooler Received/Opened On: 3 / 3/ / 21 Temperature:	2.6	
Received By: Bill Barras	1 11 1	
Signature: B. Barro		and the second
	Vec	No
Receipt Check List NP	Yes	NO
COC Seal Present / Intact?		
COC Signed / Accurate?	1	100.11
Bottles arrive intact?		
Correct bottles used?		19
Sufficient volume sent?	6	
If Applicable		
VOA Zero headspace?		
Preservation Correct / Checked?		All and a start of the

Received by OCD: 5/24/2021 9:23:34 PM

Analysis Request of Chain of Custody Record

æ	Tetra Tech, Inc.	Tetra Tech, Inc.					t Wa land, el (43 x (43	all Str Tex (2) 68 (32) 68	eet, Si as 797 32-455 32-394	uite 10 701 9 16	00																	
Client Name:	Conoco Phillips	Site Manager: Christian Llull											ANA	LY	SIS	RE	QU	EST										
Project Name:	EVGSAU 02437-001	Contact Info	:	Ema Phor	nil: ch ne: (	nristia 512)	an.llu 338-	II@te	tratec	h.com	1	1	1	1	Cir 		or	Sp 	ec 	fy I	Me 	tho 		No.	)			
Project Location: (county, state)	Lea County, New Mexico	Project #:		2120	C-M	D-024	146																					
Invoice to:	Accounts Payable 901 West Wall Street, Suite 100 Midland, Texas 7970	79701											6											d list)				
Receiving Laboratory:	Pace Analytical	Sampler Signature:				Thur	rston						0 - MR		Se Hg									attached				
Comments: COPTET	RA Acctnum											8260B	35) RO - OR		Cd Cr Pb				24 00.1625				DS	try (see a				
WHY TO		SAMP	LING	MA	TRI	X PF	ME	ERV	TIVE	RS	(N)	BTEX	GRO - D		As Ba	d ex fi	atiles	0,000	101 827	808		-	ate T	Chemis	alance			
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( LAB USE ONLY )		DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE	NONE	# CONT	FILTERE	BTEX 80	TPH 801	PAH 827	Total Meta	TCLP Vol	TCLP Ser	RCI	GC/MS V	PCB's 80	NORM	PLM (Asb	Chloride	General V	Anion/Cat		НОГР	
	ESW-4	3/29/2021	10:00		x			X		1	N	X	X								Π	>	x		- (	21		
	FS-3	3/29/2021	10:08		x			X		1	N	X	X									)	×		-0	2		
	FS-7	3/29/2021	10:16		X			X		1	N	X	X									>	×		-0	3		
Challen Bridge	CSW-1	3/29/2021	10:24		X			X		1	Ν	X	×									>	×		C.	- 6	7	) K
	CSW-2	3/29/2021	10:32		X			X		1	N	X	×									>	×		- (	>4		
	CSW-3	3/29/2021	10:40		Х			X		1	N	X	X									>	×		- (	25		
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	WSW-3 (8')	3/29/2021	10:56		X			X		1	N	×	×			_			+			)	×		4	- 0	9	)K
	WSW-4 (4')	3/29/2021	11:04		Х			X		1	N	X	×						-			)	X		- 0	> 6		
Relinquished by:	Date: Time: 3/29/2021 1530	Received by	:			[	Date		Time:				LAE		SE	R	EMA	RKS	i: ndaro	4								
Relinquished by:	Date: Time:	Received by	:			[	Date		Time:			Sample Temperature X RUSH: Same Day 24 hr. H8 hr. 72 hr.																
Relinquished by:	Date: Time:	Received by	:			[	Date		Time:									Spe	cial R	eport	Limits	or TF	RRPF	Repor	t			
		OPICINI	U CODV						1			(Cir	(ala)		DEL		En	FED	EN	IIDS	Tr	acking	n #·	1		199		

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R1/R2

V8260BTEX,GRO,DRORLA,CHLORDIE-300,TS R2 due 04/01. (Hold reference 03-209.) Please log from hold CSW-1, ESW-3 (8'), and WSW-3 (8') and scan revised COC. Log for

Thank you,

have changed. My new email address is Please note that email addresses for staff at the Pace Analytical National Center for Testing & Innovation

update your records accordingly. Erica. McNeese@pacelabs.com < mailto: YOUR firstname HERE. YOUR lastname HERE @pacelabs.com >. Please and the second se

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Sent: Monday, March 29, 2021 5:36 PM From: Dickerson, Ryan <Ryan.Dickerson@tetratech.com<mailto:Ryan.Dickerson@tetratech.com>>

To: Chris McCord <Chris.McCord@pacelabs.com<mailto:Chris.McCord@pacelabs.com>>; Myler, John <John.Myler@tetratech.com<mailto:John.Myler@tetratech.com>>

Subject: RE: EVGSAU 2437-001 (Header) 212C-MD-02466, 03/29/21 Samples

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Our sampler had a couple of mistakes on the COC he sent with these samples. Can you use the attached COC instead of the one in the sample cooler?

Thanks,

Chris

Ryan Dickerson | Senior Staff Geologist ryan.dickerson@tetratech.com<mailto:ryan.dickerson@tetratech.com> Direct +1 (512) 338-2889 | Main +1 (512) 338-1667 | Cell +1 (512) 217-7254 |

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3/31/2021

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Pace

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Analytical [®] ANALY	ICAL REPOR I	¹ Cp
		² Tc
ConocoPhillips - Te	etra Tech	³ Ss
Sample Delivery Group:	L1333893	Ĉn
Samples Received:	04/03/2021	⁵ Sr
Project Number:	212C-MD-02466	
Description:	EVGSAU 02437-001	⁶ Qc
Report To:	Christian Llull	⁷ Gl
	901 West Wall	⁸ Al
	Suite 100	
	Midland, TX 79701	Sc

Entire Report Reviewed By: Chu, form Junion

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 Analytical National is performed per guidance provided in laboratory where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory where applicable, sampling conducted by Pace National Statement of the 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.

## Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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PROJECT: 212C-MD-02466

SDG: L1333893

DATE/TIME: 04/06/21 16:02 PAGE: 1 of 14

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SDG: L1333893

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Received by OCD: 5/24/2021 9:23:34 PM

## SAMPLE SUMMARY

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ESW-4 (4') L1333893-01 Solid			Collected by John Thurston	Collected date/time 04/02/2110:00	Received dat 04/03/21 09:	te/time 45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1645521	1	04/04/21 23:27	04/04/21 23:34	KDW	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG1645269	1	04/03/21 13:53	04/03/21 17:34	ELN	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1645258	1	04/03/2112:09	04/04/21 02:17	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1645262	1	04/03/2112:09	04/03/21 13:39	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1645295	1	04/04/21 10:51	04/05/21 16:12	TJD	Mt. Juliet, TN



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PROJECT: 212C-MD-02466

SDG: L1333893

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DATE/TIME: 04/06/2116:02 PAGE: 3 of 14

## CASE NARRATIVE

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



PROJECT: 212C-MD-02466

SDG: L1333893

G: 3893 DATE/TIME: 04/06/21 16:02

PAGE: 4 of 14 Received by OCD: 5/24/2021 9:23:34 PM Collected date/time: 04/02/21 10:00

# SAMPLE RESULTS - 01

## Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	
Analyte	%			date / time		2
Total Solids	94.2		1	04/04/2021 23:34	WG1645521	Tc

#### Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	U		9.77	21.2	1	04/03/2021 17:34	WG1645269

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	6
Analyte	mg/kg		mg/kg	mg/kg		date / time		ŮQ
TPH (GC/FID) Low Fraction	U		0.0230	0.106	1	04/04/2021 02:17	WG1645258	
(S) a,a,a-Trifluorotoluene(FID)	89.1			77.0-120		04/04/2021 02:17	WG1645258	⁷ Gl

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000525	0.00112	1	04/03/2021 13:39	WG1645262
Toluene	U		0.00146	0.00562	1	04/03/2021 13:39	WG1645262
Ethylbenzene	U		0.000829	0.00281	1	04/03/2021 13:39	WG1645262
Total Xylenes	U		0.000989	0.00731	1	04/03/2021 13:39	WG1645262
(S) Toluene-d8	105			75.0-131		04/03/2021 13:39	WG1645262
(S) 4-Bromofluorobenzene	97.7			67.0-138		04/03/2021 13:39	WG1645262
(S) 1,2-Dichloroethane-d4	98.6			70.0-130		04/03/2021 13:39	WG1645262

## Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	6.63		1.71	4.25	1	04/05/2021 16:12	WG1645295
C28-C40 Oil Range	31.8		0.291	4.25	1	04/05/2021 16:12	WG1645295
(S) o-Terphenyl	59.1			18.0-148		04/05/2021 16:12	WG1645295

SDG: L1333893 DATE/TIME: 04/06/21 16:02

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## Reg @ 46 by BGD \$/24/2021 9:23:34 PM

Total Solids by Method 2540 G-2011

### QUALITY CONTROL SUMMARY L1333893-01

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#### Method Blank (MB)

					$^{1}Cr$
(MB) R3638006-1	04/04/21 23:34				
	MB Result	MB Qualifier	MB MDL	MB RDL	2
Analyte	%		%	%	T
Total Solids	0.000				
					³ Ss

#### L1333880-13 Original Sample (OS) • Duplicate (DUP)

Lisssee-is Orginal Sample (OS) • Duplicate (DOP)										
(OS) L1333880-13 04/04/21 23:34 • (DUP) R3638006-3 04/04/21 23:34										
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits				
Analyte	%	%		%		%				
Total Solids	88.4	87.9	1	0.570		10				

## Laboratory Control Sample (LCS)

(LCS) R3638006-2 04/04/21 23:34										
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier					
Analyte	%	%	%	%						
Total Solids	50.0	50.0	100	85.0-115						

DATE/TIME: 04/06/21 16:02

## Reg @ 46 by BOD 5/24/2021 9:23:34 PM

Wet Chemistry by Method 300.0

# QUALITY CONTROL SUMMARY

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## Method Blank (MB)

(MB) R3638067-1 04/03/2116:14									
	MB Result	MB Qualifier	MB MDL	MB RDL					
Analyte	mg/kg		mg/kg	mg/kg					
Chloride	U		9.20	20.0					

## L1333936-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1333936-07 04/03/	21 20:35 • (DUF	P) R3638067-6	04/03/2	1 20:45		
	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chloride	24.8	26.7	1	7.37		20

## Laboratory Control Sample (LCS)

(LCS) R3638067-2 04/03/2116:23										
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier					
Analyte	mg/kg	mg/kg	%	%						
Chloride	200	197	98.3	90.0-110						

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

# QUALITY CONTROL SUMMARY

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#### Method Blank (MB)

	~				1'Cn
(MB) R3638095-2 04/03	3/21 21:34				Cp
	MB Result	MB Qualifier	MB MDL	MB RDL	2
Analyte	mg/kg		mg/kg	mg/kg	Тс
TPH (GC/FID) Low Fraction	U		0.0217	0.100	
(S) a,a,a-Trifluorotoluene(FID)	94.0			77.0-120	³Ss

## Laboratory Control Sample (LCS)

(LCS) R3638095-1 04/03/21 20:28											
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier						
Analyte	mg/kg	mg/kg	%	%							
TPH (GC/FID) Low Fraction	5.50	5.84	106	72.0-127							
(S) a.a.a-Trifluorotoluene(FID)			111	77.0-120							

	³ Ss
	⁴Cn
_	
	⁵Sr
	6 00
	⁷ Gl
	⁷ Gl
	⁷ Gl ⁸ Al

Sc

DATE/TIME: 04/06/2116:02

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

### QUALITY CONTROL SUMMARY L1333893-01

#### Method Blank (MB)

(MB) R3638300-2 04/03/2110:50									
	MB Result	MB Qualifier	MB MDL	MB RDL		2			
Analyte	mg/kg		mg/kg	mg/kg		Tc			
Benzene	U		0.000467	0.00100					
Ethylbenzene	U		0.000737	0.00250		³ Ss			
Toluene	U		0.00130	0.00500					
Xylenes, Total	U		0.000880	0.00650		4			
(S) Toluene-d8	103			75.0-131		Cn			
(S) 4-Bromofluorobenzene	101			67.0-138					
(S) 1,2-Dichloroethane-d4	104			70.0-130		⁵Sr			

## Laboratory Control Sample (LCS)

(LCS) R3638300-1 04/03/21 09:52											
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier						
Analyte	mg/kg	mg/kg	%	%							
Benzene	0.125	0.115	92.0	70.0-123							
Ethylbenzene	0.125	0.115	92.0	74.0-126							
Toluene	0.125	0.112	89.6	75.0-121							
Xylenes, Total	0.375	0.342	91.2	72.0-127							
(S) Toluene-d8			104	75.0-131							
(S) 4-Bromofluorobenzene			102	67.0-138							
(S) 1,2-Dichloroethane-d4			106	70.0-130							

## L1333401-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1333401-03 04/03/21 17:28 • (MS) R3638300-3 04/03/21 19:42 • (MSD) R3638300-4 04/03/21 20:01												
	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Benzene	0.254	U	0.100	0.176	39.3	69.3	1.53	10.0-149		<u>J3</u>	55.2	37
Ethylbenzene	0.254	U	0.104	0.192	40.7	75.5	1.53	10.0-160		<u>J3</u>	59.9	38
Toluene	0.254	U	0.107	0.192	42.1	75.5	1.53	10.0-156		<u>J3</u>	56.9	38
Xylenes, Total	0.760	0.00289	0.318	0.567	41.4	74.2	1.53	10.0-160		<u>J3</u>	56.3	38
(S) Toluene-d8					106	106		75.0-131				
(S) 4-Bromofluorobenzene					95.6	102		67.0-138				
(S) 1,2-Dichloroethane-d4					96.8	95.9		70.0-130				

SDG: L1333893

DATE/TIME: 04/06/21 16:02

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Semi-Volatile Organic Compounds (GC) by Method 8015

# QUALITY CONTROL SUMMARY

#### Method Blank (MB)

(MB) R3637999-1 04/05/2	1 00:09				
	MB Result	MB Qualifier	MB MDL	MB RDL	2
Analyte	mg/kg		mg/kg	mg/kg	T
C10-C28 Diesel Range	U		1.61	4.00	
C28-C40 Oil Range	U		0.274	4.00	³ S
(S) o-Terphenyl	57.8			18.0-148	

### Laboratory Control Sample (LCS)

LCS) R3637999-2 04/0	05/2100:22				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
nalyte	mg/kg	mg/kg	%	%	
C28 Diesel Range	50.0	44.4	88.8	50.0-150	
(S) o-Terphenyl			98.6	18.0-148	

### L1333893-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1333893-01 04/05/2116:12 • (MS) R3637999-3 04/05/2116:26 • (MSD) R3637999-4 04/05/2116:40												
	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
C10-C28 Diesel Range	52.5	6.63	43.5	48.1	70.4	79.7	1	50.0-150			9.97	20
(S) o-Terphenyl					63.5	48.8		18.0-148				

²Tc ³Ss ⁴Cn ⁵Sr

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#### 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

JЗ

The associated batch QC was outside the established quality control range for precision.

SDG: L1333893 DATE/TIME: 04/06/21 16:02

## Received by OCD: 5/24/2021 9:23:34 PM CCREDITATIONS & LOCATIONS

Page 142 of 1	92
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Sr

Qc

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AI

Sc

Pace Analytical Natio	onal 12065 Lebanon Rd Mo	unt Juliet, TN 37122	
Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
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
lowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky ¹⁶	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ¹⁴	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
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

* 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 Analytical.

PROJECT: 212C-MD-02466

SDG: L1333893 DATE/TIME: 04/06/21 16:02

PAGE: 12 of 14

Received by OCD: 5/24/2021 9:23:34 PM Analysis Request of Chain of Custody Record

Page : 1 of 1

TE	901 West Wall Street, Suite 100 Midland, Texas 79701 Tel (432) 682-4559 Fax (432) 682-										2																
Client Name:	Name: Conoco Phillips		ər:	Christian Llull								A	AL	YS	SIS REQUEST												
Project Name:	EVGSAU 02437-001	Contact Info	Email: christian.llull@tetratech.com Phone: (512) 338-1667							1.	1	1	(		rcle	0	r S  	peo	cify	M	eth			).)			
Project Location: (county, state) Lea County, New Mexico		Project #:	212C-MD-02446								1							е. 73									
Invoice to:	Accounts Payable 901 West Wall Street, Suite 100 Midland, Texas 797	01														1					ist)						
Receiving Laboratory:	Pace Analytical	Sampler Sig	nature:		John	Thur	ston	1	1		- #100 -	1	O MRO		Se Hg	Se Hg			1						tached I		Sal
Comments: COPTET	RA Acctnum		e.									8260B	35) RO - ORC		cd Cr Pb	Cd Cr Pb			4	)C/625				SC	ry (see at		
		SAM	PLING	M	ATRIX	PF	ESE	ERVA		ss	î	BTEX	xt to C3		As Ba (	As Ba	10100	nies	0B / 62	ol. 827(	8			te TC	themist	ance	
LAB #	SAMPLE IDENTIFICATION	YEAR: 2021				Т	1.24	Π	Τ	AINE	D (Y	218	005 (E	20	als Ag	tals Ag	atiles		ol. 826	emi. Vo	82 / 60		00.00	Sulfa	Vater C	ion ba	
( LAB USE )	U333893	DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE	NONE	# CONT	FILTER	BTEX 80	TPH R01	PAH 827	Total Meta	TCLP Me	TCLP Vol	RCI	GC/MS V	GC/MS SI	PCB's 80	NOKM	Chloride 3	Chloride	General V	Anion/Cat	974
-11	ESW-4 (4')	4/2/2021	10:00		х			х		1	N	х	>	(						Ť		T	X				
	ESW-4 (6')	4/2/2021	10:08		X			×		1	N	×	>	(	and the second se							+	×	2			>
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Relinquished by:	Date: Time: 4/2/2021 1530	Received by	:			D	ate:		Time:	L			LAE		SE (		REN	ARI	KS: Standa	ard			1	1			
Relinquished by: Date: Time: Relinquished by: Date: Time:		Received by	Received by:				Date: Time:					Sam	Sample Temperature					X RUSH: Same Day 24 hr. 38 hr. 72 hr.									
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Pace Analytical National Center	for Testing & Innov	vation	
Cooler Receipt	: Form		
Client: CUPTETNA		U1333	853
Cooler Received/Opened On: 1/3 / 21	Temperature:	17	
Received By: Delisha Kirkendoll		These and	
Signature: Lelhuhen			
Receipt Check List	NP	Yes	No
COC Seal Present / Intact?			
COC Signed / Accurate?	The second second	/	
Bottles arrive intact?		1	
Correct bottles used?		/	
Sufficient volume sent?		/	
If Applicable			The second second
VOA Zero headspace?			
Preservation Correct / Checked?			A PARTY AND
# APPENDIX D Photographic Documentation



TETRA TECH, INC. PROJECT NO. 212C-MD-02466	DESCRIPTION	View northeast. Release footprint, buried line, and associated ~4' bgs excavation.	1
	SITE NAME	EVGSAU 2437-001 Header Release	3/24/2021



TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View southeast from the north end of the extent. Release footprint, buried lines, and associated ~4' bgs excavation.	2
212C-MD-02466	SITE NAME	EVGSAU 2437-001 Header Release	3/24/2021



TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View northwest from south end of extent. Release footprint and associated ~4' bgs excavation.	3
212C-MD-02466	SITE NAME	EVGSAU 2437-001 Header Release	3/24/2021



TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View northwest from south end of extent. Release footprint, buried lines, and associated ~4' bgs excavation.	4
212C-MD-02466	SITE NAME	EVGSAU 2437-001 Header Release	3/30/2021



TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View south from northeast side. Release footprint, buried lines, and associated ~4' bgs excavation.	5
212C-MD-02466	SITE NAME	EVGSAU 2437-001 Header Release	3/30/2021



TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View northwest from southeast side. Release footprint, buried lines, and associated ~4'-5' bgs excavation.	6
212C-MD-02466	SITE NAME	EVGSAU 2437-001 Header Release	3/30/2021



TETRA TECH, INC.	DESCRIPTION	View northwest. Release footprint, buried lines, and associated ~5' bgs excavation.	7
212C-MD-02466	SITE NAME	EVGSAU 2437-001 Header Release	3/30/2021



TETRA TECH, INC.	DESCRIPTION	View southeast. Excavation area following backfill activities.	8
212C-MD-02466	0. 466 SITE NAME	EVGSAU 2437-001 Header Release	4/07/2021



TETRA TECH, INC.	DESCRIPTION	View north. Excavation area following backfill activities.	9
212C-MD-02466	SITE NAME	EVGSAU 2437-001 Header Release	4/7/2021

## APPENDIX E Waste Manifests

Received by OCD: 5/24/2021 9:23		23:34 PM Custo Order AFE # PO #: Manife Manife Haule Driver Truck Card 7 Job R	CONOCOPHILLIPSCustomer #:CRI2190Ordered by:JOHN THURSTONAFE #:JOHN THURSTONPO #:3/22/2021Manifest #:1Manif. Date:3/22/2021Hauler:MCNABB PARTNERSDriverCLEOTruck #M31Card #Job Ref #				Ticket #: Bid #: Date: Generator: Generator # Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	700-1200934 Page 152 of 19. O6UJ9A000HH0 3/22/2021 CONOCOPHILLIPS 02834 EVGSAU 2437-00 NON-DRILLING LEA (NM)			
Facility: CRI											
Product / Serv	vice	-		5000		Q	uantity U	nits			
Contaminated	Soil (R	CRA Exen	npt)				12.00	/ards			
	Cell	pН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						
Generator Cel I hereby certify 1988 regulatory X RCRA Exer RCRA Non characteristics e amended. The f MSDS Info	rtificatio that accord determine mpt: Oil F -Exempt: stablished following rmation	n Stateme rding to the ation, the al 'ield wastes Oil field w d in RCRA documenta RCRA	ent of Wa Resource generated aste which regulation tion is atta Hazardou	aste Stat Conserva ibed wast from oil is non-ha s, 40 CFR iched to d as Waste A	tion and Recover e is: and gas explora azardous that do 261.21-261.24 c emonstrate the a Analysis _ Pr	ery Act (R tion and p es not ex- or listed h bove-des occess Kn	CRA) and production of ceed the mi azardous w cribed wast owledge	the US Envir operations and nimum standa aste as define e is non-haza Other (Pro	onmental Prot d are not mixe rds for waste d in 10 CFR, j rdous. (Check ovide descripti	d with not hazardous part 261, s the appre- tion above)	ency's July n-exempt waste by ubpart D, as opriate items):

Driver/ Agent Signature	
-------------------------	--

R360 Representative Signature

**Customer Approval** 

### THIS IS NOT AN INVOICE!

Approved By: _____

Date:

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Received by OCD: 5/24/2021 9:23:34 PM mer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler:				mer: mer #: red by: #: est #: . Date:	CONOCOPHIL CRI2190 JOHN THURS 2 3/22/2021 MCNABB PAR	LIPS TON		Ticket #: Bid #: Date: Generator: Generator # Well Ser. #: Well Name: Well #:	700-1200940 Page 153 of 192 O6UJ9A000HH0 3/22/2021 CONOCOPHILLIPS : 02834 EVGSAU		
Permian Basi	n		Driver Truck Card Job R	# # ef #	GUMER M32	in Line		Field: Field #: Rig: County	NON-DRI LEA (NM)	LLING	
Facility: CRI											
Product / Serv	vice					Q	uantity U	nits			
Contaminated	Soil (R	CRA Exer	mpt)				12.00	yards			
	Cell	pН	CI	Cond	. %Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						
Generator Ce I hereby certify 1988 regulatory	rtification that acco determin	rding to the ation, the a	ent of Wa Resource bove descr	conservative de la conservative	tus ation and Recove te is:	ery Act (R	CRA) and	the US Enviro	onmental Pro	otection Ag	ency's July

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	(	Y	Y		
Customer Approval		1	ſ			
	THIS IS NOT AN INVOICE!					
Approved By:	Date:					

Received by	24/2021 9:	Custom Ordered AFE #: PO #: Manifes Manif. I	ner: C ner#: C d by: J st #: 3 Date: 3	ONOCOPHII RI2190 OHN THURS /24/2021	LLIPS		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name:	700-12012 06UJ9A0 3/24/2021 CONOCO 999908 EVGSAU	ge 154 of 192		
Permian Basin		Hauler: Driver Truck # Card # Job Ret	M G M	ICNABB PAF GUMER 132	TNERS		Well #: Field: Field #: Rig: County	2437-001 NON-DRILLING LEA (NM)			
Facility: CRI											
Product / Serv	ice		110	- 11	1.3.4	Q	uantity U	nits			and the second
Contaminated	Soil (R	CRA Exem	npt)				12.00 y	vards			
	Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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): MCD2 L for the provide dedication above)

____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:

Received by OCD: 5/24/2021 9:2 RB3600 ENVIRONMENTAL SOLUTIONS Permian Basin			23:34 PM Custor Ordere AFE # PO #: Manife Manif. Hauler Driver Truck Card # Job Re	Customer: CONOCOPHILLIPS Customer #: CRI2190 Ordered by: JOHN THURSTON AFE #: PO #: Manifest #: 4 Manif. Date: 3/24/2021 Hauler: MCNABB PARTNER Driver DANIEL Truck # M76 Card # Job Ref #				Ticket #: Bid #: Date: Generator: Generator # Vell Ser. #: Vell Name: Vell Name: Vell #: ield : ield #: County	700-1201: 06UJ9A0 3/24/2021 CONOCC 999908 EVGSAU 2437-001 NON-DRII LEA (NM)	ge 155 of 192	
Facility: CRI											
Product / Serv	/ice	-				Q	uantity Uni	ts			
Contaminated	Soil (R	CRA Exen	npt)				18.00 ya	irds			
	Cell	pH	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	U						
Customer Ap	Signatu	documenta RCRA re	ion is attac Hazardous	ched to dem s Waste An	R360	above-des rocess Kno Represe	ntative Sign	is non-hazar Other (Pro	rdous. (Check vide descript	k the appro tion above)	priate items):
				THIS	IS NOT	AN II	VOICI	=!			
Approved By:						D	ate:				
WE1/24	3.7-0	01									

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Received by OCD: 5/24/2021 9:2. RECEIVED AND AND AND AND AND AND AND AND AND AN		23:34 PM Custo Ordern AFE # PO #: Manife Manif. Haule Driver Truck Card # Job Re	mer: CONOCOPHILLIF omer #: CRI2190 red by: JOHN THURSTO #: fest #: 5 f. Date: 3/24/2021 er: MCNABB PARTN er JOE k # M81		LLIPS TON	Ticket #: Bid #: Date: Generator: Generator: Well Ser. #: Well Name: S Well #: Field: Field #: Rig: County		700-1201227 O6UJ9A000HH0 3/24/2021 CONOCOPHILLIPS 999908 EVGSAU 2437-001 NON-DRILLING LEA (NM)		ge 156 of 192	
Facility: CRI											
Product / Serv	ice		-			Q	uantity Ur	nits			
Contaminated Soil (RCRA Exem		npt)				16.00 y	ards				
	Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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** 

**Customer Approval** 

### THIS IS NOT AN INVOICE!

Approved By:

Date:

**R360 Representative Signature** 

Received by OCD: 5/24/2021 9: RECEIVER SOLUTIONS Permian Basin	23: 34 PM Customer: CF Ordered by: JC AFE #: PO #: Manifest #: 6 Manif. Date: 3/2 Hauler: MC Driver GU Truck # M3 Card # Job Ref #	ONOCOPHILLIPS RI2190 HN THURSTON 24/2021 CNABB PARTNERS JMER 32	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-1201254 Page 157 of O6UJ9A000HH0 3/24/2021 CONOCOPHILLIPS 999908 EVGSAU 2437-001 NON-DRILLING LEA (NM)			
Facility: CRI							
Product / Service		Q	uantity Units				
Contaminated Soil (RCRA Exem	ipt)		12.00 yards				
Cell pH	CI Cond.	%Solids TDS	PCI/GM MR/HR	H2S % Oil	Weight		
Generator Certification Stateme I hereby certify that according to the I 1988 regulatory determination, the ab X RCRA Exempt: Oil Field wastes RCRA Non-Exempt: Oil field was characteristics established in RCRA r amended. The following documentat MSDS Information _ RCRA Driver/ Agent Signature	ent of Waste Status Resource Conservatio ove described waste generated from oil ar uste which is non-haz egulations, 40 CFR 2 ion is attached to der Hazardous Waste Ar	s on and Recovery Act (R is: and gas exploration and p ardous that does not exc 61.21-261.24 or listed ha nonstrate the above-des halysis Process Kno R360 Represen	CRA) and the US Enviro production operations and seed the minimum standar azardous waste as defined cribed waste is non-hazar owledge Other (Pro <b>ntative Signature</b>	onmental Protection Ag are not mixed with no rds for waste hazardou 1 in 40 CFR, part 261, rdous. (Check the appro- vide description above	gency's July on-exempt waste s by subpart D, as opriate items): )		
Customer Approval				0	- 1		
	THIS	IS NOT AN II	VVOICE!				
Approved By:		D	Date:				

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Received by RRC ENVIRONMENT SOLUTIO Permian Basi		23:34 PM Custon Ordere AFE #: PO #: Manife Manife Manif. Hauler Driver Truck : Card # Job Re	ner: CC ner #: CF ed by: JO st #: 7 Date: 3/2 : MC DA # M7 ef #	24/2021 CNABB PAR NIEL	LIPS FON TNERS		Ficket #: Bid #: Date: Generator: Generator # Well Ser. #: Well Name: Well Name: Field: Field: Field #: Rig: County	700-12012 O6UJ9A00 3/24/2021 CONOCO 999908 EVGSAU 2437-001 NON-DRII LEA (NM)	256 Pa DOHHO PHILLIPS	ge 158 of 192	
Facility: CRI											
Product / Ser	vice	All and	NET I-			Q	uantity U	nits			
Contaminate	d Soil (R	CRA Exen	npt)				18.00 y	ards			
	Cell	pН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis	50/51	0.00	0.00	0.00	0						
RCRA Not characteristics amended. The MSDS Info Driver/ Agent Customer Ag	n-Exempt: established following prmation t Signatu	Oil field w d in RCRA _ accumenta _ RCRA	aste which regulations tion is atta Hazardou	is non-haz s, 40 CFR 2 ched to den s Waste An	ardous that do 261.21-261.24 monstrate the nalysis _ P. R360 	ores not ex or listed h above-des rocess Kn Represe	ceed the mi azardous w scribed wast owledge ntative Si NVOIC	nimum standa aste as define e is non-haza Other (Pro gnature	ards for waste ed in 40 CFR. ardous Chec ovide descrip	e hazardous , part 261, s ek the appro- ption above	by ubpart D, as priate items):
Approved By	+ 2437	-001					oate:			-	

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Received by OCD: 5/24/2021 9:2.			Custom Ordered AFE #: PO #: Manifes Manif. I Hauler: Driver Truck # Card # Job Rei	er: CC er #: CF d by: JO at #: 8 Date: 3/2 MC GU GU f #	NOCOPHIL RI2190 HN THURS 25/2021 NABB PAR JMER 32	LIPS FON TNERS	T E C C V V V V F F F C	ricket #: Bid #: Date: Generator: Vell Ser. #: Vell Name: Vell Name: Vell #: Field: Field #: Rig: County	700-1201363 Page 159 og O6UJ9A000HH0 3/25/2021 CONOCOPHILLIPS 999908 EVGSAU 2437-001 NON-DRILLING LEA (NM)		
Facility: CRI	acility: CRI										
Product / Serv	vice		L			Q	uantity Un	its			
Contaminated	Soil (R	CRA Exer	npt)				12.00 ya	ards			
	Cell	pН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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:

 <u>X</u> RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste <u>RCRA Non-Exempt</u>: 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): <u>MSDS Information</u> <u>RCRA Hazardous Waste Analysis</u> <u>Process Knowledge</u> <u>Other (Provide description above)</u>

Driver/ Agent Signature	R360 Representative Signature
Customer Approval	
	THIS IS NOT AN INVOICE!

_____ Date: ____

Approved By:

Received by C RC ENVIRONMENT SOLUTIO	BE TAL NS	50	23:34 PM Custo Order AFE # PO #: Manifi Haula	mer: mer #: ed by: t: est #: Date:	CONOCOPHIL CRI2190 JOHN THURS 9 3/25/2021 MCNABB PAR	LLIPS TON		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #:	700-12014 O6UJ9A00 3/25/2021 CONOCO 999908 EVGSAU 2437-001	407 Pag 00HH0 PHILLIPS	ge 160 of 19.
Permian Basin Haule Driver Truck Card Job R				# # ef #	GUMER M32	TNERS		Field: Field #: Rig: County	NON-DRILLING LEA (NM)		
Facility: CRI											
Product / Serv	ice			-		Q	uantity U	nits			
Contaminated	Soil (R	CRA Exen	npt)				12.00	yards			
	Cell	pН	CI	Cond	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						
Generator Ce	rtificatio	on Stateme	ent of Wa	ste Sta	tus		500	and the second s	1.00	1.15	20.046

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 Agacription above)

Driver/ Agent Signature

R360 Representative Signature

**Customer Approval** 

### THIS IS NOT AN INVOICE!

Approved By:

DI	2	50	Custo Order	mer #: Cl ed by: JC	RI2190 DHN THURS	RSTON Bid #: Concert			O6UJ9A000HH0 3/25/2021		
ENVIRONMENT SOLUTIO	AL NS		AFE # PO #: Manife Manife	est #: 10 Date: 3/	) 25/2021			Generator Generator # Well Ser. #: Well Name:	999908 EVGSAU		
Permian Basin Date Hauler: Driver Truck #					CNABB PAR DE 81	TNERS		Well #: 2437-001 Field: Field #:			
Truck # Card # Job Ref #				# # ef #				Rig: County	NON-DRIL LEA (NM)	LING	
Facility: CRI											
Product / Serv	ice			i pite de	1-11	Q	uantity U	nits	1 - X	1	
Contaminated	Soil (R	CRA Exe	npt)				18.00 y	vards			
	Cell	pН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lah Analysis	50/51	0.00	0.00	0.00	0						

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 Providencescription above)

Driver/ Agent Signature

**Customer** Approval

### THIS IS NOT AN INVOICE!

Approved By:

Date:

R360 Representative Signature

Received by OCD: 5/24/2021 9:23:34 PM Custome Custome Ordered AFE #: PO #: Manifest Manif. Da Hauler: Driver Truck # Card # Job Ref				mer: CC mer #: CF ed by: JC est #: 11 Date: 3/2 r: M0 # M1 # M1 #	CONOCOPHILLIPS CRI2190 JOHN THURSTON 11 3/25/2021 MCNABB PARTNERS DANIEL M76			Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-1201414 Page 162 of O6UJ9A000HH0 3/25/2021 CONOCOPHILLIPS 999908 EVGSAU 2437-001 NON-DRILLING LEA (NM)		
Facility: CRI											
Product / Serv	ice	L. St.				Q	uantity U	nits			
Contaminated	Soil (R	CRA Exer	npt)				20.00	ards			
Containinatoa	Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0		<10 ¹				
Generator Cel I hereby certify 1988 regulatory	rtification that acco determin	rding to the ation, the a	ent of Wa Resource	Conservat	JS ion and Recov 9 is:	ery Act (R	CRA) and	the US Envir	onmental Pro	otection A	gency's July

Driver/ Agent Signature

**R360 Representative Signature** 

**Customer Approval** 

## THIS IS NOT AN INVOICE!

Approved By:

WEIL 39.001

Received by OCD: 5/24/2021 9:23			23:34 PM Custo Order AFE # PO #: Manife Manife Driver Truck Card a Job R	mer: CC mer #: CF ed by: JC :: 12 Date: 3/2 r: Mi Gl # M # ef #	DNOCOPHIL RI2190 DHN THURS 25/2021 CNABB PAR UMER 32	LIPS FON TNERS		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	700-12014 O6UJ9A00 3/25/2021 CONOCO 999908 EVGSAU 2437-001 NON-DRII LEA (NM)	194 <i>Pag</i> DOHHO PHILLIPS	ge 163 of 192
Facility: CRI											
Product / Serv	ice	1,11,11				Q	uantity U	nits			
Contaminated	Soil (R	CRA Exer	npt)				12.00	yards			
	Cell	pН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0			2.00			
Generator Cer I hereby certify 1 1988 regulatory X RCRA Exer RCRA Non- characteristics e amended. The f	tificatic that acco determin npt: Oil I Exempt: stablishe ollowing	on Statemort rding to the lation, the a Field wastes Oil field w d in RCRA documenta	ent of Wa Resource bove descrist generated aste which regulation ttion is atta	aste Statu Conservati ribed waste I from oil a n is non-haz s, 40 CFR 2 ached to de	IS ion and Recover is: nd gas explora zardous that do 261.21-261.24 monstrate the a	ery Act (R ation and p bes not exc or listed h above-des	CRA) and production ceed the mi azardous w scribed was	the US Envir operations and nimum standa vaste as define te is non-haza	onmental Pro I are not mix rds for waste d in 40 CFR, rdous. [Chec	otection Ag ed with not hazardous part 261, s k the appro	ency's July n-exempt waste by ubpart D, as opriate 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:

Received by C RECE ENVIRONMENT SOLUTION Permian Basin	Received by OCD: 5/24/2021 9:23		3:3 Custor Ordere AFE # PO #: Manife Manif. Hauler Driver Truck Card # Job Re	omer: CONOCOPHILLIPS omer #: CRI2190 red by: JOHN THURSTON #: est #: 13 . Date: 3/25/2021 er: MCNABB PARTNEF r DANIEL : # M79 # Ref #				Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-1201497 O6UJ9A0001 3/25/2021 CONOCOPH 999908 EVGSAU 2437-001 NON-DRILLI LEA (NM)	, Pag HHO IILLIPS NG	ge 164 of 192
Facility: CRI											
Product / Serv	ice	$f = f \phi_{ij}$			-	Q	uantity U	nits			
Contaminated Soil (RCRA Exem			npt)	ot) 18.				yards			
	Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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:

24187001

Received by OCD: 5/24	Custo Custo Order AFE # PO #: Manifi Haule Driver Truck Card a Job R	omer: CC omer #: CF red by: JC #: est #: 14 . Date: 3/2 er: MC - JC # M8 # ef #	DNOCOPHI RI2190 DHN THURS 25/2021 CNABB PAR DE 31		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	Page 165 of 192 06UJ9A000HH0 3/25/2021 CONOCOPHILLIPS 999908 EVGSAU 2437-001 NON-DRILLING LEA (NM)				
Facility: CRI										
Product / Service	1.22				Q	uantity U	nits	- C		
Contaminated Soil (R	CRA Exem	pt) 18.00 yards								
Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis: 50/51	0.00	0.00	0.00	0						
Generator Certification I hereby certify that accorn 1988 regulatory determina X RCRA Exempt: Oil F RCRA Non-Exempt: characteristics established amended. The following MSDS Information Driver/ Agent Signature Customer Approval	n Stateme ding to the I tion, the ab ield wastes y Oil field wa in RCRA r documentati RCRA	nt of Wa Resource ove descr generated ste which egulations ion is attac Hazardou	Ste Status Conservatio ibed waste from oil an is non-haza s, 40 CFR 2 ched to den s Waste An	an and Recover s: d gas explora widous that do 51.21-261.24 ( toonstrate the a alysis Pr R360 f	ery Act (R tion and p es not exc or listed h above-des rocess Kno <b>Represe</b>	CRA) and the minaction of the minaction	the US Enviro operations and nimum standar aste as defined e is non-hazaro Other (Prov gnature	anmental Pro are not mixe ds for waste in 40 CFR, dous/(Check vide descript	tection Ag ed with nor hazardous part 261, s the appro ion above)	ency's July n-exempt waste by ubpart D, as priate items):

### THIS IS NOT AN INVOICE!

Approved By:

Received by OCD: 5/24/2021 9:2: RB3600 ENVIRONMENTAL SOLUTIONS Permian Basin			23: 34 By Custor Ordero AFE # PO #: Manife Manif. Haules Driver Truck Card # Job R	mer: CC mer #: CR ed by: JO est #: 15 Date: 3/2 r: MC r: DA # M7 # ef #	NOCOPHIL RI2190 HN THURS 26/2021 CNABB PAR NIEL 79	LIPS FON TNERS	T E C C V V V V F F F C	Ficket #: Bid #: Date: Generator: # Vell Ser. #: Vell Name: Vell Name: Field: Field #: Rig: County	700-12016 O6UJ9A00 3/26/2021 CONOCO 999908 EVGSAU 2437-001 NON-DRI LEA (NM)	672 Pa 00HH0 PHILLIPS	ge 166 of 192
Facility: CRI											
Product / Serv	vice					Q	uantity Un	its			
Contaminated	Soil (R	CRA Exen	npt)				18.00 ya	ards			
	Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
1988 regulatory <u>X</u> RCRA Exen <u>RCRA Non-</u> characteristics ex- amended. The f <u>MSDS Infor</u> <b>Driver/ Agent</b>	determin npt: Oil I -Exempt: stablishe following rmation Signatu	ation, the al Field wastes Oil field w d in RCRA documenta RCRA	oove descr generated aste which regulation tion is atta Hazardou	ibed waste I from oil ar is non-haz s, 40 CFR 2 uched to den is Waste An	is: and gas explora ardous that do 61.21-261.24 nonstrate the nalysis Pr <b>R360</b>	tion and p bes not exe or listed h above-des rocess Kn Represe	oroduction o ceed the min azardous wa cribed waste owledge ntative Sig	perations and imum standa ste as define is non-haza Other (Pro nature	d are not mix urds for waste d ih 40 CFR, rdous (Chec byide descrip	ted with nor e hazardous , part 261, s k the appro tion above)	n-exempt wast by ubpart D, as priate items):
Customer App	proval					-					
				THIS	IS NOT	AN I	NVOIC	E!			
Approved By:						D	oate:			-	
NEI 12137-0	01										

.

Received by	OCD: 5/	24/2021 9:2	23:34 PM		CONOCODI			Tickot #	700-12016	568 <b>Pa</b>	ge 167 of 19.	
		/ 10	Custo	mer:	CRI2190	ILLIP3		Rid #	06UJ9A0	оонно	, <i></i>	
	00	6	Order	niel #.	JOHN THUE	RSTON		Date:	3/26/2021			
	$\mathbf{X} \in$		AFF #	eu by.		(oron		Generator:	CONOCO	PHILLIPS		
			PO #					Generator #:				
ENVIRONMENT	AL	1	Manife	est#:	16			Well Ser. #:	999908			
SOLUTIO	NS		Manif.	Date:	3/26/2021			Well Name: EVGSAU				
			Haule	r:	MCNABB P	ARTNERS		Well #: 2437-001				
Permian Basir	ermian Basin Driver				CLEO			Field:				
	Tru				M32			Field #:				
			Card #	#				Rig:	NON-DRI	LLING		
			Job R	ef#				County	LEA (INIVI)			
Facility: CRI												
Product / Serv	vice	10 h - 11				C	uantity U	Inits			1.1.1.15	
Contaminated	Soil (R	CRA Exen	npt)				12.00	yards				
	Cell	pН	CI	Con	d. %Solid	s TDS	PCI/GN	MR/HR	H2S	% Oil	Weight	
Lab Analysis:	50/51	0.00	0.00	0.0	0 0							
		~										
Generator Ce	rtificatio	on Statem	ent of wa	iste Sta	atus	1.10		the LIC Envir	anmontal Pr	stection An	ency's July	
I hereby certify	that acco	rding to the	Resource	Conserv	ation and Rec	covery Act (I	(CKA) and	the US Envir	Jinnentai FI	section Ag	ency a sury	
1988 regulatory	determin	ation, the a	bove descr	ibed wa	ste 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:

Received by OCD: 5/24/2021 9:2: RECEIVED BY OCD: 5/24/2021 9:2: Participation States of the second states of the			23:32 PM Custor Ordere AFE # PO #: Manife Manif. Hauler Driver Truck Card # Job R	Customer #: CRI2190 Ordered by: JOHN THURST AFE #: PO #: Manifest #: 17 Manif. Date: 3/26/2021 Hauler: MCNABB PART Driver DANIEL Truck # M79 Card # Job Ref #		LIPS FON TNERS		Ficket #: Bid #: Date: Generator: Generator # Vell Ser. #: Vell Name: Vell Name: Field: Field: Field #: Rig: County	700-1201724 Page 108 of 1 O6UJ9A000HH0 3/26/2021 CONOCOPHILLIPS 999908 EVGSAU 2437-001 NON-DRILLING LEA (NM)			
Facility: CRI												
Product / Serv	vice	- Sugar		Quantity Units								
Contaminated	Soil (R	CRA Exen	npt)				18.00 y	ards		N/ 01	101-1-1-1	
	Cell	pH	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight	
Lab Analysis:	50/51	0.00	0.00	0.00	0							
amenucu. The	tonowing	documenta	tion is atta	ched to de	emonstrate the a	above-des	azardous w scribed wast	e is non-haza	d in 40 CFR, rdous. (Chec	k the appro	priate items):	
MSDS Info	ormation Signatu	documenta RCRA	tion is atta Hazardou	ched to de	201.21-261.24 ( emonstrate the a Analysis Pr <b>R360</b> [	or listed h above-des rocess Kn Represe	azardous w scribed wast owledge ntative Sig	aste as define e is non-haza Other (Pro gnature	d in 40 CFR, rdous. (Chec ovide desorie	k the appro	priate items):	
MSDS Info Driver/ Agent Customer Ap	Signatu	documenta RCRA	tion is atta Hazardou	ched to do	261.21-261.24 ( emonstrate the a Analysis _ Pr <b>R360</b> 1	or listed h above-des rocess Kn Represe	azardous w scribed wast owledge ntative Sig	aste as define e is non-haza Other (Pro gnature	d in 40 CFR, rdous. (Chec ovide desorie	k the appro	priate items):	
MSDS Info Driver/ Agent  Customer Ap	Signatu	documenta RCRA	tion is atta Hazardou	ched to do s Waste /	amonstrate the a Analysis _ Pr R360 1	above-des rocess Kn Represe	ntative Sig	e is non-haza _ Other (Pro gnature	d in 40 CFR, rdous. (Chec ovide desorie	k the appro	priate items):	
MSDS Info Driver/ Agent Customer Ap	Signatu	documenta RCRA	tion is atta Hazardou	THIS	Col.21-261.24 ( emonstrate the a Analysis _ Pr R360 1 Colored B IS NOT	Represe	ntative Sig	nste as define e is non-haza Other (Pro gnature	d in 40 CFR, rdous. (Chec	k the appro	priate items):	
Approved By:	Signatu proval	documenta RCRA	tion is atta Hazardou	THIS	B IS NOT	ANI	ntative Sig	iste as define e is non-haza _ Other (Pro gnature	d in 40 CFR, rdous. (Chec ovide desorie	k the appro	priate items):	

.

Received by	124/2021 9:	23:34 PM Custo Order AFE # PO #: Manife Manife	mer: C mer #: C ed by: J( : est #: 18 Date: 3/	ONOCOPHIL RI2190 DHN THURS 3 26/2021 CNABB PAR	TON		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #:	700-1201723 Page 169 of 19 O6UJ9A000HH0 3/26/2021 CONOCOPHILLIPS 999908 EVGSAU 2437-001			
Permian Basir	Permian Basin Hauler: Driver Truck # Card # Job Ref #				LEO 32	in Line		Field: Field #: Rig: County	NON-DRILLING LEA (NM)		
Facility: CRI											
Product / Serv	ice	100				Q	uantity Un	its		L'had	- (- ÷
Contaminated Soil (RCRA Exempt)						12.00 y	ards				
	Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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): NGRA Exempt: Oil Field wastes with non-exempt waste 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:

Received by RRG ENVIRONMENT, SOLUTION Permian Basin	Received by OCD: 5/24/2021 9:24 RECEIVED BY OCD: 5/24/2021 9:24 PR360 Province of the second seco		3:24 States: Customer a Ordered by AFE #: PO #: Manifest #: Manif. Date Hauler: Driver Truck # Card # Job Ref #	CONOCO stomer #: CRI2190 dered by: JOHN THI E #: ) #: unifest #: 19 anif. Date: 3/29/2021 nuler: MCNABB iver JOE uck # M81 ard # b Ref #		LIPS TON TNERS		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-120213 O6UJ9A000 3/29/2021 CONOCOF 999908 EVGSAU 2437-001 NON-DRIL LEA (NM)	38 Pa OHHO PHILLIPS LING	rge 170 of 192
Facility: CRI											
Product / Serv	lice		1 4 1			Q	uantity U	nits			
Contaminated	Soil (R	CRA Exem	pt)				10.00	yards			
	Cell	pН	CI C	ond.	%Solids	TDS	PCI/GN	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00 0	0.00	0						

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:

 <u>X</u> RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste <u>RCRA Non-Exempt</u>: 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): <u>MSDS Information</u> <u>RCRA Hazardous Waste Analysis</u> <u>Process Knowledge</u> <u>Other</u> (Provide description above)

Driver/ Agent Signature	R360 Representative Signature
Customer Approval	
	THIS IS NOT AN INVOICE!
Approved By:	Date: X

Received by OCD: 5/24/2021 9:23:36 Cu Or AF PC Ma Permian Basin Facility: CBI			23:34 PM Custo Order AFE # PO #: Manif Haule Driver Truck Card Job R	ConocophillipsCustomer #:CRI2190Ordered by:JOHN THURSONAFE #:PO #:PO #:Manifest #:20Manif. Date:3/29/2021Hauler:Hauler:MCNABB PARTNERSDriverACIETruck #M80Card #Job Ref #				Ticket #: Bid #: Date: Generator: Generator # Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	700-1202 06UJ9A0 3/29/2021 CONOCC 999908 EVGSAU 2437-001 NON-DRI LEA (NM)	137 Pag 00HH0 0PHILLIPS	ge 171 of 192
r donity: ord						Contractor of the					
Product / Serv	vice		1 3 4	1.1.1		Q	uantity U	nits			
Contaminated	Soil (R	CRA Exer	npt)				10.00	yards			
	Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						
Generator Cer I hereby certify t 1988 regulatory	rtification that acco determin	on Stateme rding to the action, the al	ent of Wa Resource	aste Stati Conservat	us ion and Recov e is:	ery Act (R	CRA) and	the US Enviro	onmental Pro	otection Ag	ency's July

<u>X</u> 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
	YM
Customer Approval	
	THIS IS NOT AN INVOICE!

Approved By: _____

#### TRANSPORTER'S MANIFEST

MANIFEST # 2)

SHIPPING FACILITY NAME & ADDRESS: ConocoPhillips Company 935 N. Eldridge Pkwy., Houston, TX 77079	ACCOUNTING INFORMATION EVGSAU 2437-001 Release – RMR Project GL Account No.: 702000
Attn. Marvin Soriwei Marvin.Soriwei@conocophillips.com 832.486.2730	WBS Element: WAO.000.7129.00.RM
LOCATION OF MATERIAL: ConocoPhillips Company	
EVGSAU 2437-001 Flowline Release (AoC 71 Unit Letter I and J, Section 19, Township 17 Lea County, New Mexico	29) South, Range 35 East
TRANSPORTER NAME AND ADDRESS:	
McNabb Partners TR 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050	UCK # M79
DESCRIPTION OF WASTE: Impacted Soil	
TRUCK CAPACITY: 20 yds Approxin	APPROXIMATE % FULL 75 MATE VOLUME HAULED OFF $15 y ds$
FACILITY CONTACT:	177
Date: $3/29/2$ Signature (Agent for C	of Contact: onocoPhillips)
NAME OF TRANSPORTER (Driver):	
Date: 03-29-21 Signature	Driver: Waniel, Nevarez
DISPOSAL SITE:	DANIEL NEUAREZ
R360 P.O. Box 388 4507 W Carlsbad Hwy Hobbs, New Mexico 88241	BElly, Dump.
Date: 329221 Represent Signature	ative Marginuz

Released to Imaging: 8/4/2021 9:18:11 AM

Received by OCD: 5/24/2021 9:2. RECEIVED BY OCD: 5/24/2021 9:2. ENVIRONMENTAL SOLUTIONS Permian Basin		23:34 PM Customer: Customer # Ordered by AFE #: PO #: Manifest #: Manif. Date Hauler: Driver Truck #	r: CONOCOPHILLIPS r #: CRI2190 by: JOHN THURSTON #: 21 ate: 3/29/2021 MCNABB PARTNEI DANIEL M79			Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: S Well #: Field: Field #:		700-1202139 Page 173 of 19 O6UJ9A000HH0 3/29/2021 CONOCOPHILLIPS 999908 EVGSAU 2437-001			
			Card # Job Ref #					Rig: County	NON-DRIL LEA (NM)	LING	
Facility: CRI											
Product / Serv	ice			6 6		Q	uantity U	nits		1.1	
Contaminated	Contaminated Soil (RCRA Exem		pt)				15.00	yards			
	Cell	рН	CI Co	nd.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00 0	.00	0					- 77	

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:

 <u>X</u> RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste <u>RCRA Non-Exempt</u>: 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): <u>MSDS Information</u> <u>RCRA Hazardous Waste Analysis</u> <u>Process Knowledge</u> <u>Other (Provide description above)</u>

**Driver/ Agent Signature** 

**R360 Representative Signature** 

**Customer Approval** 

### THIS IS NOT AN INVOICE!

Approved By:

WE/124139-00 (

Date:

Received by O RR3 ENVIRONMENTA SOLUTION Permian Basin		4/2021 9:23	3 Customer Customer Ordered k AFE #: PO #: Manifest : Manif. Da Hauler: Driver Truck # Card # Job Ref #	:: C( +#: Cl by: JC #: 22 tte: 3/ M JC JC	ONOCOPHILL RI2190 DHN THURST 2 29/2021 ICNABB PART DE 181	IPS ON NERS		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-120219 06UJ9A000 3/29/2021 CONOCOP 999908 EVGSAU 2437-001 NON-DRILL LEA (NM)	96 <i>Pag</i> 9HH0 HILLIPS LING	e 174 of 192
Facility: CRI											
Product / Serv	ice	1000				Q	uantity U	nits	and the state of the	15 115	
Contaminated	Soil (R	CRA Exem	pt)				1620.00	yards			
	Cell	pН	CI	Cond.	%Solids	TDS	PCI/GN	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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	
Customer Approval	THIS IS NOT AN INVOICE!
Approved By:	Date:

Received by C RCG ENVIRONMENTA SOLUTION Permian Basin		24/2021 9:1	23:34 PM Custor Ordere AFE # PO #: Manife Manif, Hauler Driver Truck Card # Job Re	ner: CC mer #: CF ed by: JC est #: 23 Date: 3/2 ". Mi AC # Mi # Mi #	DNOCOPHIL RI2190 DHN THURST 29/2021 CNABB PAR CIE 80	LIPS FON TNERS		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	700-1202 06UJ9A00 3/29/2021 CONOCO 999908 EVGSAU 2437-001 NON-DRI LEA (NM)	192 <i>Pa</i> 00HH0 PHILLIPS	ge 175 of 192
Facility: CRI											
Product / Serv	ice	Take in			117 11	Q	uantity U	nits			
Contaminated	Soil (R	CRA Exen	npt)				16.00	yards			
	Cell	pН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						
Generator Cell I hereby certify t 1988 regulatory X RCRA Exer RCRA Non- characteristics e amended. The f	rtificatic that accord determin npt: Oil H -Exempt: stablished following	on Stateme rding to the ation, the al Field wastes Oil field w d in RCRA documenta	ent of Wa Resource bove descr generated aste which regulations tion is atta Hazardou	ste Statu Conservati ibed waste from oil a is non-haz s, 40 CFR ched to de	IS ion and Recover is: and gas explore zardous that do 261.21-261.24 monstrate the nalvsis P	ery Act (R ation and p bes not ex- or listed h above-des rocess Kn	CRA) and production ceed the mi azardous w cribed was owledge	the US Envir operations and nimum standa vaste as define te is non-haza Other (Pro	onmental Production I are not mix rds for waste d in 40 CFR rdous. (Chec ovide descrip	otection Ag ked with no e hazardous , part 261, s k the appro- ption above	ency's July n-exempt waste s by subpart D, as opriate items):

Driver/	Agent	Signature
DITACIA	Agoin	orginacuro

R360 Representative Signature

**Customer Approval** 

# THIS IS NOT AN INVOICE!

Approved By:

Received by ( RRG ENVIRONMENTA SOLUTION Permian Basin			3:34 PM Custon Ordere AFE #: PO #: Manife Manif. Hauler Driver Truck Card # Job Re	mer: C mer #: C ed by: J est #: 2 Date: 3 Date: 3 M # A # M # N ef #	ONOCOPHIL RI2190 OHN THURST 4 /29/2021 MCNABB PAR CIE 180	LIPS TON TNERS		Ticket #: Bid #: Date: Generator: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	700-12022 O6UJ9A00 3/29/2021 CONOCO 999908 EVGSAU 2437-001 NON-DRII LEA (NM)	224 <i>Pa</i> DOHHO PHILLIPS	ge 176 of 192
Facility: CRI											
Product / Serv	ice		2 00 g 1 1 1	-	WE WE	Q	uantity U	nits			
Contaminated	Soil (R	CRA Exem	npt)				16.00	yards			
	Cell	Ha	CI	Cond.	%Solids	TDS	PCI/GN	MR/HR	H2S	% Oil	Weight
Lab Analysis:	14	0.00	0.00	0.00	0						
Generator Cer I hereby certify t 1988 regulatory o X RCRA Exen _ RCRA Non- characteristics es amended. The fo _ MSDS Infor	tification hat acco determin ppt: Oil I Exempt: stablisher collowing rmation	on Stateme rding to the ation, the ab Field wastes Oil field was d in RCRA documental RCRA	ent of Wa Resource generated aste which regulations tion is atta Hazardou	este Stat Conserva ibed wast from oil is non-ha s, 40 CFR ched to d s Waste A	tion and Recover tion and Recover and gas explora azardous that do 261.21-261.24 emonstrate the Analysis Pr	ery Act (R ation and p bes not ex- br listed h above-des rocess Kn	CRA) and production ceed the m azardous v scribed was owledge	the US Envir operations and inimum standa vaste as define te is non-haza Other (Pro	onmental Pro d are not mix urds for waste d in 40 CFR, rdous. (Chec ovide descrip	otection Ag ed with no e hazardous , part 261, s k the appro- tion above	gency's July n-exempt waste s by subpart D, as opriate items):
Driver/ Agent	Signatu	ire		1	R360	Represe	ntative S	gnature		3	ara till

**Customer Approval** 

## THIS IS NOT AN INVOICE!

Approved By:

Date:

1

Received by C RRG ENVIRONMENTA SOLUTION Permian Basin			Customer Customer Ordered b AFE #: PO #: Manifest # Manif. Dat Hauler: Driver Truck # Card # Job Ref #	: CO #: CR y: JO : : 25 : : 25 : : 25 : : 25 : : 25 : : 25 : : 3/2 ! : MC : JOI : : MC : JOI	NOCOPHIL 12190 IN THURST 9/2021 NABB PAR E 1	LIPS Fon TNERS		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	700-120222 06UJ9A000 3/29/2021 CONOCOP 999908 EVGSAU 2437-001 NON-DRILLI LEA (NM)	18 Pa DHHO HILLIPS	ge 177 of 192
Facility: CRI											
Product / Serv	ice				1.1	Q	uantity U	nits			
Contaminated	Soil (R	CRA Exem	pt)				16.00	/ards			
	Cell	pН	CI C	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

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:

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)

**R360 Representative Signature** Driver/ Agent Signature Customer Approval THIS IS NOT AN INVOICE! Date: Approved By:

Received by OCD: 5/24/2021 9:2	3:34 RM MEXICO NON-HAZARDOUS OILFIELD WA	STE MANIFEST Company Man Contact Information
7360	(PLEASE PRINT)	hame home No. hult hame
	CENERATOR	NO: EOAAOQuero
A	GENERATOR	Onerator's Name - Browde the range of the conde
perator No.	Children Lease/Well	1 - CC
Operators Name	Mame & No	iedagrania Seria รองกับกลามีนายุ มีชั่งไฟการ - เมพ ยกษณราก
uddress	County	
	Rig Name 8	No. vy of the order of the Proof of the operation of the second of the s
ity, State, Zip	zinib AL of our district V AFE/PO No	API Mov - Provide the American Psizoleum Institute my
hone No.	(acto/Service Identification and Amount (place volume nex	t to waste type in barrels or cubic yards)
Oil Based Muds	NON-INJECTABLE WATERS	INJECTABLE WATERS
Oil Based Cuttings	Washout Water (Non-Injectable)	Completion Fluid/Flow back (Injectable)
Water Based Muds Water Based Cuttings	Produced Water (Non-Injectable)	Produced Water (Injectable)
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil	Truck Washout (exempt waste)	Belly Plnp
Gas Plant Waste		PRODUCTION GATHERING LINES
WASTE GENERATION PROCESS.	NON-EXEMPT E&P Waste/Service Identification a	ind Amount
All non-exempt E&	P waste must be analysed and be below the threshold limits for toxic	city (TCLP), Ignitability, Corrosivity and Reactivity.
Non-Exempt Other	*please s	elect from Non-Exempt Waste List on back
QUANTITY	B - BARRELS L - LIQUID	Q Q Y-YARDS E-EACH
QUANTITY	servation and Recovery Act (RCRA) and the US Environmental Prote-	ction Agency's July 1988 regulatory determination, the above described waste
load is (Check the appropriate classification)		venighter reactions for the transport company of
Oil field waste	s generated from oil and gas exploration and production operations	and are not mixed with non-exempt waste (KS60 Accepts certifications of a per
load basis on!	) which is non-bazardous that does not exceed the minimum standar	ds for waste hazardous by characteristics established in RCRA regulations, 40 CFR
RCRA NON-EXEMPT: 261.21-261.24	, or listed hazardous waste as defined by 40 CFR, part 261, subpart I	D, as amended. The following documentation demonstrating the waste as non-
hazardous is a	ttached. (Check the appropriate items as provided)	Other (Provide Description Below)
MSDS Inform	tion	
Emergency no	n-hazradous, non-oilfeild waste that has been ordered by the Depar	rtment of Public Safety (the order, documentation of non-hazardous waste
EMERGENCY NON-OILFEILD; determination	and a desciption of the waste must accompany this form)	
(PRINT) AUTHORIZED AGENTS NAME	DATE	SIGNATURE
The second s	TRANSPORTER	Child Heater Could Could and Child
Transporter's	De Dard 10 Lis privaris D	
Name 1 ( )	20 Fairer Diversion	
Address	Print Nati	and the second sec
dama ada <u>series de la compa</u> tiva de la compativa de la compat	/ Truck No	and the second s
Phone No.	was (were nicked up at the Generator's site listed above and deliver	ed without incident to the disposal facility listed below.
Thereby certify that the above harned material(s)	A set of the point of the set of	130 Variante
SHIPMENT DATE	DRIVER'S SIGNATURE	
TRUCK TIME STAN	1P DISPOSAL FACILIT	Y RECEIVING AREA
IN: OUT:	nulatricine	Name/No.
Site Name/	Phone N	o. 575-393-1079
Permit No. Halfway Facility / NM1-006	Marker 66 Carlsbad, NM 88220	and - American and a state of the state of t
NORM READINGS TAKEN? (Circle	Dne) YES NO If YES, Y	was reading > 50 micro roentgens? (circle one) VES NO
PASS THE PAINT FILTER TEST? (Circle	Dne) (YES NO	nore integration integration integration
Here and the second sec	TANK BOTTOMS	Automotiened meteration from a hydrocarbony.
Feet	Inches and and and and address with an attaction	BS&W/BBLS Received BS&W (%)
1st Gauge	Menoral Transformer (Land Market)	Free Water
Received	Ludontes hos without way with failed and	Total Received
I haraby cortify that the above load material h	as been (circle one): ACCEPTED DENIED If der	nied, why?
Thereby certify that the above load material	1 0/7/)	Analy was to a final the second and the second and the second sec
	- Did - Mile	SIGNATURE
NAME (PRINT)		

Released to Imaging: 8/4/2021 A:18:11 AM - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERAT

Received by OCD: 5/24/2021 9:23	:34 RM MEXICO NON-HAZARDOUS O	ILFIELD WASTE N	MANIFEST Company Man CPage 179 of 192
	(PLEASE PRI	NT)	Phone No. Thurston
SOLUTIONS	GENERAT	OR	NO. E04409
Operator No.	Phillips	Permit/RRC No. Lease/Well Name & No.	EVESAU-20137-a
Address	Contraction of the second second	API No.	114
City State, Zip	A The second	Rig Name & No.	<u> </u>
Phone No.	and the providence of the second	AFE/PO No.	Not the second se
EXEMPT E&P Wa	iste/Service Identification and Amount (place	volume next to w	raste type in barrels or cubic yards)
Oll Based Muds	NON-INJECTABLE WATERS Washout Water (Non-Injectable)		Washout Water (Injectable)
Water Based Muds	Completion Fluid/Flow back (Non-Injectable) Produced Water (Non-Injectable)	a <u>aw ant maa</u> lif	Produced Water (Injectable)
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable) OTHER EXEMPT WASTES (type and generation process of the waste)
Tank Bottoms	Truck Washout (exempt waste)	17 <u>00000000000</u> 07	Belly Dunp
Gas Plant Waste			PRODUCTION GATHERING LINES
WASTE GENERATION PROCESS:		dentification and Am	ount
All non-exempt E&P	waste must be analysed and be below the threshold	l limits for toxicity (TC	11P), Ignitability, Corrosivity and Reactivity.
Non-Exempt Other		*please select fr	rom Non-Exempt Waste List on back
QUANTITY	B - BARRELS	L - LIQUID	Q Q Y-YARDS E-EACH
I hereby certify that according to the Resource Conse	rvation and Recovery Act (RCRA) and the US Enviro	nmental Protection A	gency's July 1988 regulatory determination, the above described waste
load is (Check the appropriate classification)			erect release with non-exempt waste (B360 Accepts certifications on a per
RCRA EXEMPT: Oil field wastes	generated from oil and gas exploration and product	on operations and ar	
RCRA NON-EXEMPT: Oil field waste w	hich is non-hazardous that does not exceed the min	limum standards for v	waste hazardous by characteristics established in RCRA regulations, 40 CFR
	or listed hazardous waste as defined by 40 CFR, part ached. (Check the appropriate items as provided)	261, subpart D, as an	mended. The following documentation demonstrating the visite as not
MSDS Informati	on RCRA Hazardous Waste Analys	is 🗌	Other (Provide Description Below)
	and the second	and the second second	
EMERGENCY NON-OILFEILD:	hazradous, non-oilfeild waste that has been ordered	d by the Department orm)	of Public Safety (the order, documentation of non-nazardous waste
determinations			SIGNATURE
(PRINT) AUTHORIZED AGENTS NAME	TRANSPO	DATED	and the second
Tenenatale OA Duit	TRANSPO	KICK	
Name	in faithus	Driver's Name	- frankle
Address		Print Name	
Phone No. + 710	· · · · · · · · · · · · · · · · · · ·	Truck No.	-m53
Libereby certify that the above named material(s) w	as/were picked up at the Generator's site listed above	ve and delivered with	out incident to the disposal facility listed below.
		312	D Y come Iller
SHIPMENT DATE	DRIVER'S SIGNATURE	DEL	
TRUCK TIME STAM	DISPUSAL	ACILITY	Name/No.
OUT:			Name/No.
Site Name/ Permit No. Halfway Facility / NM1-006		Phone No.	575-393-1079
Address 6601 Hobbs Hwy US 62/180 Mile	Marker 66 Carlsbad, NM 88220	and and an and the second second	1. Contraction of the second s
NORM READINGS TAKEN? (Circle Or	e) YES ONO	If YES, was rea	ading > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle Or		TOMS	and the second se
Feet		101013	and a second
1st Gauge		B	35&W/BBLS Received BS&W (%)
2nd Gauge Received			Total Received
I hereby certify that the above load material has	been (circle one): ACCEPTED DENIED	) If denied, wh	AMA
NAME (DEIATI	- DATE	TITLE	SIGNATURE
Table Levery			()
Released to Imaging 8/4/2021 9:	18:11-MM - TRANSPORTER COPY Pir	k - GENERATOR	SITE COPY Gold - RETURN TO GENERATOR Version

	1021 9:23:34 PM	CO NON-HAZARDOUS	OILFIELD WASTE M	ANIFEST	Company Wan Page 180 of 19
7360		(PLEASE P	RINT)	Phon	e No. Thuston
		GENER	ATOR	NO.	E04400
perator No.	rophill	103	Permit/RRC No. Lease/Well Name & No. County	EV6-	<u>504405</u> 504-2037-0
dress			API No. Big Name & No.	1	)  A
ty, State, Zip			AFE/PO No.		
ione No.	MRT F&P Waste/Service Identi	fication and Amount (p	lace volume next to wa	iste type in barrels or c	ubic yards)
il Based Muds	NON-INJECTABLE V	WATERS		INJECTABLE WATERS	ie)
)il Based Cuttings	Washout Water (N Completion Fluid/F	lon-Injectable) How back (Non-Injectable)		Completion Fluid/Flow ba	ack (Injectable)
Vater Based Cuttings	Produced Water (N	Non-Injectable)		Produced Water (Injectal Gathering Line Water/W	aste (Injectable)
roduced Formation Solids	Gathering Line Wa	ter/waste (Non-injectable) LY		OTHER EXEMPT WASTES	(type and generation process of the waste)
&P Contaminated Soil	Truck Washout (ex	(empt waste)		De	ILY PUNP
Sas Plant Waste VASTE GENERATION PROCESS:	DRILLING	COMPLI		PRODUCTION	GATHERING LINES
	NO	N-EXEMPT E&P Waste/Serv	ice Identification and Amo	ount	and Reactivity
All nor	-exempt E&P waste must be analy	sed and be below the thres	hold limits for toxicity (TCI	P), Ignitability, Corrosivity	st on back
Ion-Exempt Other			*please select fro	om Non-exempt waste a.	a privates
QUANTITY		B - BARRELS	L - LIQUID	V ( L (Y-YAF	RDS E-EACH
hereby certify that according to the R	esource Conservation and Recover	y Act (RCRA) and the US En	vironmental Protection Ag	sency's July 1988 regulator	y determination, the above described waste
bad is (Check the appropriate classifica	ation) il fiold wastes generated from oil al	nd gas exploration and proc	luction operations and are	not mixed with non-exem	pt waste (R360 Accepts certifications on a per
RCRA EXEMPT: Io	ad basis only)				the state of the period and defined 40 CEI
RCRA NON-EXEMPT: O	il field waste which is non-hazardou	us that does not exceed the	minimum standards for w	vaste hazardous by charact	mentation demonstrating the waste as non-
26	61.21-261.24, or listed hazardous w	vaste as defined by 40 CFR,	part 261, subpart D, as an	lended, The following doct	
na N	ASDS Information	RCRA Hazardous Waste Ar	alysis	] Other (Provide Descripti	on Below)
EMERGENCY NON-OILFEILD:	mergency non-hazradous, non-oilfo	eild waste that has been on ne waste must accompany t	dered by the Department (	of Public Safety (the order,	documentation of non-hazardous waste
EMERGENCY NON-OILFEILD: d	mergency non-hazradous, non-oilfe etermination and a desciption of th	eild waste that has been on he waste must accompany l	dered by the Department of this form)	of Public Safety (the order,	documentation of non-hazardous waste
EMERGENCY NON-OILFEILD: d	mergency non-hazradous, non-oilfo etermination and a desciption of th ME	eild waste that has been on he waste must accompany t	dered by the Department ( his form) DATE	of Public Safety (the order,	documentation of non-hazardous waste
EMERGENCY NON-OILFEILD: d	mergency non-hazradous, non-oilfe etermination and a desciption of th	eild waste that has been on he waste must accompany I TRANS	dered by the Department of this form) DATE PORTER	of Public Safety (the order,	documentation of non-hazardous waste
EMERGENCY NON-OILFEILD: d (PRINT) AUTHORIZED AGENTS NA Transporter's Name	mergency non-hazradous, non-oilfo etermination and a desciption of the	eild waste that has been or ne waste must accompany to TRANS	dered by the Department of this form) DATE <b>PORTER</b> Driver's Name	of Public Safety (the order,	documentation of non-hazardous waste
EMERGENCY NON-OILFEILD: E d (PRINT) AUTHORIZED AGENTS NA Transporter's Name Address	mergency non-hazradous, non-oilfo etermination and a desciption of the	eild waste that has been on ne waste must accompany to TRANS	dered by the Department of this form) DATE <b>PORTER</b> Driver's Name Print Name	of Public Safety (the order,	documentation of non-hazardous waste
EMERGENCY NON-OILFEILD: d (PRINT) AUTHORIZED AGENTS NA Transporter's Name Address	mergency non-hazradous, non-oilfo etermination and a desciption of the	eild waste that has been on ne waste must accompany to TRANS	dered by the Department of this form) DATE PORTER Driver's Name Print Name Phone No. Tarel Mo	of Public Safety (the order,	documentation of non-hazardous waste
EMERGENCY NON-OILFEILD: E d (PRINT) AUTHORIZED AGENTS NA Transporter's Name Address Phone No.	mergency non-hazradous, non-oilfo etermination and a desciption of the	TRANS	dered by the Department of this form) DATE PORTER Driver's Name Print Name Phone No. Truck No.	of Public Safety (the order,	documentation of non-hazardous waste
EMERGENCY NON-OILFEILD: E d (PRINT) AUTHORIZED AGENTS NA Transporter's Name Address Phone No.	mergency non-hazradous, non-oilfo etermination and a desciption of the IME COMPANY AND COMPANY d material(s) was/were picked up at	t the Generator's site listed	dered by the Department of this form) DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered with	of Public Safety (the order,	documentation of non-hazardous waste
EMERGENCY NON-OILFEILD: E d (PRINT) AUTHORIZED AGENTS NA Transporter's Name Address Phone No. Thereby certify that the above named	mergency non-hazradous, non-oilfo etermination and a desciption of the IME DUBD DU d material(s) was/were picked up at DRIVER'S SIGNATURE	eild waste that has been on ne waste must accompany to TRANS	dered by the Department of this form) DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered with DEU	of Public Safety (the order,	documentation of non-hazardous waste
EMERGENCY NON-OILFEILD: E d (PRINT) AUTHORIZED AGENTS NA Transporter's Name Address Phone No. Thereby certify that the above named SHIPMENT DATE	termination and a desciption of the description of	t the Generator's site listed	dered by the Department of this form) DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered with DEU L FACILITY	of Public Safety (the order,	documentation of non-hazardous waste
EMERGENCY NON-OILFEILD: E d (PRINT) AUTHORIZED AGENTS NA Transporter's Name Address Phone No. Thereby certify that the above named SHIPMENT DATE TRUCK TIN	mergency non-hazradous, non-oiffo etermination and a desciption of the IME demotion of the second se	t the Generator's site listed	dered by the Department of this form) DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered with DEU LFACILITY	of Public Safety (the order,	documentation of non-hazardous waste
EMERGENCY NON-OILFEILD: E d (PRINT) AUTHORIZED AGENTS NA Transporter's Name Address Phone No. Thereby certify that the above named SHIPMENT DATE TRUCK TIN IN:	mergency non-hazradous, non-oilfo etermination and a desciption of the IME Description of the Meterial (s) was/were picked up at DRIVER'S SIGNATURE 1E STAMP OUT:	TRANS	dered by the Department of this form) DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered with DEU LFACILITY	of Public Safety (the order,	documentation of non-hazardous waste
EMERGENCY NON-OILFEILD: E d (PRINT) AUTHORIZED AGENTS NA Transporter's Name Address Phone No. Thereby certify that the above named SHIPMENT DATE TRUCK TIN IN: Site Name/ Permit No. Halfway Facility / N	termination and a desciption of the description of	t the Generator's site listed	dered by the Department of this form) DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered with DEU L FACILITY	of Public Safety (the order,	documentation of non-hazardous waste
EMERGENCY NON-OILFEILD: E d (PRINT) AUTHORIZED AGENTS NA Transporter's Name Address Phone No. Thereby certify that the above named SHIPMENT DATE TRUCK TIN IN:	mergency non-hazradous, non-oiffo etermination and a desciption of the ME d material(s) was/were picked up at DRIVER'S SIGNATURE TE STAMP OUT:	TRANS	dered by the Department of this form) DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered with DEU LFACILITY Phone No.	of Public Safety (the order,	documentation of non-hazardous waste
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Released to Imaging: 8/4/2021-9:18:11/4/My - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR VERSIO
Received by OCD: 5/24/2021 9:23	3:34 RMV MEXICO NON-HAZARI	DOUS OILFIELD WASTE N	IANIFEST CO	ompany Man Critact information 192
	(PLE)	ASE PRINT)	Phone No.	Thirden
SOLUTIONS	GEN	EPATOR	NO.	01100
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sodmun 23	umbre <del>s if offension provide the C</del>	Rig Name & No.	atom with the the	County - Provide the
City, State, Zip	up to <u>14 digits</u>	nis mos ysAFE/PO Noun Sh	American Petroloom Institu	API No Provide the
EXEMPT E&P W	aste/Service Identification and Amou	int (place volume next to wa	aste type in barrels or cubic yar	ds) IOM = PIPIEN NOR
Oil Based Muds	NON-INJECTABLE WATERS	UNERS ASSESSMENT DIVERSE	INJECTABLE WATERS	And a second sec
Oil Based Cuttings	Washout Water (Non-Injectable) Completion Fluid/Flow back (Non-Inject	able) to a large with months	Completion Fluid/Flow back (Inject	O Simulian of waste - Che (eldet
Water Based Cuttings	Produced Water (Non-Injectable)	table)	Gathering Line Water/Waste (Injectable)	ectable)
Tank Bottoms	INTERNAL USE ONLY	(dolo)	OTHER EXEMPT WASTES (type and	generation process of the waste)
E&P Contaminated Soil	Truck Washout (exempt waste)	win 0 liew edt to vild eath	perchy	M. W. Brittenbart
WASTE GENERATION PROCESS:	DRILLINGIOW CIVE John CO	MPLETION 1 (comment	PRODUCTION	GATHERING LINES
hinemer behavior new obview of a	NON-EXEMPT E&P Waste	e/Service Identification and Amo	ount	sesuring from the april
All non-exempt E&P	waste must be analysed and be below the	threshold limits for toxicity (TCI *please select fro	p), ignitability, Corrosivity and Rea	sk
Non-Exempt Other		pieuse select fit		I manager to be completed
QUANTITY	B - BARRELS	L - LIQUID	Y-YARDS	E - EACH
I hereby certify that according to the Resource Cons	ervation and Recovery Act (RCRA) and the	US Environmental Protection Ag	ency's July 1988 regulatory determ	ination, the above described waste
load is (Check the appropriate classification) Oil field wastes	generated from oil and gas exploration an	d production operations and are	not mixed with non-exempt waste	(R360 Accepts certifications on a per
RCRA EXEMIPT: load basis only)	handheid	randoott company can bi	a sida dalativ da reidimien knor	stablished in PCRA regulations 40 CER
RCRA NON-EXEMPT: Oil field waste v 261,21-261,24.	which is non-hazardous that does not excert or listed hazardous waste as defined by 40	ed the minimum standards for w CFR, part 261, subpart D, as am	ended. The following documentation	on demonstrating the waste as non-
hazardous is at	ached. (Check the appropriate items as pr	ovided)		energia de la compañía de la compañí
MSDS Informat	ion RCRA Hazardous Was	ste Analysis	Other (Provide Description Below	
STER W 9,83 JqM Emergency nor	-hazradous, non-oilfeild waste that has be	en ordered by the Department o	of Public Safety (the order, docume	ntation of non-hazardous waste
EMERGENCY NON-OILFEILD: determination	and a desciption of the waste must accomp	pany this form)		
(PRINT) AUTHORIZED AGENTS NAME	(Whiteon)	DATE	s et s	GNATURE
with the test of the set of the s	TRA	NSPORTER		· Od Bared Dell cathogs
Transporter's	10 Du Mailis	Driver's Name	No.	build be a set of the
Name <u>CLUK</u>	D Fartine	Print Name	- Lun	Configuration and the second second
Address		Phone No.	ender de la constance	Witter Jacon Curtings
Phone No. +t ) 7-		Truck No.	mho	Shuararin di perse anton
I hereby certify that the above named material(s) w	as/were picked up at the Generator's site I	isted above and delivered witho	ut incident to the disposal facility li	sted below.
in money efferts billing board bill many know		3	FRY DATE	DRIVER'S SIGNATURE
		SAL FACILITY	RECEIN	/ING AREA
	0151 0	JALIACILITI	Name/No.	$\sqrt{1}$
	sectors in the sectors			D alander p
Permit No. Halfway Facility / NM1-006	and the second	Phone No.	575-393-1079	IIG DAN DANK CHARTER AND THE
Address 6601 Hobbs Hwy US 62/180 Mile	Marker 66 Carlsbad, NM 88220	Barry vinnentie brant		net was show ignized
NORM READINGS TAKEN? (Circle Or PASS THE PAINT FILTER TEST? (Circle Or	ne) YES NO	NO	ing > 50 micro roentgens, fendre s	The second
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Received	A Larger in the second	Water from working w	Total Received	on any forth to balance it h
/ Lhereby certify that the above load material has	been (circle one): ACCEPTED	DENIED If denied, why	/?	alate the most for sud-ministr
	2/2/0	NA	NAM	Waste chulk of the state
NAME (PRINT)	DATE -	тице	The second second	SIGNATURE

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version.

Received by OCD: 5/24/2021 9:23	34 PM MEXICO NON-HAZARDOUS (	DILFIELD WASTE (	MANIFEST Company Mar Page 182 of 19 Name
ENVIRONMENTAL SOLUTIONS		and the second second	Phone No
	GENERA	TOR	NO. EDAADR
Operator No.	Phillips	Permit/RRC No. Lease/Well Name & No.	EV63AU 2437-00
Address	the second s	County API No.	NIA
City, State, Zip	and the second side approximation of the second	Rig Name & No.	
Phone No.	C C C C C C C C C C C C C C C C C C C	AFE/PO No.	
EXEMPT E&P Wa	ste/Service Identification and Amount (plac	e volume next to w	aste type in barrels or cubic yards)
Oil Based Muds	NON-INJECTABLE WATERS Washout Water (Non-Inlectable)		Washout Water (Injectable)
Water Based Muds	Completion Fluid/Flow back (Non-Injectable)	Higher will marked	Completion Fluid/Flow back (Injectable)
Water Based Cuttings	Produced Water (Non-Injectable)	7-17-	Gathering Line Water/Waste (Injectable)
Tank Bottoms	INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)
E&P Contaminated Soil	Truck Washout (exempt waste)	and the state of the	pelly Minn
WASTE GENERATION PROCESS:	DRILLING COMPLETI	ON	PRODUCTION GATHERING LINES
and the second	NON-EXEMPT E&P Waste/Service	Identification and Am	ount
All non-exempt E&P	vaste must be analysed and be below the threshol	d limits for toxicity (TC	LP), Ignitability, Corrosivity and Reactivity.
Non-Exempt Other		*please select fr	om Non-Exempt Waste List on back
QUANTITY	B - BARRELS	L - LIQUID	V Y-YARDS E-EACH
I hereby certify that according to the Resource Conse load is (Check the appropriate classification)	vation and Recovery Act (RCRA) and the US Enviro	onmental Protection A	gency's July 1988 regulatory determination, the above described waste
RCRA EXEMPT: Oil field wastes g	enerated from oil and gas exploration and product	ion operations and ar	e not mixed with non-exempt waste (R360 Accepts certifications on a per
BCRA NON-EXEMPT: Oil field waste w	nich is non-hazardous that does not exceed the mi	nimum standards for v	waste hazardous by characteristics established in RCRA regulations, 40 CFR
261.21-261.24, c	r listed hazardous waste as defined by 40 CFR, par	t 261, subpart D, as an	nended. The following documentation demonstrating the waste as non-
hazardous is atta	ched. (Check the appropriate items as provided)	te T	Other (Provide Description Below)
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EMERGENCY NON-OILFEILD: Emergency non- determination a	azradous, non-oilfeild waste that has been ordere Id a desciption of the waste must accompany this	d by the Department ( form)	of Public Safety (the order, documentation of non-hazardous waste
	The state of the s	BATE STATE	SIGNATURE
(PRINT) AUTHORIZED AGENTS MAINE	TDANCO	DTED	
	TRANSPO	JKIEK	
Name MCMUb	1) Partnuls	Driver's Name	/ Uniu
Address		Print Name	P I
All and the second s		Phone No.	
Phone No. + 2+		Truck No.	- m19
I hereby certify that the above named material(s) wa	/were picked up at the Generator's site listed abo	ve and delivered witho	out incident to the disposal facility listed below.
	DRIVER'S SIGNATURE		ZERY DATE DRIVER'S SIGNATURE
	DISPOSAL	ACILITY	RECEIVING AREA
	DISTUSAL	Daint	Name/No ) 151
001,	the second s	Juni	
Permit No. Halfway Facility / NM1-006	T	Phone No.	575-393-10797
Address 6601 Hobbs Hwy US 62/180 Mile N	1arker 66 Carlsbad, NM 88220	and 1	11/2 11
NORM READINGS TAKEN? (Circle One	) YES (NO	If YES, was read	ding > 50 micro roentgens? (circle one) YES NO
PASS THE PAINT FILTER TEST? (Circle One	) YES	NO	
East		TONS	
1st Gauge		B	S&W/BBLS Received BS&W (%)
2nd Gauge			Free Water
Keceived.		and the second s	Total Received
( I hereby certify that the above load material has l	een (circle one): ACCEPTED DENIEI	) If denied, wh	y?
UNUUMU	231	VA	men
NAME (PRINT)	DATE	TITLE	SIGNATURE

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erator No. erators Name fress y, State, Zip one No. EXEMPT E&P Waste/S I Based Muds i Based Cuttings fater Based Muds fater Based Muds fater Based Muds fater Based Muds fater Based Muds fater Based Cuttings roduced Formation Solids ank Bottoms &P Contaminated Soil as Plant Waste /ASTE GENERATION PROCESS: DRI All non-exempt E&P waste on-Exempt Other UANTITY hereby certify that according to the Resource Conservation ad is (Check the appropriate classification) RCRA EXEMPT: Dif field wastes generation is a RCRA NON-EXEMPT: Dif field wastes which is 261.21-261.24, or listed hazardous is attached MSDS Information Emergency non-hazarad determination and a comparison Comparison Dif EMERGENCY NON-OILFEILD: Emergency non-hazarad determination and a comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Compari	(PLEASE	PRINT)  RATOR  Permit/RRC No. Lease/Well Name & No. County API No. Rig Name & No. AFE/PO No.  (place volume next to w e)  PLETION  ervice Identification and Am reshold limits for toxicity (TG  *please select f L - LIQUID Environmental Protection A production operations and au the minimum standards for FR, part 261, subpart D, as a ided). Analysis ordered by the Department	No. 504408 NO. 50440 NO. 50	E - EACH e described waste rtifications on a pe A regulations, 40 Cl the waste as non-
erator No. erators Name dress y, State, Zip one No. EXEMPT E&P Waste/S il Based Muds il Based Cuttings roduced Formation Solids ank Bottoms &P Contaminated Soil as Plant Waste /ASTE GENERATION PROCESS: DRIM Mass Com Proc Gatt INTR Truc All non-exempt E&P waste on-Exempt Other UANTITY hereby certify that according to the Resource Conservation ad basis only) RCRA EXEMPT: Oil field wastes generation Oil field wastes generation Oil field wastes generation DRIM All non-exempt E&P waste on-Exempt Other DRIM EMERGENCY NON-OILFELLD: Emergency non-hazra determination and a com	GENER	Permit/RRC No. Lease/Well         Name & No.         County         API No.         Rig Name & No.         AFE/PO No.         (place volume next to w         e)	NO. 504408	E - EACH e described waste artifications on a pe A regulations, 40 Cl the waste as non-
erator No. erators Name dress y, State, Zip one No. EXEMPT E&P Waste/S I Based Muds II Based Cuttings rater Based Cuttings Comminated Soil as Plant Waste All non-exempt E&P waste on-Exempt Other UANTITY Nereby certify that according to the Resource Conservatio ad is (Check the appropriate classification) RCRA EXEMPT: Oil field wastes generat load basis only) RCRA NON-EXEMPT: Oil field waste which is 261.21-261.24, or liste hazardous is attached MSDS Information EMERGENCY NON-OILFEILD: Emergency non-hazara determination and a commination and a comminati		Permit/RRC No. Lease/Well Name & No. County API No. Rig Name & No. AFE/PO No. (place volume next to w e) e) PLETION Environmental Protection A roduction operations and an the minimum standards for FR, part 261, subpart D, as a ided) Analysis	aste type in barrels or cubic yards)  INJECTABLE WATERS  Washout Water (Injectable) Completion Fluid/Flow back (Injectable) Produced Water (Injectable) Gathering Line Water/Waste (Injectable) OTHER EXEMPT WASTES (type and generation process of PRODUCTION GATHERING L  rount CLP) Ignitability, Corrosivity and Reactivity.  from Non-Exempt Waste List on back  Y - YARDS  Agency's July 1988 regulatory determination, the above re not mixed with non-exempt waste (R360 Accepts ce waste hazardous by characteristics established in RCR/ mended. The following documentation demonstrating Other (Provide Description Below)	E - EACH e described waste rtifications on a pe A regulations, 40 Cf the waste as non-
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	description of the worker most decompany	ny this form)		
CONTRACT AUTHORIZED ACENTS NAME	<u> </u>	DATE	SIGNATURE	
(Annu ) and a second	TRAN	SPORTER		
Transporter's	DUNDULIS	Driver's Name	Maral	
Vame	I CLITTONE	Print Name		
Address		Phone No.		
<u> </u>		Truck No.	mgg	1
hereby certify that the above named material(s) was/we	re picked up at the Generator's site list	ted above and delivered with	hout incident to the disposal facility listed below.	111
	RIVER'S SIGNATURE		LIVERY DATE DRIVER'S SIGNAT	FURE
	DISPOS	AL-FACILITY	RECEIVING AREA	4
IN: OUT:	DISPOS	Dances	Name/No.	1
Site Name/ Halfway Facility / NM1-006		Phone No.	575-393-1079	
Address 6601 Hobbs Hwy US 62/180 Mile Mark	er 66 Carlsbad, NM 88220	44.	1th 1 man	
NORM READINGS TAKEN? (Circle One)	YES NO	If YES, was re	ading > 50 micro coentgens? (circle one) VES	NO
PASS THE PAINT FILTER TEST? (Circle One)	YES	NO		
	TANK	BOTTOMS		
Feet	Inches		BS&W/BBLS Received BS&W (%	6)
1st Gauge			Free Water Total Received	
neceived	Lange and Lange	DENIED If depied of	why?	
I hereby certify that the above load material has been	n (circle one): ACCEPTED	Denied, V	have been	
A I VI I I I I I I I I I I I I I I I I I	AN 12 1 X			
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Received by OCD: 5/24/2021 9:2: RECEIVER SOLUTIONS Permian Basin		23:34 PM Custor Ordere AFE #: PO #: Manife Manif. Hauler Driver Truck : Card # Job Re	ner: C( ner #: Cl ed by: JC est #: 28 Date: 3/ : M FI # M ef #	CONOCOPHILLIPS #: CRI2190 /: JOHN THURSTON : 28 e: 3/30/2021 MCNABB PARTNERS FRANKIE M83			Ticket #: Bid #: Date: Generator: Generator # Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	700-1202371 Page 184 of OGUJ9A000HH0 3/30/2021 CONOCOPHILLIPS 999908 EVGSAU 2437-001 NON-DRILLING LEA (NM)			
Facility: CRI											and the second second
Product / Serv	lice					Q	uantity U	nits		10.1 81	and the state of
Contaminated	Soil (R	CRA Exen	npt)				18.00	yards			
	Cell	рH	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						
Generator Cer I hereby certify f 1988 regulatory X RCRA Exer RCRA Non- characteristics e amended. The f MSDS Info Driver/ Agent	rtificatio that accor determina npt: Oil F -Exempt: stablished ollowing rmation Signatu	n Statemo ding to the ation, the al ield wastes Oil field w l in RCRA documenta RCRA	ent of Wa Resource ( bove descri- generated aste which regulations tion is attac Hazardous	ste Statu Conservat ibed waste from oil a is non-haz s, 40 CFR ched to de s Waste A	IS ion and Recover is: and gas explorate zardous that do 261.21-261.24 monstrate the nalysis _ P R360	ery Act (R ation and p oes not exc or listed h above-des rocess Kno <b>Represe</b>	CRA) and production ceed the m azardous v cribed was owledge ntative Si	the US Envir operations an nimum standa vaste as define te is non-haza Other (Pro gnature	ronmental Pro d are not mix ards for waste ed in 40 CFR, urdous. (Chech ovide descript	ed with no hazardous part 261, s k the appro- tion above)	ency's July n-exempt waste s by subpart D, as opriate items):
Customer Apr	oroval			_		1.1.5	1000				

## THIS IS NOT AN INVOICE!

Approved By:

Date:

Received by OCD: 5/24/2021 9:23		3:34 PM Customer Ordered b AFE #: PO #: Manifest ; Manif. Da Hauler: Driver Truck # Card # Job Ref #	:: CC +#: CF by: JC #: 29 tte: 3/ M D, M	ONOCOPHILL RI2190 DHN THURST 30/2021 CNABB PART ANIEL 79	LIPS ON TNERS		Ficket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-1202375 Page 185 of 19 O6UJ9A000HH0 3/30/2021 CONOCOPHILLIPS 999908 EVGSAU 2437-001 NON-DRILLING LEA (NM)			
Facility: CRI											
Product / Serv	ice					Q	uantity U	nits		11	
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	Cell	pН	CI	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 waster 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** 

Date:

**Customer Approval** 

## THIS IS NOT AN INVOICE!

Approved By:

NE 1/0# 24137

Received by C RRG ENVIRONMENT SOLUTION Permian Basir			23:34 PM Custor Ordere AFE # PO #: Manife Manif. Hauler Driver Truck Card # Job Re	mer: CC mer #: CF ed by: JC est #: 30 Date: 4/9 " Date: 4/9 " Date: 4/9 " Mate: 4/9 " Mate: 4/9 " Mate: 4/9 " Mate: 4/9 " Mate: 4/9 " " Mate: 4/9 " " Mate: 4/9 " " " " " " " " " " " " " " " " " " "	DNOCOPHIL RI2190 DHN THURS 5/2021 CNABB PAR ANIEL 79	LIPS FON TNERS		Ticket #: Bid #: Date: Generator: Generator # Well Ser. #: Well Name: Well Name: Well #: Field: Field #: Rig: County	700-12032 O6UJ9A00 4/5/2021 CONOCO 999908 EVGSAU 2437-001 NON-DRII LEA (NM)	254 Pa 00HH0 PHILLIPS LLING	ge 186 of 192
Facility: CRI											Marcal Jack Street
Product / Serv	vice	2 1 12				Q	uantity U	nits	100 31		Although a series
Contaminated	I Soil (R	CRA Exen	npt)	41.00			19.00	yaros	1120	% Oil	Moight
	Cell	pH	CI	Cond.	%Solids	TDS	PCI/GN	MR/HR	H25	% OII	vveignt
amended. The f MSDS Info Driver/ Agent	following rmation Signatu	documenta RCRA	tion is atta Hazardou	ched to de s Waste A	monstrate the analysis _ Pr	above-des rocess Kn <b>Represe</b>	scribed was owledge ntative Si	te is non-haza Other (Pro gnature	ardous. (Chec ovide descrip	k the appro	priate items):
Customer Ap	provar			THIS	IS NOT	AN I	NVOIC	E!	0		
Approved By:		_				C	Date:				
WEI/F	247	37-001									

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Received by OCD: 5/24/2021 9:2. RECEIVER ON MENTAL SOLUTIONS Permian Basin		23:34 PM Custon Ordere AFE #: PO #: Manife Manif. Hauler: Driver	ner: C ner #: C d by: J( st #: 3 Date: 4/ M	ONOCOPHIL RI2190 OHN THURS 1 5/2021 ICNABB PAR ANIEL	LLIPS TON TNERS		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field:	700-1203298 O6UJ9A000HH0 4/5/2021 CONOCOPHILLIPS 999908 EVGSAU 2437-001			
			Truck # Card # Job Re	f#	79			Field #: Rig: County	NON-DRIL LEA (NM)	LING	
Facility: CRI											
Product / Serv	ice			-		Q	uantity Ur	nits			1 the se
Contaminated	Contaminated Soil (RCRA Exem		ipt)				18.00 y	ards			
	Cell	рН	CI	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:

 <u>X</u> 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:

EII 2413,9,601

Date:

t6UJ9A01I6HX Released to Imaging: 8/4/2021 9:18:11 AM

Received by OCD: 5/24/2021 9:23		23:34 PM Custon Ordere AFE #: PO #: Manife Manif. Hauler Driver Truck i Card # Job Re	ner: C ner #: C ed by: J( st #: 3: Date: 4/ : M Date: 4/ : M et ef #	<ul> <li>CONOCOPHILLIPS</li> <li>#: CRI2190</li> <li>by: JOHN THURSTON</li> <li>#: 32</li> <li>ate: 4/5/2021</li> <li>MCNABB PARTNERS</li> <li>DANIEL</li> <li>M79</li> </ul>			Ficket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Ser. #: Well Name: Well #: Field : Field #: Rig: County	700-1203313 Page 188 of 1 O6UJ9A000HH0 4/5/2021 CONOCOPHILLIPS 999908 EVGSAU 2437-001 NON-DRILLING LEA (NM)			
Facility: CRI											
Product / Serv	vice			27.0.00		Q	uantity Ur	nits		( <u>-</u> _ a	Inc. A station
Contaminated	Soil (R	CRA Exen	npt)				18.00 y	vards			
	Cell	На	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						
Generator Cel	rtificatio	on Statem	ent of Wa	ste Stat	us				ma- la la		1867 - 28 S. 19

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:

<u>X</u> RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
 <u>RCRA Non-Exempt</u>: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by

Driver/ Agent Signature

**R360 Representative Signature** 

**Customer Approval** 

### THIS IS NOT AN INVOICE!

Approved By:

Date:

WEIL 24137.00 1

4/5/2021 2:19:31PM

R360 ENVIRONMENTAL SOLUTIONS	Custom Custom Ordered AFE #: PO #: Manifes Manif. I Hauler: Driver Truck # Card # Job Re	Customer: CONOCOPHILLIPS Customer #: CRI2190 Ordered by: JOHN THURSTON AFE #: PO #: Manifest #: 33 Manif. Date: 4/6/2021 Hauler: MCNABB PARTNERS Driver DANIEL Truck # M79 Card # Job Ref #				cket #: d #: enerator: enerator #: /ell Ser. #: /ell Name: /ell #: eld: eld #: ig: ounty	700-12034 06UJ9A00 4/6/2021 CONOCO 999908 EVGSAU 2437-001 NON-DRII LEA (NM)	ge 189 of 192	
Facility: CRI									
Product / Service			-	Q	uantity Uni	ts	and a second		and the stand of the
Contaminated Soil (RCRA Exe	mpt)				18.00 ya	rds		202-0.20	
Cell pH	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis: 50/51 0.00									
Generator Certification Statem I hereby certify that according to the 1988 regulatory determination, the X RCRA Exempt: Oil Field waste RCRA Non-Exempt: Oil field characteristics established in RCR/ amended. The following documen MSDS Information RCR Driver/ Agent Signature	hent of Was e Resource C above descri es generated waste which A regulations tation is attac A Hazardous	ste Statu Conservati bed waste from oil a is non-haz , 40 CFR 2 ched to de s Waste A	on and Recov is: nd gas explora cardous that do 261.21-261.24 monstrate the nalysis _ P <b>R360</b>	ery Act (R ation and p or listed h above-des rocess Kn <b>Represe</b>	CRA) and the production op ceed the mini- nazardous was scribed wasten owledge	e US Envir perations and mum standa ste as define is non-haza Other (Pro nature	onmental Pro d are not mix urds for waste d in 40 CFR, rdous. (Chec ovide descrip	otection Ag ed with no e hazardous , part 261, s k the appro- tion above	ency's July n-exempt waste s by pubpart D, as opriate items):

WEIL 24139.001

.

Received by OCD: 5/24/2021 9:23		23:32 Custor Ordere AFE # PO #: Manife Manif. Haules Driver Truck Card # Job Re	mer: C( mer #: Cl ed by: JC :: est #: 34 Date: 4// r: M D/ r: M # M # M	ONOCOPHIL RI2190 DHN THURS 6/2021 CNABB PAR ANIEL 79	LIPS TON TNERS		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	06UJ9A000HH0 4/6/2021 CONOCOPHILLIPS #: #: 999908 e: EVGSAU 2437-001 NON-DRILLING LEA (NM)			
Facility: CRI											
Product / Serv	lce					Q	uantity U	nits	3		Cart -
Contaminated	Soil (R	CRA Exen	npt)				18.00	yards			
Lab Analysis:	Cell 50/51	рН 0.00	CI 0.00	Cond. 0.00	%Solids 0	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Generator Cer I hereby certify the 1988 regulatory X RCRA Exem RCRA Non- characteristics est amended. The f MSDS Information MSDS Information MSDS Information MSDS Information	tificatio hat accor determina npt: Oil F Exempt: stablished ollowing rmation	n Stateme ding to the ation, the ab ield wastes Oil field was in RCRA documentat _ RCRA	ent of Wa Resource ( oove descri generated aste which regulations tion is attac Hazardous	ste Statu Conservati ibed waste from oil au is non-haz s, 40 CFR 2 ched to den s Waste An	s on and Recove is: nd gas explora ardous that do 261.21-261.24 c nonstrate the a nalysis Pr	ery Act (R tion and p es not exc or listed has bove-des ocess Kno	CRA) and production ceed the mi azardous w cribed wast owledge	the US Enviro operations and nimum standar vaste as definec te is non-hazar Other (Prov	onmental Pro are not mixe ds for waste l in 40 CFR, dous. (Check vide descript	tection Ag ed with non hazardous part 261, s the appro ion above)	ency's July n-exempt waste by ubpart D, as priate items):

Driver	Agent	Signa	ture
--------	-------	-------	------

WEIL-2437 W.

**R360 Representative Signature** 

**Customer Approval** 

# THIS IS NOT AN INVOICE!

Approved By:

Date:

Received by OCD: 5/24/2021 9:23:36 PM Customer Ordered b AFE #: PO #: Manifest # Manif. Da Hauler: Driver Truck # Card # Job Ref #				mer: C mer #: C ed by: J : : : : : : : : : : : : : : : : : :	25 25 25 25 25 25 25 25 25 25			Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	t: O6UJ9A000HH0 : 4/6/2021 erator: CONOCOPHILLIPS erator #: Ser. #: 999908 Name: EVGSAU #: 2437-001 1: 1 #: NON-DRILLING nty LEA (NM)			
racinty. ora	0.01					~		nito				
Product / Serv	vice			-		Q	uantity U	nits				
Contaminated	Soil (R	CRA Exer	npt)				18.00	yards				
	Cell	рH	CI	Cond.	%Solids	TDS	PCI/GN	MR/HR	H2S	% Oil	Weight	
Lab Analysis:	ab Analysis: 50/51 0.00 0.00 0			0.00	0							
Generator Ce	Generator Certification Statement of Waste St				us		on the l	d UC Fastin	annantal Dro	station Ag	anov's July	

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** 

NEIT 2437-001

## THIS IS NOT AN INVOICE!

Approved By:

Date:

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

CONDITIONS

Operator:	OGRID:
CONOCOPHILLIPS COMPANY	217817
600 W. Illinois Avenue Midland, TX 79701	Action Number:
	29350
	Action Type:
	[C-141] Release Corrective Action (C-141)
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By	Condition	Condition Date
chensley	None	8/4/2021

Action 29350

Page 192 of 192