

June 8, 2020

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

Re: Deferral Request
ConocoPhillips
EVGSAU 2923-001 Flowline Release
Unit Letter G, Section 29, Township 17S, Range 35E
Lea County, New Mexico
1RP-4593

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips Company (COP) to evaluate a release that occurred from the East Vacuum Grayburg San Andres Unit (EVGSAU) 2923-001 flowline located within Unit Letter G, Section 29, Township 17 South, Range 35 East, in Lea County, New Mexico (Site). The well site coordinates are N 32.809669°, W 103.475914°. The release site coordinates are approximately 32.807219°, -103.475825°. The Site location is shown on Figures 1 and 2.

BACKGROUND

According to the State of New Mexico C-141 Initial Report, the leak was discovered on January 18, 2017, and released 21.03 barrels of produced water due to a failed flowline. Emergency response action included recovering free standing fluids with a vacuum truck. As a result, approximately fifteen (15) barrels of produced water were recovered, leaving approximately seven (7) barrels unrecovered. The release impacted approximately 130' x 520' of adjacent pasture east to southeast of the release. The C-141 form is included in Appendix A. The approximate release extent is shown on Figure 3.

SITE CHARACTERIZATION

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

According to New Mexico Office of State Engineer's (NMOSE) Water Rights Reporting System, there are two (2) water wells are located within Section 29, Township 17 South (T17S), Range 35 East (R35E). Of these wells, the shallowest depth to water was reported at 55 feet below ground surface, and the average depth to water was reported at 72 feet below surface. According to the Chevron Texaco Groundwater Trend map, the average depth to groundwater in this area is less than 100 feet below surface. The site characterization data is shown in Appendix B.

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REGULATORY FRAMEWORK

A risk-based evaluation was performed for the Site in accordance with the NMOCD Guidelines for Remediation of Leaks, Spills, and Releases, updated August 14, 2018. The guidelines require a risk-based evaluation of the site to determine recommended remedial action levels (RRAL) for benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX), total petroleum hydrocarbons (TPH), and chloride in soil.

Based upon the Site characterization, the proposed RRALs for soil are:

- Benzene: 10 milligrams per kilogram (mg/kg);
- Total BTEX (sum of benzene, toluene, ethylbenzene, and xylene): 50 mg/kg;
- TPH (GRO + DRO + ORO): 2,500 mg/kg;
- TPH (GRO + DRO): 1,000 mg/kg;
- Chloride: 10,000 mg/kg (600 mg/kg in the top four feet).

As this reported contamination is in areas immediately under or around production tanks and pipelines, remediation would cause a major deconstruction. Per 19.15.29.12(2) NMAC, a deferral for the remediation, restoration, and reclamation for this release is requested until the equipment is removed during other operations, or when the pipeline is retrofitted or abandoned, whichever comes first.

SITE ASSESSMENT

On August 7, 2017, Tetra Tech personnel were onsite to evaluate and sample the release area. A total of four (4) soil borings (SB-1, SB-2, SB-3, and SB-4) were installed in the spill area to assess and define the extent of the impacted soil. Soil samples were collected, and field screened with a PID and tested for chlorides. Three (3) soil samples were collected from each soil boring location for analysis of TPH by EPA method 8015B modified and BTEX by EPA Method 8260. All of the samples collected were analyzed for chloride by EPA method 300.0. The soil analytical results are summarized in Table 1, and a copy of the laboratory analytical report and chain-of-custody document is included in Appendix C.

As shown in Table 1, BTEX and TPH concentrations were below the laboratory reporting limits. Chlorides concentrations did not exceed the recommended 600 mg/kg for any intervals in SB-1 and SB-2. However, elevated chloride concentrations were reported in the following intervals: SB-3 (0-1') 657 mg/kg, SB-4 (0-1') 2,870 mg/kg, SB-4 (2-3') 2,320 mg/kg, SB-4 (4-5') 2,580 mg/kg, SB-4 (6-7') 1,400 mg/kg, and SB-4 (9-10') 930 mg/kg.

WORK PLAN

On March 12, 2018, Tetra Tech submitted the work plan to NMOCD outlining a proposed closure plan for the site. The work plan was approved by NMOCD on April 4, 2018 with additional conditions of collecting sidewall confirmation samples in the 4-foot excavation area. Based on the assessment results above, ConocoPhillips proposed to excavate the spill area to depth of 4 feet below surface to remove chlorides in the subsurface soils. All the excavated material will be transported offsite for proper disposal. The area would be re-vegetated according to the specifications in the approved work plan.

SOIL EXCAVATION AND CONFIRMATION SAMPLING RESULTS

On June 11 - 15, 2018, Tetra Tech personnel were onsite to supervise the excavation and remediation activities outlined in the work plan. Additionally, Tetra Tech collected sidewall confirmation samples from the 6-inch scraped area to ensure laterally delineation. During this time, a historical spill was encountered in the area of SB-4, the main area of excavation. Lateral delineation by chloride field screening methods showed chloride concentrations exceeding the recommended limit of 600 mg/kg in the areas of NWS-1 and ESW-1, outside of the documented spill release for 1RP-4593. After the evaluation of the data, ConocoPhillips determined to excavate the historical spill within reason. The next phase of excavation was completed from June 27-29, 2018. The main excavated areas and depths are shown on Figure 4.

ConocoPhillips

To confirm that the impacted materials were properly removed, confirmation sidewalls and bottom hole samples were collected from the excavation. A total of four (4) bottom hole samples (AH-1 through AH-4) and fourteen (14) sidewall samples were collected. The confirmation samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8260B and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The results of the sampling are summarized in Table 2.

Referring to Table 2, the sidewalls were expanded in the shallow removal area from the spill release 1RP-4593. Final sidewall confirmation samples showed BTEX and TPH below their RRALs and chlorides below 600 mg/kg.

Three side wall samples (NSW-1, ESW-1, SSW-1) and one bottom hole sample (AH-1) were collected within the initial release area and excavated to a depth of 4.0 feet. All three initial sidewall samples tested above the 600 mg/kg concentration level. The area NSW-1 was expanded 30.0 feet to remove the encountered historical spill, and the area of SSW-1 was expanded 4.0 feet. The areas were then resampled, and both samples collected had chloride concentrations below the 600 mg/kg as well as BTEX and TPH below their respective RRALs. A 40 mil-liner was installed at 4.0' below surface in the area containing sample points (AH-1, NSW-1, ESW-1, and SSW-1) to prevent further vertical migration.

To determine if the release extended further east past the adjacent subsurface pipeline, a trench was created and a sample, ESW-1 (10') was collected. The data confirmed chloride concentrations above 600 mg/kg outside of the initial release area of 1RP-4593. The historical release area was defined by three side wall samples (NSW-4, ESW-1, SSW-4) and two bottom hole samples (AH-4, and AH-2). The area of ESW-1 (10') was located adjacent to a right of way for a subsurface pipeline. This area of the excavation was not expanded, due to encroachment issues onto the subsurface pipeline, that would cause a safety concern for onsite personnel. The bottom hole sample (AH-4) was duplicated when the initial sample collected showed elevated levels of TPH, that were not observed in any other samples collected from the site. This was possibly due to cross contamination of fluids from a leak on a hydraulic line from heavy machinery onsite used to collect the sample. The duplicated bottom hole sample of (AH-4) at the sample depth showed chloride concentration levels below the allowable 600 mg/kg, as well as total TPH levels below the RRAL. All fluids released from the hydraulic line of onsite machinery were scrapped and hauled to the proper disposal to prevent further soil contamination.

Once the liner installation was completed, the excavation area was backfilled with clean material to grade. The area was then seeded with a State Land Office mixture to complete the site restoration activities. All of the excavated material was transported offsite for proper disposal. Approximately 300 yards of material were transported to the R360 facility in Hobbs, New Mexico. Copies of the waste manifests are included in Appendix D.

CONCLUSION

Based on the soil assessment data and remediation work performed at the site, ConocoPhillips requests a deferral for this release. The release extent was delineated horizontally and vertically, as detailed above, and does not cause an imminent risk to human health, the environment, or groundwater. Final remediation and reclamation shall take place in accordance with 19.15.29.12 and 19.15.29.13 NMAC once the Site is no longer being used for oil and gas operations.

Additionally, Tetra Tech will monitor the re-vegetation in 2020 to confirm that an established perennial grass life cycle covers approximately 70% of the backfilled area. If the area does not meet the State Land Office requirements, the backfill area will be reseeded accordingly and continued to be monitored. Documentation of the re-vegetation will be provided to the State Land Office.

An original closure report was submitted for this release via the NMOCD fee application portal on 10/21/2019. That report was rejected by Cristina Eads of the NMOCD on December 31, 2019.

ConocoPhillips

The closure was denied for the following reason according to Ms. Eads:

The area surrounding the subsurface pipeline, between sample points ESW-1 and AH4, needs to be fully delineated.

Ms. Eads noted that "Based on the information provided in this closure report, we will accept a deferral."

Thus, ConocoPhillips respectfully requests that NMOCD consider delaying further remediation activities at the Site. At time of pipeline abandonment, retrofit, or inactivity, remediation will be completed in addition to reclamation. Based on the above information, ConocoPhillips requests deferral for the remaining impacted area. The completed C-141 forms are enclosed in Appendix A.

If you have any questions or comments concerning the assessment or remediation activities for this site, please call me at (512) 338-2861.

Greg W. Pope, P.G.

Program Manager

Sincerely,

Tetra Tech, Inc.

Christian M. Llull, P.G.

Project Manager

Mr. Marvin Soriwei, RMR - ConocoPhillips

Mr. Charles Beauvais, GPBU - ConocoPhillips

ConocoPhillips

List of Attachments

Figures:

Figure 1 – Overview Map

Figure 2 – Site Location/Topographic Map

Figure 3 – Spill Assessment Map

Figure 4 – Excavation Areas and Depths Map

Tables:

Table 1 – Summary of Assessment Data

Table 2 – Summary of Analytical Results – Confirmation Sampling

Appendices:

Appendix A - C-141 Form

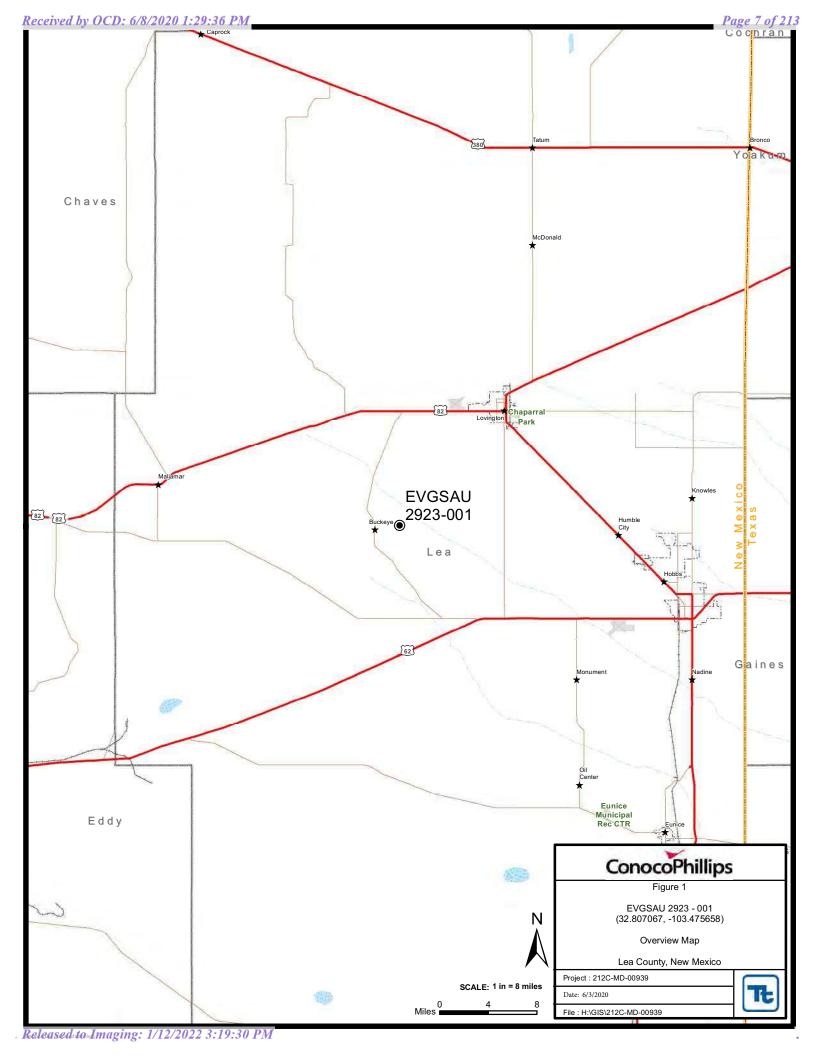
Appendix B – Site Characterization Data

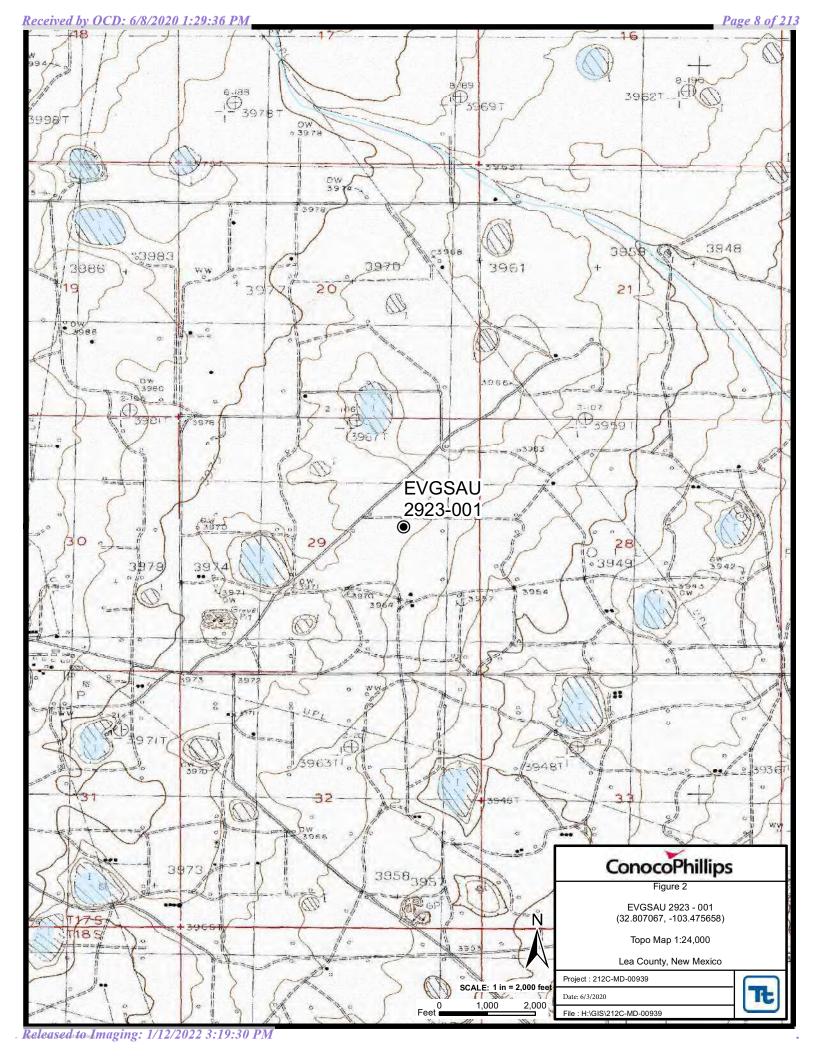
Appendix C – Laboratory Analytical Reports

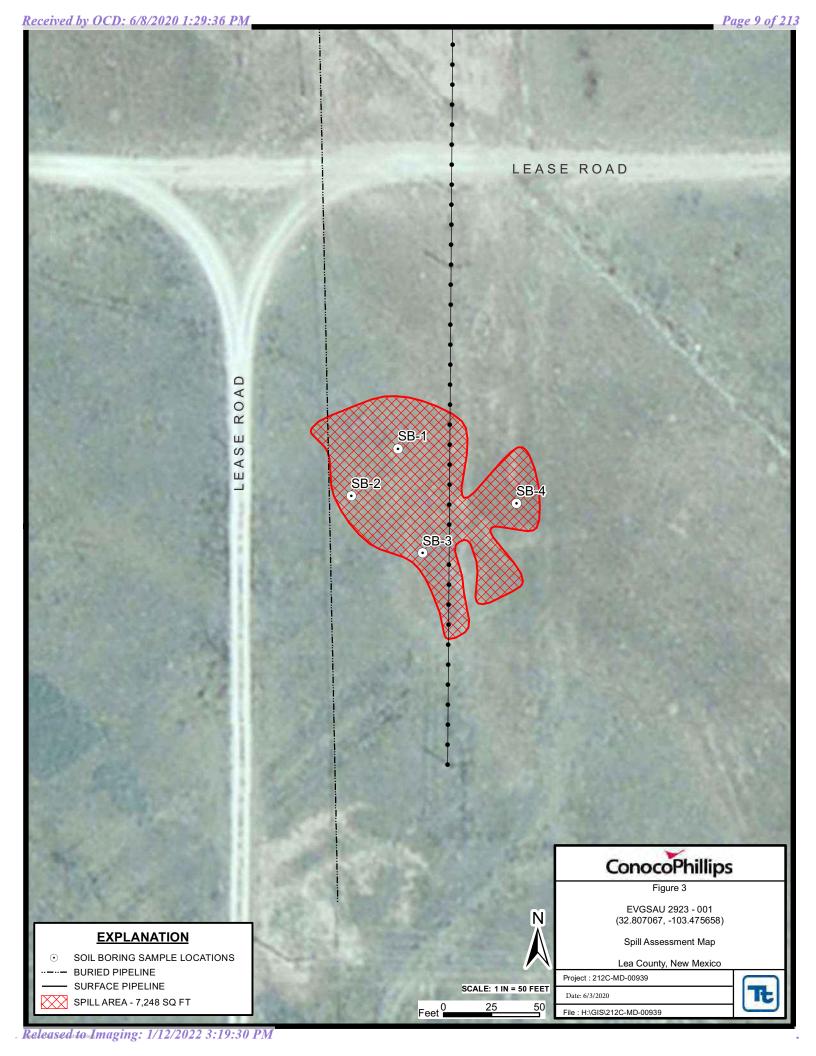
Appendix D – Waste Manifests

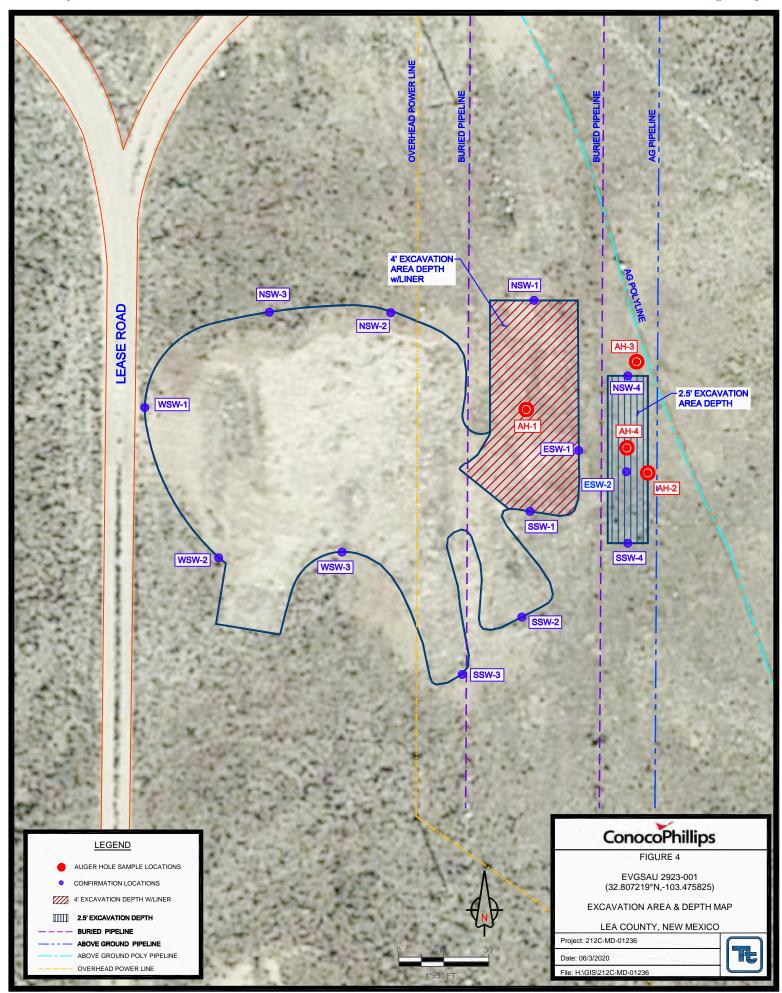
Appendix E – Photographic Documentation

FIGURES









TABLES

Table 1
ConocoPhillips
EVGSAU 2923-001 Flowline Release
Summary of Assessment Data
Lea County, New Mexico

			Cail	Status			TPH	Η				BTEX			
Sample ID	Sample Date	Sample Depth (ft)	In-situ	Removed	Field PID (PPM)	TPH GRO mg/kg	TPH DRO mg/kg	TPH ORO mg/kg	Total TPH mg/kg	Benzene (ug/kg)	Toluene (ug/kg)	Ethylbenzene (ug/kg)	Xylenes (ug/kg)	Total BTEX (ug/kg)	Chlorides (mg/kg)
SB-1 - Cuttings	08/07/17	0-1	Х		0.4	<11.8	<11.7	<11.7	<11.8	<5.9	<5.9	<5.9	<5.9	<5.9	232
Cuttings	"	2-3	Х		0.1	<11.2	<10.6	<10.6	<11.2	<5.5	<5.5	<5.5	<5.5	<5.5	196
Cuttings	II .	4-5	Х		0.1	-	-	-	-	-	-	-	-	-	<101
Cuttings	"	6-7	Х		0.1	-	-	-	-	-	-	-	-	-	<101
Cuttings	"	9-10	Х		0.1	<10.8	<10.7	<10.7	<10.8	<5.5	<5.5	<5.5	<5.5	<5.5	<109
SB-2 - Cuttings	08/07/17	0-1	Х		0.1	<10.4	<10.2	<10.2	<10.4	<5.2	<5.2	<5.2	<5.2	<5.2	123
Cuttings	"	2-3	Х		0.0	<11.2	<10.9	<10.9	<10.9	<5.7	<5.7	<5.7	<5.7	<5.7	<115
Cuttings	=	4-5	Х		0.0	•	-	ı	-		•	-	-	-	<99.0
Cuttings	"	6-7	Х		0.0	-	-		-	-		-	-	-	<100
Cuttings	"	9-10	Х		0.0	<10.6	<10.3	<10.3	<10.6	<5.4	<5.4	<5.4	<5.4	<5.4	<103
SB-3 - Cuttings	08/08/17	0-1	Х		0.4	<10.6	<10.6	<10.6	<10.6	<5.4	<5.4	<5.4	<5.4	<5.4	657
Cuttings	"	2-3	Х		0.0	<12.3	<12.1	<12.1	<12.3	<6.2	<6.2	<6.2	<6.2	<6.2	255
Cuttings	"	4-5	Х		0.0	-	-	-	-	-	-	-	-	-	<100
Cuttings	"	6-7	Х		0.0	-	-	-	-	-	-	-	-	-	<94.5
Cuttings	=	9-10	Х		0.0	•	-	ı	-		•	-	-	-	<98.2
Cuttings	"	14-15	Х		0.0	<11.7	<11.7	<11.7	<11.7	<5.9	<5.9	<5.9	<5.9	<5.9	<119
SB-4 - Cuttings	08/08/17	0-1	Х		0.3	-	-	-	-	-	-	-	-	-	2,870
Cuttings	II .	2-3	Х		79.6	-	<12.2	<12.2	<12.2	<6.3	<6.3	<6.3	<6.3	<6.3	2,320
Cuttings	=	4-5	Х		54.8	-	-	-	-	-	-	-	-	-	2,580
Cuttings	н	6-7	Х		56.3	-	-	-	-	-	-	-	-	-	1,400
Cuttings	"	9-10	Х		52.3	-	-	-	-	-	-	-	-	-	930
Cuttings	"	14-15	Х		48.0	-	-	-	-	-	-	-	-	-	358
Cuttings	"	19-20	Х		50.4	<12.5	<12.4	<12.4	<12.5	<6.2	<6.2	<6.2	<6.2	<6.2	253
Cuttings	"	24-25	Х		50.7	-	-	-	-	-	-	-	-	-	<97.8
Cuttings	II .	29-30	Х		32.2	<13.7	<13.6	<13.6	<13.6	<6.7	<6.7	<6.7	<6.7	<6.7	<133

(-) Not Analyzed
Proposed Excavation Depths
Liner Installation

Table 2 ConocoPhillips EVGSAU 2923-001 Flowline Release **Summary of Confirmation Sampling Data** Lea County, New Mexico

			0-7.0	v			TPI	1				BTEX			Chlorides	
0	Sample	Sample	Soil S	status												
Sample ID	Date	Depth (ft)	In Situ	Removed	PID (PPM)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	Chloride (PPM)	Chloride (mg/kg)
AH-1	6/13/2018	(0-2")		Х	•	0.025 J	< 1.8	0.492 J	0	< 0.000448	< 0.0014	< 0.000593	< 0.00535	0.00		3,940
AH-2	6/28/2018	(0-6")		Х	-	0.0667 J	2.6 J	5.88	6	< 0.000447	< 0.0014	< 0.000592	< 0.00534	0.00	520	158
AH-2	6/28/2018	(6"-1')		Х	-	0.0583 J	4 J	8.93	9	< 0.000444	< 0.00139	< 0.000588	< 0.0053	0.00	700	482
AH-3	6/28/2018	(0-6")		Х	-	0.0634 J	10.1	30.9	41	< 0.000444	< 0.00139	< 0.000588	< 0.00531	0.00	200	41
AH-3	6/28/2018	(6"-1')	Х		-	0.0583 J	4.00	8.93	13	0.000444	0.00139	0.000588	0.0053	0.01	236	482
AH-4	6/28/2018	(2'-3')	Х		-	1800	1650.00	8.93	3,459	0.000663 J	0.00138 J	< 0.000573	< 0.00517	0.00	520	317
AH-4	11/5/2018	(2'-3')	Х		-	0.109 J	3.26 J	7.42	7	< 0.000463	< 0.00145	< 0.000614	< 0.00553	0.00		141
NSW-1 (6')	6/13/2018	-		Х	-	0.0259 J	< 1.84	1.05 J	0	< 0.000458	< 0.00143	< 0.000607	< 0.00547	0.00		3830
NSW-1 (8')	6/14/2018	-		Х	-	< 0.025	3.1 J	7.99	8	< 0.000461	< 0.00144	< 0.000611	< 0.00551	0.00		2260
NSW-1 (15')	6/14/2018	-		Х	-	< 0.0255	< 1.89	2.97 J	0	< 0.000471	< 0.00147	< 0.000624	< 0.00562	0.00		2240
NSW-1 (25')	6/14/2018	-		Х	-	< 0.0234	3.2 J	8.92	9	< 0.000431	< 0.00135	< 0.000571	< 0.00515	0.00		1180
NSW-1 (25')	6/28/2018	-		Х	-	< 0.0221	4.94	4.13	9	0.000457 J	< 0.00127	< 0.000541	< 0.00488	0.00	1900	1910
NSW-1 (30')	6/28/2018	-		Х	-	< 0.0229	2.29 J	6.54	7	< 0.000423	< 0.00132	< 0.00056	< 0.00505	0.00	600	489
NSW-2 (4')	6/13/2018	-		Х	-	0.0362 J	4.16 J	9.77	10	< 0.000452	< 0.00141	< 0.000599	< 0.00541	0.00		754
NSW-2 (5')	06/27/18		Х		-	0.121	41.4	177	219	< 0.000447	< 0.0014	< 0.000592	< 0.00534	0.00	320	159
NSW-3	06/11/18	-		Х	-	0.0554 J	13.8	19.5	33	< 0.000415	< 0.0013	< 0.00055	< 0.00496	0.00		9580
NSW-3 (2')	06/13/18	-		Х		0.0775 J	3.16 J	6.21	6	< 0.000423	< 0.00132	< 0.00056	< 0.00505	0.00		8200
NSW-3 (5')	06/27/18	-	Х		-	0.134	9.81	24.2	34	< 0.000408	< 0.00127	< 0.00054	< 0.00487	0.00		132
NSW-4	06/28/18	-	Х		-	0.108 J	8.77	34.2	43	< 0.000444	< 0.00139	< 0.000588	< 0.0053	0.00		78.9
WSW-1	06/14/18	-		Х		< 0.0236	3.84 J	7.33	7	< 0.000436	< 0.00136	< 0.000577	< 0.0052	0.00		1430
WSW-1 (5')	06/27/18	-		Х		< 0.0879	6.79	13.7	20	< 0.000447	< 0.0014	< 0.000592	< 0.00534	0.00		2040
WSW-1 (6')	06/27/18	-	Х		-	0.0942 J	90.5	113	204	0.00056 J	0.0037 J	< 0.000543	< 0.00489	0.00	560	470
WSW-2	06/11/18	-		Х		< 0.028	17.8	15.3	33	< 0.000517	< 0.00162	< 0.000685	< 0.00618	0.00		1740
WSW-2 (3')	06/13/18	-	Х		-	0.0466 J	< 2.24	4.15 J	0	< 0.000557	< 0.00174	< 0.000737	< 0.00665	0.00		249
WSW-3 (4')	06/13/18	-	Х		-	< 0.0296	< 2.19	1.3	1	< 0.000545	< 0.0017	< 0.000722	< 0.00651	0.00		273
ESW-1	06/12/18	-		Х	-	0.0497 J	< 1.81	1.38 J	0	< 0.000449	< 0.0014	< 0.000595	< 0.00537	0.00		4600
ESW-1 (10')	06/14/18	-		Х		0.0323 J	2.81 J	5.05	5	< 0.000452	< 0.00141	< 0.0006	< 0.00541	0.00		1860
ESW-3	06/11/18	-	Х		-	< 0.0248	5.76	16.4	22	< 0.000458	< 0.00143	< 0.000607	< 0.00547	0.00		147
SSW-1 (4')	6/13/2018	-	Х		-	0.0285 J	< 1.81	2.25 J	0	< 0.00045	< 0.00141	< 0.000597	< 0.00538	0.00		468
SSW-2	6/11/2018	-	Х		-	< 0.0232	4.68	11.5	16	< 0.000427	< 0.00133	< 0.000566	< 0.0051	0.00		145
SSW-3	6/11/2018	-	Х		-	< 0.027	14.7 J3 J6	26.1	26	< 0.000497	< 0.00155	< 0.000658	< 0.00594	0.00		157
SSW-4	06/28/18	-	Х		-	0.108 J	8.77	34.2	43	< 0.000444	< 0.00139	< 0.000588	< 0.0053	0.00	360	78.9
NOTES.													1			

mg/kg TPH

ft PPM

Milligrams per kilogram

Feet Parts per million Total Petroleum Hydrocarbons Gasoline Range Organics

DRO Diesel Range Organics Oil Range Organics

ORO

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

В The same analyte is found in the associated blank.

The sample matrix interfered with the ability to make any accurate determination; spike value is low

APPENDIX A C-141 Forms

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

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action									
	OPERATOR Initial Report Final Report								
Name of Company: ConocoPhillips	Contact: Cullen								
Address: 29 Vacuum Complex Lane	Telephone No. 575-391-3133								
Facility Name: EVGSAU 2923-001	Facility Type: Flow line								
Surface Owner: State Mineral Owner	: N/A API No. 30-025-26577								
	ON OF RELEASE								
Unit Letter Section Township Range Feet from the Nort	h/South Line Feet from the East/West Line County Lea								
Latitude 32.8096695	Longitude -103.475914								
	E OF RELEASE								
Type of Release: Oil/Produced Water	Volume of Release: 21.03 Volume Recovered: 15 BBL								
Source of Release: Flow line	Date and Hour of Occurrence 1-17-2017 10:30 AM Date and Hour of Discovery 1-18-2017 10:30 AM								
Was Immediate Notice Given? ☐ Yes ☐ No ☐ Not Required	If YES, To Whom?								
By Whom? Cullen Rosine	Date and Hour: 1-19-2017 via phone/email								
Was a Watercourse Reached?	If YES, Volume Impacting the Watercourse.								
☐ Yes ⊠ No	RECEIVED								
If a Watercourse was Impacted, Describe Fully.*									
N/A	By Olivia Yu at 12:14 pm, Feb 09, 2017								
Describe Cause of Problem and Remedial Action Taken. On January 1 flow line. 1 BBL of oil and 20.03 BPW. 15 BBLs were recovered	8, 2017 at 1030 hours there was a total discharge of 21.03 BBLs from a d. Spill site will be remediated per NMOCD guidelines.								
Describe Area Affected and Cleanup Action Taken. * Area I – 130' X520' X 1" deep.									
regulations all operators are required to report and/or file certain release public health or the environment. The acceptance of a C-141 report by should their operations have failed to adequately investigate and remedi	the best of my knowledge and understand that pursuant to NMOCD rules and notifications and perform corrective actions for releases which may endanger the NMOCD marked as "Final Report" does not relieve the operator of liability ate contamination that pose a threat to ground water, surface water, human health does not relieve the operator of responsibility for compliance with any other								
	OIL CONSERVATION DIVISION								
Signature: Cullen Rosine	P 1 -								
Printed Name: Cullen Rosine	Approved by Environmental Specialist:								
Title: HSE Specialist	Approval Date: 2/9/2017 Expiration Date:								
E-mail Address: Cullen.J.Rosine@conocophillips.com	Conditions of Approval:								
	see attached Attached								
	directive								
Date: 01/19/2016 Phone: 575-391-3133									
Attach Additional Sheets If Necessary	1RP-4593 nOY1704044285								

pOY1704044501

Received by OCD: 6/8/2020 1:29:36 PM State of New Mexico
Page 5 Oil Conservation Division

tate of New Mexico

| Page 16 of 213 | Incident ID |

Incident ID		
District RP		
Facility ID		
Application ID		

Remediation Plan

Remediation Plan Checklist: Each of the following items must be incli	uded in the plan
Remediation I fair Checkist. Each of the following tiems must be incl	mueu in ine puin.
Detailed description of proposed remediation technique	
Scaled sitemap with GPS coordinates showing delineation points	
Estimated volume of material to be remediated	
Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)	A) NMAC
Proposed schedule for remediation (note if remediation plan timeline	
Troposed schedule for remediation (note if remediation plan unlenne	is more than 30 days OCD approvar is required)
<u>Deferral Requests Only</u> : Each of the following items must be confirmed	ed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around product deconstruction.	ion 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	environment, or groundwater.
I hereby certify that the information given above is true and complete to trules and regulations all operators are required to report and/or file certain which may endanger public health or the environment. The acceptance of liability should their operations have failed to adequately investigate and surface water, human health or the environment. In addition, OCD acceptance of the complete of th	release notifications and perform corrective actions for releases f a C-141 report by the OCD does not relieve the operator of remediate contamination that pose a threat to groundwater, tance of a C-141 report does not relieve the operator of
responsibility for compliance with any other federal, state, or local laws a	nd/or regulations.
Printed Name:	tle:
Timed Italie.	
Printed Name: Ti	te:
•	elephone:
email.	
OCD Only	
Received by: Dat	e:
☐ Approved ☐ Approved with Attached Conditions of Appro	oval
Signature: Jannifer Nobili Date:	01/12/2022

APPENDIX B Site Characterization Data

Water Well Data Average Depth to Groundwater (ft) Conoco Phillips - EVGSAU 2923-001 Lea County, New Mexico

	16 Sc	outh	34	East	
6	5	4	3	2	1
7 Arte	8 sia	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

	16 Sc	outh	35	East	
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

	16 Sc	outh	36	East		
6	5	4	3	2	1	
7	8	9 Lovi	10 ngton	11	12	
18	17	16	15	14	13	
54						
19	20	21	22 63	23 70	24	
	70	70	63	61	55	
30	29	28	27	26	25	
82 31				63	68	
31	32	33	34	35	36	
74	65			41	60	

	17 Sc	uth	34	East	
6 120	5	4	3	2 80	1
157	N	e ljama	95		77
7	8	9	10	11	12
140	140		95	92	115
18	17	16	15 114	14	13
160	113	60	60	79	84
19	20	21	22	23	24
78	140	153	109		
30	29	28	27	26	25
					82
31	32	33	34	35	36

	17 Sc	outh	35	East	
6	5	4	3	2	1
					50
7	8	9	10	11	12
18	17	16	15	14	13
40	55				
19	20	21	22	23	24
85	60				
30	29	28	27	26	25
83		70			
31	32	33	34	35	36
106		63	56	40	50

	17 Sc	outh	36	East	
6	5	4	3	2 60	1 83
50 7		65	60	69	74
7	8	9	10	11	12 44
			43		46
18	17	16	15	14	13
				48	
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

	18 Sc	uth	34	East	
6	5	4	3	2	1
130	105		87	102	107
7	8	9	10	11	12 115
83	148		148	110	92
18	17	16	15 114	14	13
125		108	110	103	96
19	20	21	22	23	24
105	125				
30	29	28	27	26	25
			112		117
31	32	33	34	35	36
				118	

	18 S	outn			35	East	
Bud <mark>keyê</mark>	5 69	4	58	3	62	2 55	1
						51	
7	8	9	72	10		11 59	12
85				49		48	
18	17 90	16		15		14	13
90	124	75				90	135
19 74	20 85	21		22		23	24
70	50			70			
30	29	28		27		26	25
	95			68		60	
31	32	33		34		35	36
	58	80				58	

		18	Sc	outh			36	Eas	st		
6		5	35	4	65	3		2	60	1	50
45											
7	65	8		9	85	10		11		12	
								38		40	
18		17		16		15		14		13	
25						53		55			
19		20		21		22		23		24	
		59		58		60		39		28	
30		29		28		27		26		25	
		55		45		55		55		62	
31		32		33		34		35		36	
						70					

- 88 New Mexico State Engineers Well Reports
- 105 USGS Well Reports
- 90 Geology and Groundwater Conditions in Southern Lea, County, NM (Report 6) Geology and Groundwater Resources of Eddy County, NM (Report 3)
- 34 NMOCD Groundwater Data
- 123 Tetra Tech installed temporary wells and field water level
- 143 NMOCD Groundwater map well location



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

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a

water right file.)

(R=POD has been replaced, O=orphaned,

C=the file is closed)

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

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Sub- Code basin	County	Q (Tws	Rna	x	Y			Water Column
L 01919 POD2	L					_		642410	3631507*	209	55	154
L 04829 S4	L	LE	2	3	29	17S	35E	642121	3630598*	200	90	110

Average Depth to Water:

72 feet

Minimum Depth: 55 feet

Maximum Depth: 90 feet

Record Count: 2

PLSS Search:

Section(s): 29

Township: 17S

Range: 35E

*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.

(In feet)



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,

closed)

C=the file is (quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

POD Number Code basin County 64 16 4 Sec Tws Rng X Y Well Water Color L 01694 POD1 L LE 4 4 2 2 22 178 35E 646220 3632554* 105 48 L 01919 POD2 L LE 1 1 2 29 178 35E 642410 3631507* 209 55 L 02101 L LE 3 3 09 178 35E 64361 3635044* 112 67 L 02341 L LE 1 4 2 2 03 178 35E 646040 3637535 80 48 80 48 L 02844 L LE 2 2 18 178 35E 641780 3634622* 100 40 L 02943 L LE 1 1 1 178 35E 64665 3636286* 128 75 L 03873 L LE 1 1 1 178 35E 640421 3629674* 230 88 L 03874 L LE 3 1 2 3 178 35E 640823 3629678* 229 90 L 03875 POD6 L LE 3 4 30 178 35E 640813 3630082* 147 L 03875 POD7 L LE 3 4 30 178 35E 640919 3630183* 140 104 L 03875 POD8 L LE 3 4 30 178 35E 640919 3630183* 140 104 L 03875 POD8 L LE 3 4 30 178 35E 640919 3630183*	water right inery	oloood	POD Sub-		^	0	^					,	Donath	Douth	Water
L 01919 POD2 L LE 1 1 2 29 17S 35E 642410 3631507 209 55 L 02101 L LE 1 4 2 03 17S 35E 643261 3635044 112 67 L 02341 L LE 1 4 2 03 17S 35E 646040 3637535 80 48 L 02834 L LE 2 2 18 17S 35E 641253 3634622 100 40 L 02943 L LE 4 1 1 20 17S 35E 641780 3632913 110 60 L 03059 L LE 1 1 1 1 1 17S 35E 646465 3636286 128 75 L 03873 L LE 3 1 2 31 17S 35E 640421 3629674 230 88 L 03874 L LE 3 1 2 31 17S 35E 640823 3629678 229 90 L LE 3 4 30 17S 35E 640919 3630183 140 104 L 03875 POD6 L LE 3 4 30 17S 35E 640919 3630183 140 104 L 03875 POD8 L LE 3 4 30 17S 35E 640919 3630183 140 104 L 03875 S2 R L LE 3 4 30 17S 35E 640919 3630183 120 96 L 03875 S3 R L LE 2 3 1 7S 35E 640919 3630183 120 95 L 03876 S4 L LE 3 4 30 17S 35E 640919 3630183 120 95 L 03876 S4 L LE 3 4 30 17S 35E 640919 3630183 120 95 L 03876 S4 L LE 3 4 30 17S 35E 640919 3630183 120 95 L 03876 S4 L LE 3 4 30 17S 35E 640919 3630183 120 95 L 03876 S4 L LE 3 4 30 17S 35E 640919 3630183 120 95 L 03876 S4 L LE 3 4 30 17S 35E 640919 3630183 120 95 L 03876 S4 L LE 3 4 2 30 17S 35E 640919 3630183 120 95 L 03876 S4 L LE 3 2 2 8 17S 35E 640919 3630183 120 95 L 03876 S4 L LE 3 1 3 3 1 17S 35E 640919 3630183 120 95 L 03876 S4 L LE 3 1 3 3 1 17S 35E 640919 3630183 120 95 L 04247 POD5 L LE 3 1 3 3 1 17S 35E 640091 3630183 120 95 L 04247 POD6 L LE 3 1 3 3 1 17S 35E 640094 362974 232 117 104247 POD6 L LE 3 1 3 3 1 17S 35E 640094 362974 232 117 104247 POD7 L LE 1 3 5 1 5 17S 35E 640094 362974 232 117 104247 POD7 L LE 1 1 2 5 17S 35E 640094 362974 232 117 104247 POD7 L LE 2 1 5 17S 35E 640094 362994 3629074 232 117 104247 POD7 L LE 2 1 5 17S 35E 640094 3630994 116 70 104247 POD7 L LE 2 1 5 17S 35E 640094 3630994 110 70	POD Number			County			-	Sec	Tws	Rng	х	Υ			
L 02101 L LE 3 3 09 17S 35E 643261 3635044* 112 67 L 02341 L LE 1 4 2 03 17S 35E 646040 3637535 80 48 L 02843 L LE 4 1 1 17S 35E 641253 3634622* 100 40 L 03059 L LE 1 1 1 17S 35E 64665 363286* 128 75 L 03873 L LE 3 1 2 1 11 17S 35E 64065 363286* 128 75 L 03875 L LE 3 1 2 11 17S 35E 640813 363082* 229 90 2 L 03875 POD6 L LE 3 4 30 17S 35E	L 01694 POD1		L	LE	4	4	2	22	17S	35E	646220	3632554*	105	48	57
L 02341 L LE 1 4 2 03 17S 35E 646040 3637535	L 01919 POD2		L	LE	1	1	2	29	17S	35E	642410	3631507*	209	55	154
L 02834 L LE 2 2 18 17S 35E 641253 3634622* ● 100 40 L 02943 L LE 4 1 1 20 17S 35E 641780 3632913* ● 110 60 L 03059 L LE 1 1 11 17S 35E 646465 3636286* ● 128 75 L 03873 L LE 3 2 1 31 17S 35E 640421 3629674* ● 230 88 L 03875 L LE 3 4 30 17S 35E 640818 3630082* ● 147 L 03875 POD6 L LE 3 4 30 17S 35E 640919 3630183* ● 140 104 L 03875 POD7 L LE 3 4 30 17S 35E 640919 3630183* ● 140 104 L 03875 POD8 L LE	<u>L 02101</u>		L	LE		3	3	09	17S	35E	643261	3635044*	112	67	45
L 0.2943 L LE 4 1 1 20 178 35E 641780 3632913* □ 110 60 L 0.3059 L LE 1 1 11 178 35E 646465 3636286* □ 128 75 L 0.3873 L LE 3 2 1 31 178 35E 640421 3629674* □ 230 88 L 0.3874 L LE 3 1 2 31 178 35E 640823 3629678* □ 229 90 L 0.3875 L LE 3 4 30 178 35E 640818 3630082* □ 147 L 0.3875 POD6 L LE 3 4 30 178 35E 640919 3630183* □ 140 104 L 0.3875 POD7 L LE 3 4 30 178 35E 640919 3630183* □ 140 104 L 0.3875 R L	<u>L 02341</u>		L	LE	1	4	2	03	17S	35E	646040	3637535 🎒	80	48	32
L 03059 L LE 1 1 1 11 17S 35E 646465 3636286* 128 75 L 03873 L LE 3 2 1 31 17S 35E 640421 3629674* 230 88 L 03874 L LE 3 1 2 31 17S 35E 640823 3629678* 229 90 L 03875 L LE 3 3 4 30 17S 35E 640818 3630082* 147 L 03875 POD6 L LE 3 4 30 17S 35E 640919 3630183* 140 104 L 03875 POD7 L LE 3 4 30 17S 35E 640919 3630183* 140 104 L 03875 POD8 L LE 3 4 30 17S 35E 640919 3630183* 140 104 L 03875 S R L LE 3 4 30 17S 35E 640919 3630183* 140 104 L 03875 S R L LE 3 4 30 17S 35E 640919 3630183* 120 96 L 03875 S2 R L LE 2 31 17S 35E 640919 3630183* 120 95 L 03875 S3 R L LE 2 31 17S 35E 640919 3630183* 120 95 L 03875 S4 L LE 3 3 4 30 17S 35E 640919 3630183* 120 95 L 03876 L 03876 L LE 3 3 4 30 17S 35E 640919 3630183* 120 95 L 03876 L LE 3 3 4 30 17S 35E 641131 3629576* 120 95 L 03876 L LE 3 3 4 30 17S 35E 641131 3629576* 120 95 L 03876 S4 L LE 3 2 2 2 8 17S 35E 640818 3630082* 141 L 03992 L LE 3 2 2 2 8 17S 35E 640818 3630082* 141 L 03992 L LE 3 2 2 2 8 17S 35E 640040 3628761 225 65 L 04066 L LE 3 1 3 31 17S 35E 640040 3628781 235 95 L 04247 POD5 L LE 3 1 3 31 17S 35E 640040 3628781 235 95 L 04247 POD6 L LE 2 1 3 3 1 17S 35E 640054 3628747 240 L 04287 L LE 1 3 3 3 11 17S 35E 640054 3628747 240 L 04287 L LE 1 3 3 3 11 17S 35E 64059 3631469* 105 80 L 04490 L LE 4 2 30 17S 35E 641309 3630994* 110 70	<u>L 02834</u>		L	LE		2	2	18	17S	35E	641253	3634622*	100	40	60
L 03873 L LE 3 2 1 31 17S 35E 640421 3629674* 230 88 L 03874 L LE 3 1 2 31 17S 35E 640823 3629678* 229 90 L 03875 L LE 3 3 4 30 17S 35E 640818 3630082* 147 L 03875 POD6 L LE 3 4 30 17S 35E 640919 3630183* 140 104 L 03875 POD7 L LE 3 4 30 17S 35E 640919 3630183* 140 104 L 03875 POD8 L LE 3 4 30 17S 35E 640919 3630183* 140 104 L 03875 S R L LE 3 4 30 17S 35E 640919 3630183* 120 96 L 03875 S2 R L LE 2 3 1 17S 35E 640919 3630183* 120 96 L 03875 S3 R L LE 2 3 1 17S 35E 640919 3630183* 120 95 L 03876 S4 L LE 2 3 1 17S 35E 641131 3629576* 120 95 L 03876 L LE 3 2 2 2 8 17S 35E 640818 3630082* 141 L 03992 L LE 3 3 4 30 17S 35E 640818 3630082* 141 L 04066 L LE 3 1 3 31 17S 35E 640040 3630994* 116 70 L 04247 POD6 L LE 2 1 3 31 17S 35E 640040 3628781 235 95 L 04247 POD6 L LE 1 3 3 3 117S 35E 640054 362974 232 117 L 04247 POD7 L LE 1 3 3 3 117S 35E 640054 362874 240 L 04247 POD7 L LE 1 3 3 3 117S 35E 641309 3631469* 105 80 L	<u>L 02943</u>		L	LE	4	1	1	20	17S	35E	641780	3632913* 🌑	110	60	50
L 03874 L LE 3 1 2 31 17S 35E 640823 3629678* □ 229 90 L 03875 L LE 3 3 3 4 30 17S 35E 640818 3630082* □ 147 L 03875 POD6 L LE 3 4 30 17S 35E 640919 3630183* □ 140 104 L 03875 POD7 L LE 3 4 30 17S 35E 640919 3630183* □ 140 104 L 03875 POD8 L LE 3 4 30 17S 35E 640919 3630183* □ 140 104 L 03875 S R L LE 3 4 30 17S 35E 640919 3630183* □ 120 96 L 03875 S2 R L LE 3 4 30 17S 35E 640919 3630183* □ 120 95 L 03875 S3 R L LE 3 4 30 17S 35E 640919 3630183* □ 120 95 L 03876 S4 L LE 3 3 4 30 17S 35E 640919 3630183* □ 120 95 L 03876 L LE 3 3 3 4 30 17S 35E 640818 3630082* □ 141 L 03892 L LE 3 3 2 2 28 17S 35E 640818 3630082* □ 141 L 03992 L LE 3 3 2 2 28 17S 35E 640818 3630994* □ 116 70 L 04247 POD6 L LE 3 1 3 31 17S 35E 640040 3628781 □ 235 95 L 04247 POD6 L LE 2 1 3 3 1 17S 35E 640099 3629074 □ 232 117 L 04247 POD7 L LE 1 2 1 3 3 1 17S 35E 64059 3631469* □ 105 80 L 04287 L LE 2 1 25 17S 35E 641309 3630994* □ 110 70	L 03059		L	LE		1	1	11	17S	35E	646465	3636286*	128	75	53
L 03875 L LE 3 3 4 30 17S 35E 640818 3630082* 147 L 03875 POD6 L LE 3 4 30 17S 35E 640919 3630183* 140 104 L 03875 POD7 L LE 3 4 30 17S 35E 640919 3630183* 140 104 L 03875 POD8 L LE 3 4 30 17S 35E 640919 3630183* 140 104 L 03875 S R L LE 3 4 30 17S 35E 640919 3630183* 120 96 L 03875 S2 R L LE 2 3 1 17S 35E 640919 3630183* 120 95 L 03875 S3 R L LE 3 4 30 17S 35E 640919 3630183* 120 95 L 03876 S4 L LE 2 3 1 17S 35E 640919 3630183* 120 95 L 03876 L LE 3 2 2 28 17S 35E 640818 3630082* 141 L 03992 L LE 3 2 2 2 8 17S 35E 644426 3631327* 125 65 L 04066 L LE 4 2 30 17S 35E 640040 3628781 235 95 L 04247 POD5 L LE 3 1 3 31 17S 35E 640040 3628781 235 95 L 04247 POD6 L LE 2 1 3 3 31 17S 35E 640054 3628747 240 L 04287 L LE 2 1 25 17S 35E 641309 3630994* 105 80	L 03873		L	LE	3	2	1	31	17S	35E	640421	3629674*	230	88	142
L 03875 POD6 L LE 3 4 30 17S 35E 640919 3630183* □ 140 104 L 03875 POD7 L LE 3 4 30 17S 35E 640919 3630183* □ 140 104 L 03875 POD8 L LE 3 4 30 17S 35E 640919 3630183* □ 140 104 L 03875 S R L LE 3 4 30 17S 35E 640919 3630183* □ 120 96 L 03875 S2 R L LE 2 31 17S 35E 641131 3629576* □ 120 95 L 03875 S3 R L LE 2 31 17S 35E 640919 3630183* □ 120 95 L 03876 S4 L LE 2 3 1 17S 35E 641131 3629576* □ 120 L 03876 L LE 3 2 2 2 8 17S 35E 640818 3630082* □ 141 L 03992 L LE 3 2 2 2 8 17S 35E 641309 3630994* □ 116 70 L 04247 POD6 L LE 3 1 3 31 17S 35E 640040 3628781 □ 235 95 L 04247 POD6 L LE 3 3 3 31 17S 35E 640054 3628747 □ 240 L 04287 L LE 1 2 1 2 1 25 17S 35E 648559 3631469* □ 105 80 L 04287 L LE 4 2 3 0 17S 35E 641309 3630994* □ 110 70	<u>L 03874</u>		L	LE	3	1	2	31	17S	35E	640823	3629678*	229	90	139
L 03875 POD7 L LE 3 4 30 17S 35E 640919 3630183*	<u>L 03875</u>		L	LE	3	3	4	30	17S	35E	640818	3630082*	147		
L 03875 POD8 L LE 3 4 30 17S 35E 640919 3630183* 140 104 L 03875 S R L LE 3 4 30 17S 35E 640919 3630183* 120 96 L 03875 S2 R L LE 2 31 17S 35E 641131 3629576* 120 95 L 03875 S3 R L LE 3 4 30 17S 35E 640919 3630183* 120 95 L 03876 S4 L LE 2 31 17S 35E 641131 3629576* 120 95 L 03876 L LE 3 3 4 30 17S 35E 640818 3630082* 141 L 03992 L LE 3 2 2 28 17S 35E 641309 3630994* 116 70 L 04066 L LE 4 2 30 17S 35E 640040 3628781 235 95 L 04247 POD5 L LE 3 1 3 31 17S 35E 640099 3629074 232 117 L 04247 POD6 L LE 1 3 31 17S 35E 640054 3628747 240 L 04287 L LE 2 1 25 17S 35E 641309 3630994* 105 80 L 04287 L LE 2 1 25 17S 35E 641309 3630994* 105 80	L 03875 POD6		Ш	LE		3	4	30	17S	35E	640919	3630183* 🎒	140	104	36
L 03875 S R L LE 3 4 30 17S 35E 640919 3630183*	L 03875 POD7		Ш	LE		3	4	30	17S	35E	640919	3630183*	140	104	36
L 03875 S2 R L LE 2 31 17S 35E 641131 3629576* 120 95 L 03875 S3 R L LE 3 4 30 17S 35E 640919 3630183* 120 95 L 03876 S4 L LE 2 31 17S 35E 641131 3629576* 120 L 03876 L LE 3 3 4 30 17S 35E 640818 3630082* 141 L 03992 L LE 3 2 2 28 17S 35E 64426 3631327* 125 65 L 04066 L LE 4 2 30 17S 35E 641309 3630994* 116 70 L 04247 POD5 L LE 3 1 3 31 17S 35E 640040 3628781 235 95 L 04247 POD6 L LE 2 1 3 31 17S 35E 640054 3628747 232 117 L 04287 L LE 2 1 25 17S 35E 648559 3631469* 105 80 L 04490 L LE 4 2 30 17S 35E 641309 3630994* 110 70	L 03875 POD8		L	LE		3	4	30	17S	35E	640919	3630183*	140	104	36
L 03875 S3 R L LE 3 4 30 17S 35E 640919 3630183* 120 95 L 03875 S4 L LE 2 31 17S 35E 641131 3629576* 120 L 03876 L LE 3 3 4 30 17S 35E 640818 3630082* 141 L 03992 L LE 3 2 2 28 17S 35E 641309 3630994* 116 70 L 04066 L LE 4 2 30 17S 35E 640040 3628781 235 95 L 04247 POD5 L LE 3 1 3 31 17S 35E 640040 3628781 235 95 L 04247 POD6 L LE 2 1 3 31 17S 35E 640054 3628747 232 117 L 04287 L LE 2 1 25 17S 35E 64054 3631469* 105 80 L 04490 L LE 4 2 30 17S 35E 641309 3630994* 110 70	L 03875 S	R	L	LE		3	4	30	17S	35E	640919	3630183*	120	96	24
L 03875 S4 L LE 2 31 17S 35E 641131 3629576*	L 03875 S2	R	L	LE			2	31	17S	35E	641131	3629576*	120	95	25
L 03876 L LE 3 3 4 30 17S 35E 640818 3630082* ● 141 L 03992 L LE 3 2 2 28 17S 35E 644426 3631327* ● 125 65 L 04066 L LE 4 2 30 17S 35E 641309 3630994* ● 116 70 L 04247 POD5 L LE 3 1 3 31 17S 35E 640040 3628781 ● 235 95 L 04247 POD6 L LE 2 1 3 31 17S 35E 640299 3629074 ● 232 117 L 04247 POD7 L LE 1 3 3 3 31 17S 35E 640054 3628747 ● 240 L 04287 L LE 2 1 25 17S 35E 648559 3631469* ● 105 80 L 04490 L LE 4 2 30 17S 35E 641309 3630994* ● 110 70	L 03875 S3	R	L	LE		3	4	30	17S	35E	640919	3630183*	120	95	25
L 03992 L LE 3 2 2 28 17S 35E 644426 3631327*	L 03875 S4		L	LE			2	31	17S	35E	641131	3629576*	120		
L 04066 L LE 4 2 30 17S 35E 641309 3630994* 116 70 L 04247 POD5 L LE 3 1 3 31 17S 35E 640040 3628781 235 95 L 04247 POD6 L LE 2 1 3 31 17S 35E 640299 3629074 232 117 L 04247 POD7 L LE 1 3 3 31 17S 35E 640054 3628747 240 L 04287 L LE 2 1 25 17S 35E 648559 3631469* 105 80 L 04490 L LE 4 2 30 17S 35E 641309 3630994* 110 70	L 03876		L	LE	3	3	4	30	17S	35E	640818	3630082*	141		
L 04247 POD5 L LE 3 1 3 31 17S 35E 640040 3628781	L 03992		L	LE	3	2	2	28	17S	35E	644426	3631327*	125	65	60
L 04247 POD6 L LE 2 1 3 31 17S 35E 640299 3629074 232 117 L 04247 POD7 L LE 1 3 3 3 31 17S 35E 640054 3628747 240 L 04287 L LE 2 1 25 17S 35E 648559 3631469* 105 80 L 04490 L LE 4 2 30 17S 35E 641309 3630994* 110 70	<u>L 04066</u>		L	LE		4	2	30	17S	35E	641309	3630994*	116	70	46
L 04247 POD7 L LE 1 3 3 3 31 17S 35E 640054 3628747 240 L 04287 L LE 2 1 25 17S 35E 648559 3631469* 105 80 L 04490 L LE 4 2 30 17S 35E 641309 3630994* 110 70	L 04247 POD5		L	LE	3	1	3	31	17S	35E	640040	3628781 🌍	235	95	140
L 04287 L LE 2 1 25 17S 35E 648559 3631469* 105 80 L 04490 L LE 4 2 30 17S 35E 641309 3630994* 110 70	L 04247 POD6		L	LE	2	1	3	31	17S	35E	640299	3629074 🎒	232	117	115
L LE 4 2 30 17S 35E 641309 3630994* 110 70	L 04247 POD7		L	LE	1	3	3	31	17S	35E	640054	3628747 🎒		240	
	L 04287		L	LE		2	1	25	17S	35E	648559	3631469*	105	80	25
	<u>L 04490</u>		L	LE		4	2	30	17S	35E	641309	3630994*	110	70	40
L LE 2 24 17S 35E 649145 3632884* 90 43	L 04503		L	LE			2	24	17S	35E	649145	3632884*	90	43	47

*UTM location was derived from PLSS - see Help

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

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

closed)

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

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

water right file.)	closed)	(quar	ters	s ai	re s	small	est to	largest)	(NAD83	UIM in meters)	(In feet)		:)
	POD Sub-		0	Q	0						Donth	Donth	Water
POD Number	Code basin C	County					Tws	Rng	х	Υ			Column
L 04553	L	LE	1	1	3	36	17S	35E	648093	3629147*	110	60	50
L 04578	L	LE				33	17S	35E	643962	3629198*	126	60	66
L 04586	L	LE	3	3	4	33	17S	35E	644065	3628502*	125	50	75
<u>L 04603</u>	L	LE		3	1	36	17S	35E	648188	3629450*	120	40	80
L 04618	L	LE		3	3	34	17S	35E	644973	3628611*	128	55	73
L 04632	L	LE		3	2	35	17S	35E	647382	3629443*	130	40	90
L 04633	L	LE		2	4	33	17S	35E	644564	3629010*	130	65	65
L 04710	L	LE				36	17S	35E	648803	3629248*	121	50	71
L 04727	L	LE				34	17S	35E	645576	3629214*	120	45	75
L 04775	L	LE		4	1	34	17S	35E	645365	3629421*	133	68	65
<u>L 04793</u>	L	LE				34	17S	35E	645576	3629214*	150	50	100
L 04829	L	LE		1	4	20	17S	35E	642499	3632215*	192	60	132
L 04829 POD7	L	LE	3	3	3	19	17S	35E	640012	3631688*	210	70	140
L 04829 S	L	LE		3	4	32	175	35E	642554	3628586*	198	85	113
L 04829 S2	L	LE		4	3	27	17S	35E	645352	3630227*	220	90	130
L 04829 S3	L	LE	1	3	1	28	17S	35E	643222	3631111*	215	70	145
L 04829 S4	L	LE		2	3	29	17S	35E	642121	3630598*	200	90	110
L 04829 S5	L	LE		3	1	33	17S	35E	643347	3629400*	220	90	130
L 04859	L	LE	4	4	4	27	17S	35E	646258	3630135*	145	85	60
<u>L 04875</u>	L	LE	1	1	2	25	17S	35E	648863	3631572*	130	71	59
<u>L 04880</u>	L	LE		2	3	33	17S	35E	643757	3629002*	145	90	55
L 04881	L	LE					17S		646556	3630644*	137	50	87
L 04951	L	LE	2	2	2	26	17S	35E	647851	3631560*	137	50	87
L 05207	L	LE				27	17S	35E	645552	3630825*	140	60	80
L 05249 X2	L	LE	4	1	3	24	17S	35E	648242	3632170*	105	85	20
L 05362	L	LE	3	4	4	28	17S	35E	644444	3630117*	140	80	60
L 05381	L	LE	3	3	3	23	17S	35E	646436	3631752*	95	45	50
L 05392	L	LE		1	3	30	17S	35E	640132	3630579*	145	80	65
L 05394	L	LE	3	2	4	35	17S	35E	647690	3628943*	120	62	58

*UTM location was derived from PLSS - see Help

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is

closed)

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

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

water right file.)	closed	1)	(qua	ner	s a	re s	smai	lest to	largest)	(NAD83	3 UTM in meters)	(In feet)		
		POD Sub-				Q			_					Water
POD Number L 05394 S	Code	basın	County LE					17S		X 648093	Y 3628947*	130	Water 55	Column 75
		_												
L 05439		L	LE	2	3	3	19	17S	35E	640212	3631888*	135	85	50
L 05514		L	LE		2	2	12	17S	35E	649291	3636316*	124	80	44
L 05744		L	LE	3	3	2	30	17S	35E	640806	3630889*	122	75	47
L 05834	R		LE	2	2	4	33	17S	35E	644663	3629109*	160	70	90
L 05834 POD5		L	LE	2	2	4	33	17S	35E	644663	3629109*	234	65	169
L 05834 POD6		L	LE	1	1	4	34	17S	35E	645673	3629122* 🌑	234	65	169
L 05834 POD7		L	LE	1	1	3	35	17S	35E	646481	3629131*	220	64	156
L 05834 POD8		L	LE	4	1	4	36	17S	35E	649102	3628955*	214	62	152
L 05850		L	LE	2	2	2	19	17S	35E	641377	3633109*	230		
L 06357		Ц	LE	1	1	1	06	17S	35E	639916	3637933*	220	80	140
<u>L 06357 S</u>		L	LE		1	1	30	17S	35E	640119	3631386*	163	85	78
L 06357 S2		L	LE	3	1	1	30	17S	35E	640018	3631285*	230	130	100
<u>L 06878</u>		L	LE		1	1	07	17S	35E	640045	3636225*	125	60	65
<u>L 06940</u>		L	LE	1	4	3	20	17S	35E	642001	3631907*	135	85	50
L 07012		L	LE	2	3	3	80	17S	35E	641749	3635127*	135	75	60
L 07024		L	LE	2	2	2	20	17S	35E	642988	3633124*	130	80	50
<u>L 07380</u>		L	LE	4	4	1	06	17S	35E	640416	3636630 🎒	152	80	72
<u>L 07481</u>		L	LE		3	3	30	17S	35E	640138	3630176*	145	105	40
<u>L 07481 S</u>		L	LE		3	3	30	17S	35E	640138	3630176*	200	80	120
L 07481 S	R	L	LE		3	3	30	17S	35E	640138	3630176*	200	80	120
L 07831		L	LE	4	1	1	03	17S	35E	644930	3637777* 🌍	161	75	86
L 09901		L	LE		4	3	23	17S	35E	646940	3631857*	120		
L 09953		L	LE	3	2	4	01	17S	35E	649177	3637021*	150	50	100
L 09998		L	LE		2	4	16	17S	35E	644489	3633847*	160	90	70
L 10062		L	LE		2	4	22	17S	35E	646127	3632252*	142	50	92
L 10067 POD1		L	LE			3	17	17S	35E	642088	3633892	175	55	120
L 10297		L	LE		1	1	34	17S	35E	644955	3629819*	150	42	108
L 10404		L	LE	4	4	4	34	17S	35E	646283	3628523*	115	115	0

*UTM location was derived from PLSS - see Help

(In feet)

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a (R=POD has been replaced, O=orphaned,

& no longer serves a C=the file is water right file.) Closed)

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

(quarters are smallest to largest) (NAD83 UTM in meters)

POD Number	POD Sub- Code basin	County		Q (-	: Tws	Rng	х	Y	-		Water Column
L 13291 POD1	Ц	LE	2	4 3	07	17S	35E	640512	3635098 🎒	210	86	124
L 13479 POD1	L	LE	2	2 1	34	17S	35E	645495	3630015 🎒	80	70	10
L 13479 POD2	L	LE	2	2 1	34	17S	35E	645480	3629941 🎒	80	70	10
L 13479 POD3	L	LE	4	4 3	27	17S	35E	645448	3630066 🌍	76	70	6
L 13804 POD1	L	LE	2	2 1	31	17S	35E	640572	3629790 🎒	157	115	42
L 13804 POD2	L	LE	2	2 1	31	17S	35E	640532	3629826 🌍	130	115	15
L 14183 POD1	L	LE	3	2 2	31	17S	35E	641266	3629667 🎒	229	106	123
L 14183 POD2	L	LE	3	2 2	31	17S	35E	641304	3629691 🌑	227	105	122
L 14183 POD3	L	LE	3	2 2	31	17S	35E	641213	3629731 🎒	227	104	123

Average Depth to Water: 76 feet

Minimum Depth: 40 feet

Maximum Depth: 240 feet

Record Count: 93

PLSS Search:

Township: 17S Range: 35E

10/10/17 2:53 PM

APPENDIX C Laboratory Analytical Reports



ANALYTICAL REPORT

myESC

REAL TIME DATA ACCESS

9 subsidiory of Parameters

ConocoPhillips - Tetra Tech

Sample Delivery Group: L1002317

Samples Received: 06/16/2018

Project Number: 212C-MD-01236

Description: COP-2923-001 Excavation

Report To: Kayla Taylor

4001 N. Big Spring St., Ste. 401

Midland, TX 79705

Entire Report Reviewed By:

Chris McCord

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 approved of the laboratory. Where applicable, sampling conducted by ISC is performed per guidance provided in laboratory standard operating procedures: 05/300, 06/3003, and 06/0304.

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NSW-3 (2') L1002317-07	14
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Al: Accreditations & Locations

Sc: Sample Chain of Custody

35

36

SAMPLE SUMMARY

			Collected by	Collected date/time	Received date/time
WSW-2 L1002317-01 Solid			Kayla Taylor	06/11/18 15:00	06/16/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1126908	1	06/21/18 14:52	06/21/18 15:06	JD
Wet Chemistry by Method 300.0	WG1125818	5	06/18/18 11:33	06/19/18 23:03	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1127045	1	06/11/18 15:00	06/20/18 12:21	JHH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126837	1	06/11/18 15:00	06/19/18 22:23	JHH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1127295	1	06/21/18 13:51	06/22/18 02:24	DMW
			Collected by	Collected date/time	Received date/time
SSW-3 L1002317-02 Solid			Kayla Taylor	06/11/18 13:25	06/16/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
Tabal Calida ha Madhad 2540 C 2044	WC412C000		date/time	date/time	ID.
Total Solids by Method 2540 G-2011	WG1126908	1	06/21/18 14:52	06/21/18 15:06	JD
Wet Chemistry by Method 300.0	WG1125818	1	06/18/18 11:33	06/19/18 23:13	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1127045	1	06/11/18 13:25	06/20/18 12:44	JHH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126837	1	06/11/18 13:25	06/19/18 22:41	JHH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1127295	1	06/21/18 13:51	06/22/18 06:14	DMW
			Collected by	Collected date/time	Received date/time
ESW-3 L1002317-03 Solid			Kayla Taylor	06/11/18 13:45	06/16/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1126908	1	06/21/18 14:52	06/21/18 15:06	JD
Wet Chemistry by Method 300.0	WG1125818	1	06/18/18 11:33	06/19/18 23:22	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1127045	1	06/11/18 13:45	06/20/18 13:06	JHH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126837	1	06/11/18 13:45	06/19/18 23:01	JHH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1127295	1	06/21/18 13:51	06/22/18 02:38	DMW
			Collected by	Collected date/time	Received date/time
SSW-2 L1002317-04 Solid			Kayla Taylor	06/11/18 14:10	06/16/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1126908	1	06/21/18 14:52	06/21/18 15:06	JD
Wet Chemistry by Method 300.0	WG1125818	1	06/18/18 11:33	06/19/18 23:32	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1127045	1	06/11/18 14:10	06/20/18 13:28	JHH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126837	1	06/11/18 14:10	06/19/18 23:20	JHH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1127295	1	06/21/18 13:51	06/22/18 02:51	DMW
			Collected by	Collected date/time	Received date/time
NSW-3 L1002317-05 Solid			Kayla Taylor	06/11/18 15:20	06/16/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1126908	1	06/21/18 14:52	06/21/18 15:06	JD
Wet Chemistry by Method 300.0	WG1125818	50	06/18/18 11:33	06/19/18 23:41	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1127203	1	06/11/18 15:20	06/20/18 16:31	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126837	1	06/11/18 15:20	06/19/18 23:39	JHH
Comi Valetile Organia Companyada (CC) hu Mathad CCAF	WC442720E	1	00/04/40 40-54	00/22/40 02:05	DAMA





















Semi-Volatile Organic Compounds (GC) by Method 8015

WG1127295

06/21/18 13:51

06/22/18 03:05

DMW

SAMPLE SUMMARY

WSW-2 (3') L1002317-06 Solid			Collected by Kayla Taylor	Collected date/time 06/13/18 13:20	Received date/time 06/16/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1126908	1	06/21/18 14:52	06/21/18 15:06	JD
Wet Chemistry by Method 300.0	WG1125818	1	06/18/18 11:33	06/20/18 00:00	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1127203	1	06/13/18 13:20	06/20/18 16:53	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126837	1	06/13/18 13:20	06/19/18 23:58	JHH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1127295	1	06/21/18 13:51	06/22/18 03:18	DMW
			Collected by	Collected date/time	Received date/time
NSW-3 (2') L1002317-07 Solid			Kayla Taylor	06/13/18 11:40	06/16/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1126908	1	06/21/18 14:52	06/21/18 15:06	JD
Wet Chemistry by Method 300.0	WG1125818	50	06/18/18 11:33	06/20/18 00:29	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1127203	1	06/13/18 11:40	06/20/18 17:15	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126837	1	06/13/18 11:40	06/20/18 00:17	JHH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1127295	1	06/21/18 13:51	06/22/18 03:32	DMW
			Collected by	Collected date/time	Received date/time
SSW-1 (4') L1002317-08 Solid			Kayla Taylor	06/13/18 14:50	06/16/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1126908	1	06/21/18 14:52	06/21/18 15:06	JD
Wet Chemistry by Method 300.0	WG1125818	1	06/18/18 11:33	06/20/18 00:39	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1127203	1	06/13/18 14:50	06/20/18 17:36	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126837	1	06/13/18 14:50	06/20/18 00:36	JHH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1127295	1	06/21/18 13:51	06/22/18 03:46	DMW
			Collected by	Collected date/time	Received date/time
NSW-2 (4') L1002317-09 Solid			Kayla Taylor	06/13/18 12:45	06/16/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1126909	1	06/21/18 14:37	06/21/18 14:50	JD
Wet Chemistry by Method 300.0	WG1125818	1	06/18/18 11:33	06/20/18 00:48	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1127203	1	06/13/18 12:45	06/20/18 17:58	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126837	1	06/13/18 12:45	06/20/18 00:55	JHH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1127295	1	06/21/18 13:51	06/22/18 03:59	DMW
			Collected by	Collected date/time	Received date/time
NSW-1 (6') L1002317-10 Solid			Kayla Taylor	06/13/18 15:30	06/16/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1126909	1	06/21/18 14:37	06/21/18 14:50	JD
Wet Chemistry by Method 300.0	WG1125818	10	06/18/18 11:33	06/20/18 00:58	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1127203	1	06/13/18 15:30	06/20/18 18:20	ВМВ
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126837	1	06/13/18 15:30	06/20/18 01:14	JHH



















Semi-Volatile Organic Compounds (GC) by Method 8015

WG1127295

06/21/18 13:51

06/22/18 04:13

DMW

SAMPLE SUMMARY

			Callo ato d bu	Collected date/time	Donoissad doto/timeo
ESW-1 L1002317-11 Solid			Collected by Kayla Taylor	06/12/18 13:35	Received date/time 06/16/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
Metriod	Datell	Dilution	date/time	date/time	AlidiySt
Total Solids by Method 2540 G-2011	WG1126909	1	06/21/18 14:37	06/21/18 14:50	JD
Wet Chemistry by Method 300.0	WG1125818	10	06/18/18 11:33	06/20/18 01:07	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1127203	1	06/12/18 13:35	06/20/18 18:42	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126837	1	06/12/18 13:35	06/20/18 01:33	JHH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1127295	1	06/21/18 13:51	06/22/18 04:26	DMW
			Collected by	Collected date/time	Received date/time
AH-1 (0-2") L1002317-12 Solid			Kayla Taylor	06/13/18 08:45	06/16/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1126909	1	06/21/18 14:37	06/21/18 14:50	JD
Wet Chemistry by Method 300.0	WG1125818	10	06/18/18 11:33	06/20/18 01:17	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1127203	10	06/13/18 08:45	06/20/18 19:04	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126837	1	06/13/18 08:45	06/20/18 01:52	JHH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1127295	1	06/21/18 13:51	06/22/18 04:40	DMW
			Collected by	Collected date/time	Received date/time
ESW-1 (10') L1002317-13 Solid			Kayla Taylor	06/14/18 11:00	06/16/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
T-t-1 C-1:d- b. M-thd-2F40 C-2044	WC442C000	1	date/time	date/time	10
Total Solids by Method 2540 G-2011	WG1126909 WG1125818	1	06/21/18 14:37 06/18/18 11:33	06/21/18 14:50 06/20/18 01:26	JD MAJ
Wet Chemistry by Method 300.0 Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1127203	10 1	06/14/18 11:00	06/20/18 01:26	MAJ BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126837	1	06/14/18 11:00	06/20/18 02:11	JHH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1127295	1	06/21/18 13:51	06/22/18 04:53	DMW
			Collected by	Collected date/time	Received date/time
NSW-1 (8') L1002317-14 Solid			Kayla Taylor	06/14/18 11:35	06/16/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1126909	1	06/21/18 14:37	06/21/18 14:50	JD
Wet Chemistry by Method 300.0	WG1125818	5	06/18/18 11:33	06/20/18 01:36	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1127387	1	06/14/18 11:35	06/20/18 20:48	DWR
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126837	1	06/14/18 11:35	06/20/18 02:30	JHH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1127295	1	06/21/18 13:51	06/22/18 05:07	DMW
			Collected by	Collected date/time	Received date/time
NSW-1 (15') L1002317-15 Solid			Kayla Taylor	06/14/18 10:45	06/16/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1126909	1	06/21/18 14:37	06/21/18 14:50	JD
Wet Chemistry by Method 300.0	WG1125818	5	06/18/18 11:33	06/20/18 01:45	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1127387	1	06/14/18 10:45	06/20/18 21:10	DWR
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126837	1	06/14/18 10:45	06/20/18 02:49	JHH



















Semi-Volatile Organic Compounds (GC) by Method 8015

WG1127295

06/21/18 13:51

06/22/18 05:20

DMW

Semi-Volatile Organic Compounds (GC) by Method 8015

SAMPLE SUMMARY

			Collected by	Collected date/time	Received date/time
NSW-1 (25') L1002317-16 Solid			Kayla Taylor	06/14/18 12:00	06/16/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1126909	1	06/21/18 14:37	06/21/18 14:50	JD
Wet Chemistry by Method 300.0	WG1125818	5	06/18/18 11:33	06/20/18 01:55	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1127387	1	06/14/18 12:00	06/20/18 21:32	DWR
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126837	1	06/14/18 12:00	06/20/18 03:08	JHH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1127295	1	06/21/18 13:51	06/22/18 05:34	DMW
			Collected by	Collected date/time	Received date/time
WSW-1 L1002317-17 Solid			Kayla Taylor	06/14/18 12:40	06/16/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1126909	1	06/21/18 14:37	06/21/18 14:50	JD
Wet Chemistry by Method 300.0	WG1125818	5	06/18/18 11:33	06/20/18 02:23	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1127387	1	06/14/18 12:40	06/20/18 21:55	DWR
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126837	1	06/14/18 12:40	06/20/18 03:27	JHH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1127295	1	06/21/18 13:51	06/22/18 05:47	DMW
			Collected by	Collected date/time	Received date/time
WSW-3 (4') L1002317-18 Solid			Kayla Taylor	06/13/18 13:10	06/16/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1126909	1	06/21/18 14:37	06/21/18 14:50	JD
Wet Chemistry by Method 300.0	WG1125818	1	06/18/18 11:33	06/20/18 02:33	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1127387	1	06/13/18 13:10	06/20/18 22:17	DWR
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126837	1	06/13/18 13:10	06/20/18 03:47	JHH

WG1127295



















06/21/18 13:51

06/22/18 06:01

 DMW

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 radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. 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.

³Ss

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Chris McCord

Technical Service Representative

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SAMPLE RESULTS - 01

Collected date/time: 06/11/18 15:00

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	77.4		1	06/21/2018 15:06	WG1126908

Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	<u>Batch</u>
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	1740		5.14	64.6	5	06/19/2018 23:03	WG1125818



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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		0.0280	0.129	1	06/20/2018 12:21	WG1127045
(S) a,a,a-Trifluorotoluene(FID)	94.6			77.0-120		06/20/2018 12:21	WG1127045



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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	<u>Batch</u>
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000517	0.00129	1	06/19/2018 22:23	WG1126837
Toluene	U		0.00162	0.00646	1	06/19/2018 22:23	WG1126837
Ethylbenzene	U		0.000685	0.00323	1	06/19/2018 22:23	WG1126837
Total Xylenes	U		0.00618	0.00840	1	06/19/2018 22:23	WG1126837
(S) Toluene-d8	108			80.0-120		06/19/2018 22:23	WG1126837
(S) Dibromofluoromethane	115			74.0-131		06/19/2018 22:23	WG1126837
(S) a,a,a-Trifluorotoluene	106			80.0-120		06/19/2018 22:23	WG1126837
(S) 4-Bromofluorobenzene	102			64.0-132		06/19/2018 22:23	WG1126837

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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	17.8		2.08	5.17	1	06/22/2018 02:24	WG1127295	
C28-C40 Oil Range	15.3		0.354	5.17	1	06/22/2018 02:24	WG1127295	
(S) o-Terphenyl	37.0			18.0-148		06/22/2018 02:24	WG1127295	

Collected date/time: 06/11/18 13:25

SAMPLE RESULTS - 02

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	80.5		1	06/21/2018 15:06	WG1126908



Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	<u>Batch</u>
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	157		0.987	12.4	1	06/19/2018 23:13	WG1125818



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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		0.0270	0.124	1	06/20/2018 12:44	WG1127045
(S) a,a,a-Trifluorotoluene(FID)	93.8			77.0-120		06/20/2018 12:44	WG1127045



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

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	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000497	0.00124	1	06/19/2018 22:41	WG1126837
Toluene	U		0.00155	0.00621	1	06/19/2018 22:41	WG1126837
Ethylbenzene	U		0.000658	0.00311	1	06/19/2018 22:41	WG1126837
Total Xylenes	U		0.00594	0.00807	1	06/19/2018 22:41	WG1126837
(S) Toluene-d8	113			80.0-120		06/19/2018 22:41	WG1126837
(S) Dibromofluoromethane	99.7			74.0-131		06/19/2018 22:41	WG1126837
(S) a,a,a-Trifluorotoluene	104			80.0-120		06/19/2018 22:41	WG1126837
(S) 4-Bromofluorobenzene	104			64.0-132		06/19/2018 22:41	WG1126837



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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	14.7	<u>J3 J6</u>	2.00	4.97	1	06/22/2018 06:14	WG1127295
C28-C40 Oil Range	26.1		0.340	4.97	1	06/22/2018 06:14	WG1127295
(S) o-Terphenyl	37.6			18.0-148		06/22/2018 06:14	WG1127295

ONE LAB. NA Page 34 of 213 SAMPLE RESULTS - 03

Collected date/time: 06/11/18 13:45

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	87.4		1	06/21/2018 15:06	WG1126908



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	147		0.910	11.4	1	06/19/2018 23:22	WG1125818



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		0.0248	0.114	1	06/20/2018 13:06	WG1127045
(S) a,a,a-Trifluorotoluene(FID)	91.8			77.0-120		06/20/2018 13:06	WG1127045



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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	<u>Batch</u>
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000458	0.00114	1	06/19/2018 23:01	WG1126837
Toluene	U		0.00143	0.00572	1	06/19/2018 23:01	WG1126837
Ethylbenzene	U		0.000607	0.00286	1	06/19/2018 23:01	WG1126837
Total Xylenes	U		0.00547	0.00744	1	06/19/2018 23:01	WG1126837
(S) Toluene-d8	112			80.0-120		06/19/2018 23:01	WG1126837
(S) Dibromofluoromethane	98.5			74.0-131		06/19/2018 23:01	WG1126837
(S) a,a,a-Trifluorotoluene	99.0			80.0-120		06/19/2018 23:01	WG1126837
(S) 4-Bromofluorobenzene	103			64.0-132		06/19/2018 23:01	WG1126837



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	5.76		1.84	4.58	1	06/22/2018 02:38	WG1127295
C28-C40 Oil Range	16.4		0.314	4.58	1	06/22/2018 02:38	WG1127295
(S) o-Terphenyl	75.4			18.0-148		06/22/2018 02:38	WG1127295

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Collected date/time: 06/11/18 14:10

SAMPLE RESULTS - 04

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	93.6		1	06/21/2018 15:06	WG1126908



Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	<u>Batch</u>
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	145		0.849	10.7	1	06/19/2018 23:32	WG1125818



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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		0.0232	0.107	1	06/20/2018 13:28	WG1127045
(S) a,a,a-Trifluorotoluene(FID)	94.1			77.0-120		06/20/2018 13:28	WG1127045



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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	<u>Batch</u>
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000427	0.00107	1	06/19/2018 23:20	WG1126837
Toluene	U		0.00133	0.00534	1	06/19/2018 23:20	WG1126837
Ethylbenzene	U		0.000566	0.00267	1	06/19/2018 23:20	WG1126837
Total Xylenes	U		0.00510	0.00694	1	06/19/2018 23:20	WG1126837
(S) Toluene-d8	116			80.0-120		06/19/2018 23:20	WG1126837
(S) Dibromofluoromethane	101			74.0-131		06/19/2018 23:20	WG1126837
(S) a,a,a-Trifluorotoluene	105			80.0-120		06/19/2018 23:20	WG1126837
(S) 4-Bromofluorobenzene	103			64.0-132		06/19/2018 23:20	WG1126837



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	4.68		1.72	4.27	1	06/22/2018 02:51	WG1127295
C28-C40 Oil Range	11.5		0.293	4.27	1	06/22/2018 02:51	WG1127295
(S) o-Terphenyl	66.6			18.0-148		06/22/2018 02:51	WG1127295

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SAMPLE RESULTS - 05

Collected date/time: 06/11/18 15:20

Total Solids	by	Method	2540	G-2011
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	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	96.3		1	06/21/2018 15:06	WG1126908



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	9580	<u>J3</u>	41.3	519	50	06/19/2018 23:41	WG1125818



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	0.0554	<u>J</u>	0.0225	0.104	1	06/20/2018 16:31	WG1127203
(S) a,a,a-Trifluorotoluene(FID)	98.0			77.0-120		06/20/2018 16:31	WG1127203



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

9	'	, ,	,				
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000415	0.00104	1	06/19/2018 23:39	WG1126837
Toluene	U		0.00130	0.00519	1	06/19/2018 23:39	WG1126837
Ethylbenzene	U		0.000550	0.00260	1	06/19/2018 23:39	WG1126837
Total Xylenes	U		0.00496	0.00675	1	06/19/2018 23:39	WG1126837
(S) Toluene-d8	109			80.0-120		06/19/2018 23:39	WG1126837
(S) Dibromofluoromethane	105			74.0-131		06/19/2018 23:39	WG1126837
(S) a,a,a-Trifluorotoluene	107			80.0-120		06/19/2018 23:39	WG1126837
(S) 4-Bromofluorobenzene	105			64.0-132		06/19/2018 23:39	WG1126837



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	13.8		1.67	4.15	1	06/22/2018 03:05	WG1127295
C28-C40 Oil Range	19.5		0.284	4.15	1	06/22/2018 03:05	WG1127295
(S) o-Terphenyl	61.0			18.0-148		06/22/2018 03:05	WG1127295

SAMPLE RESULTS - 06 ONE LAB. NA Page 37 of 213

Collected date/time: 06/13/18 13:20

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	71.9		1	06/21/2018 15:06	WG1126908

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	249		1.11	13.9	1	06/20/2018 00:00	WG1125818



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	0.0466	<u>J</u>	0.0302	0.139	1	06/20/2018 16:53	WG1127203
(S) a,a,a-Trifluorotoluene(FID)	99.5			77.0-120		06/20/2018 16:53	<u>WG1127203</u>



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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		0.000557	0.00139	1	06/19/2018 23:58	WG1126837
Toluene	U		0.00174	0.00696	1	06/19/2018 23:58	WG1126837
Ethylbenzene	U		0.000737	0.00348	1	06/19/2018 23:58	WG1126837
Total Xylenes	U		0.00665	0.00904	1	06/19/2018 23:58	WG1126837
(S) Toluene-d8	109			80.0-120		06/19/2018 23:58	WG1126837
(S) Dibromofluoromethane	105			74.0-131		06/19/2018 23:58	WG1126837
(S) a,a,a-Trifluorotoluene	107			80.0-120		06/19/2018 23:58	WG1126837
(S) 4-Bromofluorobenzene	108			64.0-132		06/19/2018 23:58	WG1126837



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		2.24	5.57	1	06/22/2018 03:18	WG1127295
C28-C40 Oil Range	4.15	<u>J</u>	0.381	5.57	1	06/22/2018 03:18	WG1127295
(S) o-Terphenyl	56.6			18.0-148		06/22/2018 03:18	WG1127295

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SAMPLE RESULTS - 07

Collected date/time: 06/13/18 11:40

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	94.6		1	06/21/2018 15:06	WG1126908



Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	<u>Batch</u>
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	8200		42.1	529	50	06/20/2018 00:29	WG1125818



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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	0.0775	<u>J</u>	0.0229	0.106	1	06/20/2018 17:15	WG1127203
(S) a,a,a-Trifluorotoluene(FID)	96.4			77.0-120		06/20/2018 17:15	WG1127203



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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		0.000423	0.00106	1	06/20/2018 00:17	WG1126837
Toluene	U		0.00132	0.00529	1	06/20/2018 00:17	WG1126837
Ethylbenzene	U		0.000560	0.00264	1	06/20/2018 00:17	WG1126837
Total Xylenes	U		0.00505	0.00687	1	06/20/2018 00:17	WG1126837
(S) Toluene-d8	106			80.0-120		06/20/2018 00:17	WG1126837
(S) Dibromofluoromethane	109			74.0-131		06/20/2018 00:17	WG1126837
(S) a,a,a-Trifluorotoluene	103			80.0-120		06/20/2018 00:17	WG1126837
(S) 4-Bromofluorobenzene	99.5			64.0-132		06/20/2018 00:17	WG1126837



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	3.16	<u>J</u>	1.70	4.23	1	06/22/2018 03:32	WG1127295
C28-C40 Oil Range	6.21		0.290	4.23	1	06/22/2018 03:32	WG1127295
(S) o-Terphenyl	53.7			18.0-148		06/22/2018 03:32	WG1127295

Collected date/time: 06/13/18 14:50

SAMPLE RESULTS - 08

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	88.8		1	06/21/2018 15:06	WG1126908



Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	<u>Batch</u>
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	468		0.895	11.3	1	06/20/2018 00:39	WG1125818



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	0.0285	<u>J</u>	0.0244	0.113	1	06/20/2018 17:36	WG1127203
(S) a,a,a-Trifluorotoluene(FID)	103			77.0-120		06/20/2018 17:36	WG1127203



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

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	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	<u>Batch</u>
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000450	0.00113	1	06/20/2018 00:36	WG1126837
Toluene	U		0.00141	0.00563	1	06/20/2018 00:36	WG1126837
Ethylbenzene	U		0.000597	0.00281	1	06/20/2018 00:36	WG1126837
Total Xylenes	U		0.00538	0.00732	1	06/20/2018 00:36	WG1126837
(S) Toluene-d8	111			80.0-120		06/20/2018 00:36	WG1126837
(S) Dibromofluoromethane	101			74.0-131		06/20/2018 00:36	WG1126837
(S) a,a,a-Trifluorotoluene	104			80.0-120		06/20/2018 00:36	WG1126837
(S) 4-Bromofluorobenzene	107			64 0-132		06/20/2018 00:36	WG1126837



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	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.81	4.50	1	06/22/2018 03:46	WG1127295
C28-C40 Oil Range	2.25	<u>J</u>	0.308	4.50	1	06/22/2018 03:46	WG1127295
(S) o-Terphenyl	62.1			18.0-148		06/22/2018 03:46	WG1127295

SAMPLE RESULTS - 09

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Collected date/time: 06/13/18 12:45

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	88.4		1	06/21/2018 14:50	WG1126909



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	754		0.899	11.3	1	06/20/2018 00:48	WG1125818



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	0.0362	<u>J</u>	0.0245	0.113	1	06/20/2018 17:58	WG1127203
(S) a,a,a-Trifluorotoluene(FID)	97.8			77.0-120		06/20/2018 17:58	WG1127203



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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		0.000452	0.00113	1	06/20/2018 00:55	WG1126837
Toluene	U		0.00141	0.00565	1	06/20/2018 00:55	WG1126837
Ethylbenzene	U		0.000599	0.00283	1	06/20/2018 00:55	WG1126837
Total Xylenes	U		0.00541	0.00735	1	06/20/2018 00:55	WG1126837
(S) Toluene-d8	109			80.0-120		06/20/2018 00:55	WG1126837
(S) Dibromofluoromethane	103			74.0-131		06/20/2018 00:55	WG1126837
(S) a,a,a-Trifluorotoluene	101			80.0-120		06/20/2018 00:55	WG1126837
(S) 4-Bromofluorobenzene	104			64.0-132		06/20/2018 00:55	WG1126837



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	4.16	<u>J</u>	1.82	4.52	1	06/22/2018 03:59	WG1127295
C28-C40 Oil Range	9.77		0.310	4.52	1	06/22/2018 03:59	WG1127295
(S) o-Terphenyl	45.9			18.0-148		06/22/2018 03:59	WG1127295

SAMPLE RESULTS - 10

Total Solids by Method	2540 G-2011
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	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	87.3		1	06/21/2018 14:50	WG1126909



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	3830		9.10	115	10	06/20/2018 00:58	WG1125818



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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	0.0259	J	0.0248	0.115	1	06/20/2018 18:20	WG1127203
(S) a,a,a-Trifluorotoluene(FID)	103			77.0-120		06/20/2018 18:20	WG1127203



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

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	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	<u>Batch</u>
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000458	0.00115	1	06/20/2018 01:14	WG1126837
Toluene	U		0.00143	0.00573	1	06/20/2018 01:14	WG1126837
Ethylbenzene	U		0.000607	0.00286	1	06/20/2018 01:14	WG1126837
Total Xylenes	U		0.00547	0.00744	1	06/20/2018 01:14	WG1126837
(S) Toluene-d8	113			80.0-120		06/20/2018 01:14	WG1126837
(S) Dibromofluoromethane	101			74.0-131		06/20/2018 01:14	WG1126837
(S) a,a,a-Trifluorotoluene	105			80.0-120		06/20/2018 01:14	WG1126837
(S) 4-Bromofluorobenzene	103			64.0-132		06/20/2018 01:14	WG1126837



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	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	4.58	1	06/22/2018 04:13	WG1127295
C28-C40 Oil Range	1.05	<u>J</u>	0.314	4.58	1	06/22/2018 04:13	WG1127295
(S) o-Terphenyl	59.1			18.0-148		06/22/2018 04:13	WG1127295

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SAMPLE RESULTS - 11

Collected date/time: 06/12/18 13:35

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	89.0		1	06/21/2018 14:50	WG1126909



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	4600		8.93	112	10	06/20/2018 01:07	WG1125818



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	0.0497	<u>J</u>	0.0244	0.112	1	06/20/2018 18:42	WG1127203
(S) a,a,a-Trifluorotoluene(FID)	102			77.0-120		06/20/2018 18:42	WG1127203



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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		0.000449	0.00112	1	06/20/2018 01:33	WG1126837
Toluene	U		0.00140	0.00562	1	06/20/2018 01:33	WG1126837
Ethylbenzene	U		0.000595	0.00281	1	06/20/2018 01:33	WG1126837
Total Xylenes	U		0.00537	0.00730	1	06/20/2018 01:33	WG1126837
(S) Toluene-d8	105			80.0-120		06/20/2018 01:33	WG1126837
(S) Dibromofluoromethane	109			74.0-131		06/20/2018 01:33	WG1126837
(S) a,a,a-Trifluorotoluene	101			80.0-120		06/20/2018 01:33	WG1126837
(S) 4-Bromofluorobenzene	99.6			64.0-132		06/20/2018 01:33	WG1126837



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.81	4.49	1	06/22/2018 04:26	WG1127295
C28-C40 Oil Range	1.38	<u>J</u>	0.308	4.49	1	06/22/2018 04:26	WG1127295
(S) o-Terphenyl	70.4			18.0-148		06/22/2018 04:26	WG1127295

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SAMPLE RESULTS - 12

Collected date/time: 06/13/18 08:45

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	89.3		1	06/21/2018 14:50	WG1126909

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	3940		8.90	112	10	06/20/2018 01:17	WG1125818



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	0.0250	<u>J</u>	0.0243	0.112	1	06/20/2018 19:04	WG1127203
(S) a,a,a-Trifluorotoluene(FID)	102			77.0-120		06/20/2018 19:04	WG1127203



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

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	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000448	0.00112	1	06/20/2018 01:52	WG1126837
Toluene	U		0.00140	0.00560	1	06/20/2018 01:52	WG1126837
Ethylbenzene	U		0.000593	0.00280	1	06/20/2018 01:52	WG1126837
Total Xylenes	U		0.00535	0.00728	1	06/20/2018 01:52	WG1126837
(S) Toluene-d8	109			80.0-120		06/20/2018 01:52	WG1126837
(S) Dibromofluoromethane	99.8			74.0-131		06/20/2018 01:52	WG1126837
(S) a,a,a-Trifluorotoluene	102			80.0-120		06/20/2018 01:52	WG1126837
(S) 4-Bromofluorobenzene	105			64.0-132		06/20/2018 01:52	WG1126837



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	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.80	4.48	1	06/22/2018 04:40	WG1127295
C28-C40 Oil Range	0.492	<u>J</u>	0.307	4.48	1	06/22/2018 04:40	WG1127295
(S) o-Terphenyl	57.3			18.0-148		06/22/2018 04:40	WG1127295

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SAMPLE RESULTS - 13

Collected date/time: 06/14/18 11:00

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	88.4		1	06/21/2018 14:50	<u>WG1126909</u>



Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	<u>Batch</u>
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	1860		8.99	113	10	06/20/2018 01:26	WG1125818



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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	0.0323	J	0.0245	0.113	1	06/20/2018 19:25	WG1127203
(S) a,a,a-Trifluorotoluene(FID)	101			77.0-120		06/20/2018 19:25	WG1127203



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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		0.000452	0.00113	1	06/20/2018 02:11	WG1126837		
Toluene	U		0.00141	0.00566	1	06/20/2018 02:11	WG1126837		
Ethylbenzene	U		0.000600	0.00283	1	06/20/2018 02:11	WG1126837		
Total Xylenes	U		0.00541	0.00735	1	06/20/2018 02:11	WG1126837		
(S) Toluene-d8	109			80.0-120		06/20/2018 02:11	WG1126837		
(S) Dibromofluoromethane	98.1			74.0-131		06/20/2018 02:11	WG1126837		
(S) a,a,a-Trifluorotoluene	106			80.0-120		06/20/2018 02:11	WG1126837		
(S) 4-Bromofluorobenzene	104			64.0-132		06/20/2018 02:11	WG1126837		



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	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	2.81	J	1.82	4.52	1	06/22/2018 04:53	WG1127295
C28-C40 Oil Range	5.05		0.310	4.52	1	06/22/2018 04:53	WG1127295
(S) o-Terphenyl	53.5			18.0-148		06/22/2018 04:53	WG1127295

SAMPLE RESULTS - 14

Total Solids	by Method	2540 G-2011
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	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	86.8		1	06/21/2018 14:50	WG1126909



Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	<u>Batch</u>
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	2260		4.58	57.6	5	06/20/2018 01:36	WG1125818



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		0.0250	0.115	1	06/20/2018 20:48	WG1127387
(S) a,a,a-Trifluorotoluene(FID)	94.5			77.0-120		06/20/2018 20:48	WG1127387



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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		0.000461	0.00115	1	06/20/2018 02:30	WG1126837
Toluene	U		0.00144	0.00576	1	06/20/2018 02:30	WG1126837
Ethylbenzene	U		0.000611	0.00288	1	06/20/2018 02:30	WG1126837
Total Xylenes	U		0.00551	0.00749	1	06/20/2018 02:30	WG1126837
(S) Toluene-d8	112			80.0-120		06/20/2018 02:30	WG1126837
(S) Dibromofluoromethane	98.8			74.0-131		06/20/2018 02:30	WG1126837
(S) a,a,a-Trifluorotoluene	104			80.0-120		06/20/2018 02:30	WG1126837
(S) 4-Bromofluorobenzene	103			64.0-132		06/20/2018 02:30	WG1126837



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	3.10	<u>J</u>	1.85	4.61	1	06/22/2018 05:07	WG1127295
C28-C40 Oil Range	7.99		0.316	4.61	1	06/22/2018 05:07	WG1127295
(S) o-Terphenyl	63.2			18.0-148		06/22/2018 05:07	WG1127295

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SAMPLE RESULTS - 15

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	85.0		1	06/21/2018 14:50	WG1126909

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	2240		4.68	58.8	5	06/20/2018 01:45	WG1125818



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		0.0255	0.118	1	06/20/2018 21:10	WG1127387
(S) a,a,a-Trifluorotoluene(FID)	94.9			77.0-120		06/20/2018 21:10	WG1127387



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

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	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000471	0.00118	1	06/20/2018 02:49	WG1126837
Toluene	U		0.00147	0.00588	1	06/20/2018 02:49	WG1126837
Ethylbenzene	U		0.000624	0.00294	1	06/20/2018 02:49	WG1126837
Total Xylenes	U		0.00562	0.00765	1	06/20/2018 02:49	WG1126837
(S) Toluene-d8	106			80.0-120		06/20/2018 02:49	WG1126837
(S) Dibromofluoromethane	111			74.0-131		06/20/2018 02:49	WG1126837
(S) a,a,a-Trifluorotoluene	101			80.0-120		06/20/2018 02:49	WG1126837
(S) 4-Bromofluorobenzene	95.2			64.0-132		06/20/2018 02:49	WG1126837



	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	4.71	1	06/22/2018 05:20	WG1127295
C28-C40 Oil Range	2.97	<u>J</u>	0.322	4.71	1	06/22/2018 05:20	WG1127295
(S) o-Terphenyl	61.4			18.0-148		06/22/2018 05:20	WG1127295

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SAMPLE RESULTS - 16

Collected date/time: 06/14/18 12:00

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	92.9		1	06/21/2018 14:50	WG1126909



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	1180		4.28	53.8	5	06/20/2018 01:55	WG1125818



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		0.0234	0.108	1	06/20/2018 21:32	WG1127387
(S) a,a,a-Trifluorotoluene(FID)	95.2			77.0-120		06/20/2018 21:32	WG1127387



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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		0.000431	0.00108	1	06/20/2018 03:08	WG1126837
Toluene	U		0.00135	0.00538	1	06/20/2018 03:08	WG1126837
Ethylbenzene	U		0.000571	0.00269	1	06/20/2018 03:08	WG1126837
Total Xylenes	U		0.00515	0.00700	1	06/20/2018 03:08	WG1126837
(S) Toluene-d8	107			80.0-120		06/20/2018 03:08	WG1126837
(S) Dibromofluoromethane	111			74.0-131		06/20/2018 03:08	WG1126837
(S) a,a,a-Trifluorotoluene	102			80.0-120		06/20/2018 03:08	WG1126837
(S) 4-Bromofluorobenzene	102			64.0-132		06/20/2018 03:08	WG1126837



_	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	3.20	<u>J</u>	1.73	4.31	1	06/22/2018 05:34	WG1127295
C28-C40 Oil Range	8.92		0.295	4.31	1	06/22/2018 05:34	WG1127295
(S) o-Terphenyl	58.4			18.0-148		06/22/2018 05:34	WG1127295

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SAMPLE RESULTS - 17

Collected date/time: 06/14/18 12:40 Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	91.8		1	06/21/2018 14:50	WG1126909

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	1430		4.33	54.4	5	06/20/2018 02:23	WG1125818



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		0.0236	0.109	1	06/20/2018 21:55	WG1127387
(S) a,a,a-Trifluorotoluene(FID)	93.2			77.0-120		06/20/2018 21:55	WG1127387



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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		0.000436	0.00109	1	06/20/2018 03:27	WG1126837
Toluene	U		0.00136	0.00544	1	06/20/2018 03:27	WG1126837
Ethylbenzene	U		0.000577	0.00272	1	06/20/2018 03:27	WG1126837
Total Xylenes	U		0.00520	0.00708	1	06/20/2018 03:27	WG1126837
(S) Toluene-d8	110			80.0-120		06/20/2018 03:27	WG1126837
(S) Dibromofluoromethane	97.3			74.0-131		06/20/2018 03:27	WG1126837
(S) a,a,a-Trifluorotoluene	105			80.0-120		06/20/2018 03:27	WG1126837
(S) 4-Bromofluorobenzene	104			64.0-132		06/20/2018 03:27	WG1126837



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	3.84	<u>J</u>	1.75	4.36	1	06/22/2018 05:47	WG1127295
C28-C40 Oil Range	7.33		0.298	4.36	1	06/22/2018 05:47	WG1127295
(S) o-Terphenyl	61.9			18.0-148		06/22/2018 05:47	WG1127295

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SAMPLE RESULTS - 18

Collected date/time: 06/13/18 13:10

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	73.4		1	06/21/2018 14:50	WG1126909



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	273		1.08	13.6	1	06/20/2018 02:33	WG1125818



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		0.0296	0.136	1	06/20/2018 22:17	WG1127387
(S) a,a,a-Trifluorotoluene(FID)	95.5			77.0-120		06/20/2018 22:17	<u>WG1127387</u>



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

	' '		<u>'</u>				
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	<u>Batch</u>
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000545	0.00136	1	06/20/2018 03:47	WG1126837
oluene	U		0.00170	0.00681	1	06/20/2018 03:47	WG1126837
Ethylbenzene	U		0.000722	0.00341	1	06/20/2018 03:47	WG1126837
Total Xylenes	U		0.00651	0.00886	1	06/20/2018 03:47	WG1126837
(S) Toluene-d8	106			80.0-120		06/20/2018 03:47	WG1126837
(S) Dibromofluoromethane	111			74.0-131		06/20/2018 03:47	WG1126837
(S) a,a,a-Trifluorotoluene	102			80.0-120		06/20/2018 03:47	WG1126837
(S) 4-Bromofluorobenzene	99.5			64.0-132		06/20/2018 03:47	WG1126837



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		2.19	5.45	1	06/22/2018 06:01	WG1127295
C28-C40 Oil Range	1.30	<u>J</u>	0.373	5.45	1	06/22/2018 06:01	WG1127295
(S) o-Terphenyl	56.7			18.0-148		06/22/2018 06:01	WG1127295

ConocoPhillips - Tetra Tech

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L1002317-01,02,03,04,05,06,07,08 Total Solids by Method 2540 G-2011

Method Blank (MB)

(MB) R3320051-1 06	6/21/18 15:06			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.000			

Ss

L1002317-02 Original Sample (OS) • Duplicate (DUP)

		Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	2	%	%		%		%
Total Sc	olids	80.5	80.3	1	0.202		5



Laboratory Control Sample (LCS)

(LCS	1 R3320051-2	06/21/18 15:06

(LCS) R3320051-2 06/21/	18 15:06				
	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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Total Solids by Method 2540 G-2011 L1002317-09

L1002317-09,10,11,12,13,14,15,16,17,18

Method Blank (MB)

(MB) R3320049-1 06	(MB) R3320049-1 06/21/18 14:50										
	MB Result	MB Qualifier	MB MDL	MB RDL							
Analyte	%		%	%							
Total Solids	0.000										

L1002317-14 Original Sample (OS) • Duplicate (DUP)

(OS) L1002317-14 (06/21/18 14:50 • (DUI Original Res	P) R3320049-3 ult DUP Result		4:50 Dup RPD	DUP Qualifier	DUP RPD imits	l	5 0
Analyte	%	%		%		,		_
Total Solids	86.8	88.7	1	2.11		,		6

Laboratory Control Sample (LCS)

(LCS) R3320049-2 06/21/18 14:50											
	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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Wet Chemistry by Method 300.0 L1002317-01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17,18

Method Blank (MB)

Chloride

(MB) R3319310-1 06/19/18 22:25											
	MB Result	MB Qualifier	MB MDL	MB RDL							
Analyte	mg/kg		mg/kg	mg/kg							
Chloride	U		0.795	10.0							







(OS) L1002317-05 06/19/18 23:41 • (DUP) R3319310-4 06/19/18 23:51											
		Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits				
	Analyte	mg/kg	mg/kg		%		%				

13300







50

32.2

<u>J3</u>

(LCS) R3319310-2 06/19/18 22:35 • (LCSD) R3319310-3 06/19/18 22:44

9580

(200) 110010010 2 00	(200) NOO10010 2 00/10/10 22.00 (2002) NOO10010 0 00/10/10 22.11												
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier LCSD	O Qualifier RPD	RPD Limits				
Analyte	mg/kg	mg/kg	mg/kg	%	%	%		%	%				
Chloride	200	197	201	98.7	101	90.0-110		1.87	20				

20





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

QUALITY CONTROL SUMMARY

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L1002317-01,02,03,04

Method Blank (MB)

(MB) R3319898-4 06/20/	MB) R3319898-4 06/20/18 05:56										
	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)	98.0			77.0-120							

²Tc



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

(LCS) R3319898-2 06/20/	LCS) R3319898-2 06/20/18 04:50 • (LCSD) R3319898-3 06/20/18 05:12													
	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	6.12	6.08	111	111	70.0-136			0.727	20				
(S) a,a,a-Trifluorotoluene(FID)				104	104	77.0-120								











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

QUALITY CONTROL SUMMARY

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L1002317-05,06,07,08,09,10,11,12,13

Method Blank (MB)

(MB) R3319540-5 06/20/18 13:05 MB Result MB Qualifier MB MDL MB RDL Analyte mg/kg mg/kg mg/kg TPH (GC/FID) Low Fraction U 0.0217 0.100 104 77.0-120 a,a,a-Trifluorotoluene(FID)

Ss

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

(LCS) R3319540-3 06/20/18 12:00 • (LCSD) R3319540-4 06/20/18 12:22 Spike Amount LCS Result LCSD Result LCS Rec. LCSD Rec. Rec. Limits LCSD Qualifier RPD **RPD Limits** LCS Qualifier % Analyte mg/kg mg/kg mg/kg % % % % 20 TPH (GC/FID) Low Fraction 5.50 5.94 5.83 108 70.0-136 1.83 106 (S) a,a,a-Trifluorotoluene(FID) 101 100 77.0-120



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L1002864-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1002864-01 06/20/18 14:19 • (MS) R3319540-8 06/20/18 20:30 • (MSD) R3319540-9 06/20/18 20:52

(00) 2:00200: 0: 00/20/	()		72071020.00	(02)00.00	.00000120110	20.02						
	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	%	%		%			%	%
TPH (GC/FID) Low Fraction	5.50	ND	4.00	3.26	71.4	58.1	1	10.0-147			20.2	30
(S) a,a,a-Trifluorotoluene(FID)					98.3	97.0		77.0-120				







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

L1002317-14,15,16,17,18

Method Blank (MB)

(MB) R3319675-3 06/20/18 19:40										
	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)	98.3			77.0-120						





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

(LCS) R3319675-1 06/20/1	LCS) R3319675-1 06/20/18 18:33 • (LCSD) R3319675-2 06/20/18 18:55													
	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	5.27	4.80	95.8	87.3	70.0-136			9.36	20				
(S) a,a,a-Trifluorotoluene(FID)				103	100	77.0-120								







L1002425-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(0	S) I 1002425-06	06/21/18 03:30 •	(MS) R3	319675-4	06/21/18 03:52 •	(MSD	R3319675-5	06/21/18 04:15

(00) 21002 120 00 00,21,	, ,	Original 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	%	%		%			%	%
TPH (GC/FID) Low Fraction	5.50	U	56.2	53.5	38.6	36.7	26.5	10.0-147			5.04	30
(S) a,a,a-Trifluorotoluene(FID)					88.9	90.2		77.0-120				







L1002317-01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17,18

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

Method Blank (MB)

(S) 4-Bromofluorobenzene

(MB) R3320156-3 06/19/1	(MB) R3320156-3 06/19/18 21:53									
	MB Result	MB Qualifier	MB MDL	MB RDL						
Analyte	mg/kg		mg/kg	mg/kg						
Benzene	U		0.000400	0.00100						
Ethylbenzene	U		0.000530	0.00250						
Toluene	U		0.00125	0.00500						
Xylenes, Total	U		0.00478	0.00650						
(S) Toluene-d8	113			80.0-120						
(S) Dibromofluoromethane	95.1			74.0-131						
(S) a,a,a-Trifluorotoluene	107			80.0-120						
(S) 4-Bromofluorobenzene	106			64.0-132						

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

LCS) R3320156-1 06/19	/18 19:54 • (LCSD) R3320156-2	2 06/19/18 20:13	i							
	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	%	%	%			%	%	
Benzene	0.125	0.115	0.116	92.2	92.6	71.0-124			0.484	20	
Ethylbenzene	0.125	0.124	0.116	99.0	92.7	77.0-120			6.53	20	
Toluene	0.125	0.126	0.121	101	97.1	70.0-120			3.68	20	
Xylenes, Total	0.375	0.326	0.309	86.9	82.4	77.0-120			5.35	20	
(S) Toluene-d8				108	104	80.0-120					
(S) Dibromofluoromethane				107	107	74.0-131					
(S) a,a,a-Trifluorotoluene				109	109	80.0-120					

64.0-132

L1002317-18 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1002317-18 06/20/18 03:47 • (MS) R3320156-4 06/20/18 04:06 • (MSD) R3320156-5 06/20/18 04:25

	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	0.170	U	0.181	0.165	106	97.0	1	13.0-146			8.96	27
Ethylbenzene	0.170	U	0.167	0.167	98.3	98.3	1	10.0-147			0.0399	31
Toluene	0.170	U	0.178	0.181	104	106	1	10.0-144			1.87	28
Xylenes, Total	0.511	U	0.413	0.440	80.8	86.1	1	10.0-150			6.39	31
(S) Toluene-d8					103	110		80.0-120				
(S) Dibromofluoromethane					112	99.7		74.0-131				
(S) a,a,a-Trifluorotoluene					101	103		80.0-120				
(S) 4-Bromofluorobenzene					100	104		64.0-132				

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Semi-Volatile Organic Compounds (GC) by Method 8015

L1002317-01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17,18

Method Blank (MB)

(MB) R3320018-1 06/22	2/18 01:44			
	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	75.4			18.0-148



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

(LCS) R3320018-2 06/2	22/18 01:57 • (LCS	D) R3320018-	-3 06/22/18 02	:11						
	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	%	%	%			%	%
C10-C28 Diesel Range	50.0	41.6	41.6	83.2	83.3	50.0-150			0.0944	20
(S) o-Terphenyl				88.1	85.9	18.0-148				









L1002317-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1002317-02 06/22/18 06:14 • (MS) R3320018-4 06/22/18 06:28 • (MSD) R3320018-5 06/22/18 06:41

	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	%	%		%			%	%	L
C10-C28 Diesel Range	62.1	14.7	59.2	41.4	71.6	42.9	1	50.0-150		<u>J3 J6</u>	35.5	20	
(S) o-Terphenyl					38.3	31.9		18.0-148					







Guide to Reading and Understanding Your Laboratory Report

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

Abbreviations and Definitions

Abbreviations and	d 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.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

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





















ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

State Accreditations

Alabama	40660
Alaska	17-026
Arizona	AZ0612
Arkansas	88-0469
California	2932
Colorado	TN00003
Connecticut	PH-0197
Florida	E87487
Georgia	NELAP
Georgia ¹	923
Idaho	TN00003
Illinois	200008
Indiana	C-TN-01
lowa	364
Kansas	E-10277
Kentucky ^{1 6}	90010
Kentucky ²	16
Louisiana	Al30792
Louisiana ¹	LA180010
Maine	TN0002
Maryland	324
Massachusetts	M-TN003
Michigan	9958
Minnesota	047-999-395
Mississippi	TN00003
Missouri	340
Montana	CERT0086

Nebraska	NE-OS-15-05
Nevada	TN-03-2002-34
New Hampshire	2975
New Jersey-NELAP	TN002
New Mexico ¹	n/a
New York	11742
North Carolina	Env375
North Carolina ¹	DW21704
North Carolina ³	41
North Dakota	R-140
Ohio-VAP	CL0069
Oklahoma	9915
Oregon	TN200002
Pennsylvania	68-02979
Rhode Island	LAO00356
South Carolina	84004
South Dakota	n/a
Tennessee 1 4	2006
Texas	T 104704245-17-14
Texas ⁵	LAB0152
Utah	TN00003
Vermont	VT2006
Virginia	460132
Washington	C847
West Virginia	233
Wisconsin	9980939910
Wyoming	A2LA

Third Party Federal Accreditations

A2LA – ISO 17025	1461.01
A2LA - ISO 17025 5	1461.02
Canada	1461.01
EPA-Crypto	TN00003

AIHA-LAP,LLC EMLAP	100789
DOD	1461.01
USDA	P330-15-00234

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

Our Locations

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





















ANALYTICAL REPORT July 17, 2018

ConocoPhillips - Tetra Tech

Sample Delivery Group: L1006198

Samples Received: 06/30/2018

Project Number: 212C-MD-01236

EVGSAU 2923-001 Description:

Site: 2923.001

Report To: Kayla Taylor

4001 N. Big Spring St., Ste. 401

Midland, TX 79705

Entire Report Reviewed By:

Chris McCord

Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace National is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304. Re12065 Lebsineri Rd20 Motifit 0 PMet, TN 37122 615-758-5858

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Sc: Sample Chain of Custody

35

SAMPLE SUMMARY

WSW-1 (5') L1006198-01 Solid			Collected by Clint Merritt	Collected date/time 06/27/18 13:00	Received date/time 06/30/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
Total Calida hu Mathad 2540 C 2011	WC412.4E47	1	date/time 07/06/18 14:26	date/time	ID
Total Solids by Method 2540 G-2011	WG1134517 WG1132549	1 5	07/06/18 14:26	07/06/18 14:34	JD DR
Wet Chemistry by Method 9056A	WG1132549 WG1135170	5 1	07/08/18 15:01	07/08/18 17:15 07/09/18 00:23	DWR
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1133241				
Volatile Organic Compounds (GC/MS) by Method 8260B Semi-Volatile Organic Compounds (GC) by Method 8015	WG1133241 WG1134233	1 1	07/01/18 08:58 07/09/18 17:03	07/03/18 14:17 07/10/18 16:17	LRL MTJ
Semi-volatile Organic Compounds (GC) by Method 8015	WG1134233	ı	07/09/16 17.03	07/10/16 10.17	IVIIJ
			Collected by	Collected date/time	Received date/time
NSW-3 (5') L1006198-02 Solid			Clint Merritt	06/27/18 13:05	06/30/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
Tabal Calida bu Madhad 2540 C 2044	WC442 4 F 4 7		date/time	date/time	10
Total Solids by Method 2540 G-2011	WG1134517	1	07/06/18 14:26	07/06/18 14:34	JD
Wet Chemistry by Method 9056A	WG1132549	1	07/08/18 15:01	07/08/18 17:24	DR
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1135170	1	07/01/18 08:58	07/09/18 00:45	DWR
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1133241	1	07/01/18 08:58	07/03/18 14:36	LRL
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1134233	1	07/09/18 17:03	07/10/18 16:33	MTJ
			Collected by	Collected date/time	Received date/time
NSW-2 (5') L1006198-03 Solid			Clint Merritt	06/27/18 13:10	06/30/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1134517	1	07/06/18 14:26	07/06/18 14:34	JD
Wet Chemistry by Method 9056A	WG1132549	1	07/08/18 15:01	07/08/18 17:33	DR
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1135170	1	07/01/18 08:58	07/09/18 01:07	DWR
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1133241	1	07/01/18 08:58	07/03/18 14:55	LRL
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1134233	5	07/09/18 17:03	07/10/18 18:07	MTJ
			Collected by	Collected date/time	Received date/time
WSW-1(6') L1006198-04 Solid			Clint Merritt	06/27/18 13:30	06/30/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1134518	1	07/09/18 10:22	07/09/18 10:29	JD
Wet Chemistry by Method 9056A	WG1132549	1	07/08/18 15:01	07/08/18 17:43	DR
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1135170	1	07/01/18 08:58	07/09/18 01:28	DWR
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1133241	1	07/01/18 08:58	07/03/18 15:14	LRL
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1134233	1	07/09/18 17:03	07/10/18 17:40	MTJ
			Collected by	Collected date/time	Received date/time
AH-2 (0-6') L1006198-05 Solid			Clint Merritt	06/28/18 08:30	06/30/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1134518	1	07/09/18 10:22	07/09/18 10:29	JD
Wet Chemistry by Method 9056A	WG1132549	1	07/08/18 15:01	07/08/18 17:52	DR
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1135369	1	07/01/18 08:58	07/09/18 13:33	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1133241	1	07/01/18 08:58	07/03/18 15:33	LRL
Carri Malatila Comania Carria de (CC) las Matha d COME	1110440 4000	4	07/00/40 47 00	07/40/40 45 50	NAT I



















Semi-Volatile Organic Compounds (GC) by Method 8015

WG1134233

07/09/18 17:03

07/10/18 15:50

MTJ

SAMPLE SUMMARY

AH-3 (0-6') L1006198-06 Solid			Collected by Clint Merritt	Collected date/time 06/28/18 08:35	Received date/time 06/30/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1134518	1	07/09/18 10:22	07/09/18 10:29	JD
Wet Chemistry by Method 9056A	WG1132549	1	07/08/18 15:01	07/08/18 18:11	DR
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1135369	1	07/01/18 08:58	07/09/18 13:56	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1133241	1	07/01/18 08:58	07/03/18 15:51	LRL
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1134233	1	07/09/18 17:03	07/10/18 16:46	MTJ
			Collected by	Collected date/time	Received date/time
AH-2 (6"-1') L1006198-07 Solid			Clint Merritt	06/28/18 11:00	06/30/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1134518	1	07/09/18 10:22	07/09/18 10:29	JD
Wet Chemistry by Method 9056A	WG1132549	1	07/08/18 15:01	07/08/18 18:40	DR
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1135369	1	07/01/18 08:58	07/09/18 14:20	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1133241	1	07/01/18 08:58	07/03/18 16:11	LRL
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1134233	1	07/09/18 17:03	07/10/18 16:03	MTJ
AH-3 (6"-1") L1006198-08 Solid			Collected by Clint Merritt	Collected date/time 06/28/18 11:05	Received date/time 06/30/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1134518	1	07/09/18 10:22	07/09/18 10:29	JD
Wet Chemistry by Method 9056A	WG1132549	1	07/08/18 15:01	07/08/18 18:49	DR
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1135369	1	07/01/18 08:58	07/09/18 14:44	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1133241	1	07/01/18 08:58	07/03/18 16:30	LRL
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1134233	1	07/09/18 17:03	07/10/18 17:27	MTJ
			Collected by	Collected date/time	Received date/time
NSW-4 L1006198-09 Solid			Clint Merritt	06/28/18 14:50	06/30/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1134518	1	07/09/18 10:22	07/09/18 10:29	JD
Wet Chemistry by Method 9056A	WG1132549	1	07/08/18 15:01	07/08/18 18:59	DR
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1135369	1	07/01/18 08:58	07/09/18 15:08	ВМВ
Volatile Organic Compounds (GC/MS) by Method 8260B Semi-Volatile Organic Compounds (GC) by Method 8015	WG1133241 WG1134233	1 1	07/01/18 08:58 07/09/18 17:03	07/03/18 16:49 07/10/18 17:00	LRL MTJ
SSW-4 L1006198-10 Solid			Collected by Clint Merritt	Collected date/time 06/28/18 14:55	Received date/time 06/30/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
	_0.0		date/time	date/time	
Total Solids by Method 2540 G-2011	WG1134518	1	07/09/18 10:22	07/09/18 10:29	JD
Wet Chemistry by Method 9056A	WG1132549	1	07/08/18 15:01	07/08/18 19:09	DR
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1135369	1	07/01/18 08:58	07/09/18 15:31	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1133241	1	07/01/18 08:58	07/03/18 17:08	LRL
6 : 1/ :: 0	1410440 4000	4	07/00/40 47 00	07/10/10 17 10	MTI



















Semi-Volatile Organic Compounds (GC) by Method 8015

WG1134233

07/09/18 17:03

07/10/18 17:13

MTJ

SAMPLE SUMMARY

			Collected by	Collected date/time	Received date/time
AH-4 (2-3) L1006198-12 Solid			Clint Merritt	06/28/18 15:00	06/30/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
	Secon	Sildion	date/time	date/time	riidiyət
Total Solids by Method 2540 G-2011	WG1135215	1	07/09/18 14:16	07/09/18 14:31	JAV
Wet Chemistry by Method 9056A	WG1132549	1	07/08/18 15:01	07/08/18 21:31	MCG
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1136581	1	07/01/18 11:25	07/11/18 19:33	DWR
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1136557	1	07/01/18 11:25	07/11/18 23:50	ACG
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1134126	20	07/07/18 00:08	07/09/18 00:30	MG
			Collected by	Collected date/time	Received date/time
NSW-1 (25) L1006198-13 Solid			Clint Merritt	06/28/18 15:05	06/30/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1135215	1	07/09/18 14:16	07/09/18 14:31	JAV
Wet Chemistry by Method 9056A	WG1132401	5	07/01/18 14:08	07/04/18 00:19	MCG
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1136581	1	07/01/18 11:25	07/11/18 19:54	DWR
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1136557	1	07/01/18 11:25	07/12/18 00:08	ACG
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1134126	1	07/07/18 00:08	07/07/18 17:51	MG
			Collected by	Collected date/time	Received date/time
NSW-1 (30) L1006198-14 Solid			Clint Merritt	06/28/18 17:00	06/30/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1135215	1	07/09/18 14:16	07/09/18 14:31	JAV
Wet Chemistry by Method 9056A	WG1132401	1	07/01/18 14:08	07/04/18 00:28	MCG
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1136581	1	07/01/18 11:25	07/11/18 20:16	DWR
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1136557	1	07/01/18 11:25	07/12/18 00:27	ACG
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1134126	1	07/07/18 00:08	07/07/18 18:45	MG
			Collected by	Collected date/time	Received date/time
NSW-11 L1006198-15 Solid			Clint Merritt	06/28/18 00:00	06/30/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1135215	1	07/09/18 14:16	07/09/18 14:31	JAV
Wet Chemistry by Method 9056A	WG1132401	1	07/01/18 14:08	07/04/18 00:38	MCG
V I W O I O I O I O I O O I O O O I O O O O	11104400504		07/04/40 44 05	07/44/40 00 00	DILLE

WG1136581

WG1136557

WG1134126



















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

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

Semi-Volatile Organic Compounds (GC) by Method 8015

07/01/18 11:25

07/01/18 11:25

07/07/18 00:08

1

07/11/18 20:38

07/12/18 00:45

07/07/18 18:31

DWR

ACG

 MG

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 radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. 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



















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SAMPLE RESULTS - 01

Collected date/time: 06/27/18 13:00

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	89.6		1	07/06/2018 14:34	WG1134517



Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	2040		4.44	55.8	5	07/08/2018 17:15	WG1132549



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	0.0879	J	0.0242	0.112	1	07/09/2018 00:23	WG1135170
(S) a,a,a-Trifluorotoluene(FID)	98.7			77.0-120		07/09/2018 00:23	WG1135170



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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		0.000447	0.00112	1	07/03/2018 14:17	WG1133241
Toluene	U		0.00140	0.00558	1	07/03/2018 14:17	WG1133241
Ethylbenzene	U		0.000592	0.00279	1	07/03/2018 14:17	WG1133241
Total Xylenes	U		0.00534	0.00726	1	07/03/2018 14:17	WG1133241
(S) Toluene-d8	109			80.0-120		07/03/2018 14:17	WG1133241
(S) Dibromofluoromethane	91.9			74.0-131		07/03/2018 14:17	WG1133241
(S) a,a,a-Trifluorotoluene	108			80.0-120		07/03/2018 14:17	WG1133241
(S) 4-Bromofluorobenzene	88.4			64.0-132		07/03/2018 14:17	WG1133241



Sc

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	6.79		1.80	4.47	1	07/10/2018 16:17	WG1134233
C28-C40 Oil Range	13.7		0.306	4.47	1	07/10/2018 16:17	WG1134233
(S) o-Terphenyl	88.9			18.0-148		07/10/2018 16:17	WG1134233

ONE LAB. NA Page 70 of 213

SAMPLE RESULTS - 02

Collected date/time: 06/27/18 13:05

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	98.1		1	07/06/2018 14:34	WG1134517



Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	<u>Batch</u>
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	132		0.811	10.2	1	07/08/2018 17:24	WG1132549



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	0.134		0.0221	0.102	1	07/09/2018 00:45	WG1135170
(S) a,a,a-Trifluorotoluene(FID)	101			77.0-120		07/09/2018 00:45	<u>WG1135170</u>



СQс

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

_								
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	۱ -
Analyte	mg/kg		mg/kg	mg/kg		date / time		
Benzene	U		0.000408	0.00102	1	07/03/2018 14:36	WG1133241	_ [
Toluene	U		0.00127	0.00510	1	07/03/2018 14:36	WG1133241	
Ethylbenzene	U		0.000540	0.00255	1	07/03/2018 14:36	WG1133241	
Total Xylenes	U		0.00487	0.00663	1	07/03/2018 14:36	WG1133241	
(S) Toluene-d8	109			80.0-120		07/03/2018 14:36	WG1133241	
(S) Dibromofluoromethane	98.2			74.0-131		07/03/2018 14:36	WG1133241	
(S) a,a,a-Trifluorotoluene	108			80.0-120		07/03/2018 14:36	WG1133241	
(S) 4-Bromofluorobenzene	87.4			64.0-132		07/03/2018 14:36	WG1133241	

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	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	9.81		1.64	4.08	1	07/10/2018 16:33	WG1134233
C28-C40 Oil Range	24.2		0.279	4.08	1	07/10/2018 16:33	WG1134233
(S) o-Terphenyl	80.3			18.0-148		07/10/2018 16:33	WG1134233

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SAMPLE RESULTS - 03

Collected date/time: 06/27/18 13:10

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	89.5		1	07/06/2018 14:34	WG1134517



Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	159		0.888	11.2	1	07/08/2018 17:33	WG1132549



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	0.121		0.0243	0.112	1	07/09/2018 01:07	WG1135170
(S) a,a,a-Trifluorotoluene(FID)	98.8			77.0-120		07/09/2018 01:07	<u>WG1135170</u>



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

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	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000447	0.00112	1	07/03/2018 14:55	WG1133241
Toluene	U		0.00140	0.00559	1	07/03/2018 14:55	WG1133241
Ethylbenzene	U		0.000592	0.00279	1	07/03/2018 14:55	WG1133241
Total Xylenes	U		0.00534	0.00726	1	07/03/2018 14:55	WG1133241
(S) Toluene-d8	116			80.0-120		07/03/2018 14:55	WG1133241
(S) Dibromofluoromethane	85.9			74.0-131		07/03/2018 14:55	WG1133241
(S) a,a,a-Trifluorotoluene	110			80.0-120		07/03/2018 14:55	WG1133241
(S) 4-Bromofluorobenzene	99.9			64.0-132		07/03/2018 14:55	WG1133241



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	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	41.4		9.00	22.4	5	07/10/2018 18:07	WG1134233
C28-C40 Oil Range	177		1.53	22.4	5	07/10/2018 18:07	WG1134233
(S) o-Terphenyl	115			18.0-148		07/10/2018 18:07	WG1134233

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SAMPLE RESULTS - 04

Collected date/time: 06/27/18 13:30

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	97.7		1	07/09/2018 10:29	WG1134518

Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	<u>Batch</u>
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	470		0.814	10.2	1	07/08/2018 17:43	WG1132549



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	0.0942	<u>J</u>	0.0222	0.102	1	07/09/2018 01:28	WG1135170
(S) a,a,a-Trifluorotoluene(FID)	95.5			77.0-120		07/09/2018 01:28	WG1135170



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

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	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg	mg/kg		date / time		
Benzene	0.000560	<u>J</u>	0.000410	0.00102	1	07/03/2018 15:14	WG1133241	
Toluene	0.00370	<u>J</u>	0.00128	0.00512	1	07/03/2018 15:14	WG1133241	
Ethylbenzene	U		0.000543	0.00256	1	07/03/2018 15:14	WG1133241	
Total Xylenes	U		0.00489	0.00666	1	07/03/2018 15:14	WG1133241	
(S) Toluene-d8	108			80.0-120		07/03/2018 15:14	WG1133241	
(S) Dibromofluoromethane	98.3			74.0-131		07/03/2018 15:14	WG1133241	
(S) a,a,a-Trifluorotoluene	108			80.0-120		07/03/2018 15:14	WG1133241	
(S) 4-Bromofluorobenzene	90.9			64.0-132		07/03/2018 15:14	WG1133241	



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	90.5		1.65	4.10	1	07/10/2018 17:40	WG1134233
C28-C40 Oil Range	113		0.281	4.10	1	07/10/2018 17:40	WG1134233
(S) o-Terphenyl	73.4			18.0-148		07/10/2018 17:40	WG1134233

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SAMPLE RESULTS - 05

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	89.5		1	07/09/2018 10:29	WG1134518



Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	158		0.888	11.2	1	07/08/2018 17:52	WG1132549



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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	0.0667	J	0.0242	0.112	1	07/09/2018 13:33	WG1135369
(S) a,a,a-Trifluorotoluene(FID)	97.4			77.0-120		07/09/2018 13:33	WG1135369



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

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	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000447	0.00112	1	07/03/2018 15:33	WG1133241
Toluene	U		0.00140	0.00559	1	07/03/2018 15:33	WG1133241
Ethylbenzene	U		0.000592	0.00279	1	07/03/2018 15:33	WG1133241
Total Xylenes	U		0.00534	0.00726	1	07/03/2018 15:33	WG1133241
(S) Toluene-d8	107			80.0-120		07/03/2018 15:33	WG1133241
(S) Dibromofluoromethane	90.7			74.0-131		07/03/2018 15:33	WG1133241
(S) a,a,a-Trifluorotoluene	113			80.0-120		07/03/2018 15:33	WG1133241
(S) 4-Bromofluorobenzene	96.5			64.0-132		07/03/2018 15:33	WG1133241



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	2.60	J	1.80	4.47	1	07/10/2018 15:50	WG1134233
C28-C40 Oil Range	5.88		0.306	4.47	1	07/10/2018 15:50	WG1134233
(S) o-Terphenyl	<i>75.3</i>			18.0-148		07/10/2018 15:50	WG1134233

ConocoPhillips - Tetra Tech

SAMPLE RESULTS - 06

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Collected date/time: 06/28/18 08:35

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	90.1		1	07/09/2018 10:29	<u>WG1134518</u>



Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	40.7		0.882	11.1	1	07/08/2018 18:11	WG1132549



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	0.0634	<u>J</u>	0.0241	0.111	1	07/09/2018 13:56	WG1135369
(S) a,a,a-Trifluorotoluene(FID)	98.0			77.0-120		07/09/2018 13:56	WG1135369



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

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	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg	mg/kg		date / time		
Benzene	U		0.000444	0.00111	1	07/03/2018 15:51	WG1133241	
Toluene	U		0.00139	0.00555	1	07/03/2018 15:51	WG1133241	
Ethylbenzene	U		0.000588	0.00277	1	07/03/2018 15:51	WG1133241	
Total Xylenes	U		0.00531	0.00721	1	07/03/2018 15:51	WG1133241	
(S) Toluene-d8	111			80.0-120		07/03/2018 15:51	WG1133241	
(S) Dibromofluoromethane	87.9			74.0-131		07/03/2018 15:51	WG1133241	
(S) a,a,a-Trifluorotoluene	109			80.0-120		07/03/2018 15:51	WG1133241	
(S) 4-Rromofluorobenzene	971			64 0-132		07/03/2018 15:51	WG1133241	



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	10.1		1.79	4.44	1	07/10/2018 16:46	WG1134233
C28-C40 Oil Range	30.9		0.304	4.44	1	07/10/2018 16:46	WG1134233
(S) o-Terphenyl	87.3			18.0-148		07/10/2018 16:46	WG1134233

ConocoPhillips - Tetra Tech

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SAMPLE RESULTS - 07

Collected date/time: 06/28/18 11:00

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	90.2		1	07/09/2018 10:29	WG1134518



Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	482		0.882	11.1	1	07/08/2018 18:40	WG1132549



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	0.0583	J	0.0241	0.111	1	07/09/2018 14:20	WG1135369
(S) a,a,a-Trifluorotoluene(FID)	97.7			77.0-120		07/09/2018 14:20	<u>WG1135369</u>



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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		0.000444	0.00111	1	07/03/2018 16:11	WG1133241
Toluene	U		0.00139	0.00554	1	07/03/2018 16:11	WG1133241
Ethylbenzene	U		0.000588	0.00277	1	07/03/2018 16:11	WG1133241
Total Xylenes	U		0.00530	0.00721	1	07/03/2018 16:11	WG1133241
(S) Toluene-d8	108			80.0-120		07/03/2018 16:11	WG1133241
(S) Dibromofluoromethane	99.0			74.0-131		07/03/2018 16:11	WG1133241
(S) a,a,a-Trifluorotoluene	109			80.0-120		07/03/2018 16:11	WG1133241
(S) 4-Bromofluorobenzene	92.1			64.0-132		07/03/2018 16:11	WG1133241



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	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	4.00	<u>J</u>	1.79	4.44	1	07/10/2018 16:03	WG1134233
C28-C40 Oil Range	8.93		0.304	4.44	1	07/10/2018 16:03	WG1134233
(S) o-Terphenyl	74.3			18.0-148		07/10/2018 16:03	WG1134233

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SAMPLE RESULTS - 08

Collected date/time: 06/28/18 11:05

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	82.3		1	07/09/2018 10:29	WG1134518



Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	48.0		0.966	12.2	1	07/08/2018 18:49	WG1132549



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	0.0530	<u>J</u>	0.0264	0.122	1	07/09/2018 14:44	WG1135369
(S) a,a,a-Trifluorotoluene(FID)	99.0			77.0-120		07/09/2018 14:44	WG1135369



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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	<u>Batch</u>
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000486	0.00122	1	07/03/2018 16:30	WG1133241
Toluene	U		0.00152	0.00608	1	07/03/2018 16:30	WG1133241
Ethylbenzene	U		0.000644	0.00304	1	07/03/2018 16:30	WG1133241
Total Xylenes	U		0.00581	0.00790	1	07/03/2018 16:30	WG1133241
(S) Toluene-d8	111			80.0-120		07/03/2018 16:30	WG1133241
(S) Dibromofluoromethane	87.4			74.0-131		07/03/2018 16:30	WG1133241
(S) a,a,a-Trifluorotoluene	115			80.0-120		07/03/2018 16:30	WG1133241
(S) 4-Bromofluorobenzene	97.4			64.0-132		07/03/2018 16:30	WG1133241



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	21.6		1.96	4.86	1	07/10/2018 17:27	WG1134233
C28-C40 Oil Range	55.1		0.333	4.86	1	07/10/2018 17:27	WG1134233
(S) o-Terphenyl	77.3			18.0-148		07/10/2018 17:27	WG1134233

SAMPLE RESULTS - 09

Collected date/time: 06/28/18 14:50

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	90.2		1	07/09/2018 10:29	<u>WG1134518</u>



Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	78.9		0.882	11.1	1	07/08/2018 18:59	WG1132549



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	0.108	<u>J</u>	0.0241	0.111	1	07/09/2018 15:08	WG1135369
(S) a,a,a-Trifluorotoluene(FID)	95.9			77.0-120		07/09/2018 15:08	WG1135369



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

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	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	<u>Batch</u>
Analyte	mg/kg		mg/kg	mg/kg		date / time	
enzene	U		0.000444	0.00111	1	07/03/2018 16:49	WG1133241
uene	U		0.00139	0.00555	1	07/03/2018 16:49	WG1133241
ylbenzene	U		0.000588	0.00277	1	07/03/2018 16:49	WG1133241
al Xylenes	U		0.00530	0.00721	1	07/03/2018 16:49	WG1133241
) Toluene-d8	109			80.0-120		07/03/2018 16:49	WG1133241
6) Dibromofluoromethane	99.5			74.0-131		07/03/2018 16:49	WG1133241
S) a,a,a-Trifluorotoluene	111			80.0-120		07/03/2018 16:49	WG1133241
6) 4-Bromofluorobenzene	91.6			64.0-132		07/03/2018 16:49	WG1133241



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	8.77		1.79	4.44	1	07/10/2018 17:00	WG1134233
C28-C40 Oil Range	34.2		0.304	4.44	1	07/10/2018 17:00	WG1134233
(S) o-Terphenyl	79.2			18.0-148		07/10/2018 17:00	WG1134233

Collected date/time: 06/28/18 14:55

SAMPLE RESULTS - 10

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Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	93.2		1	07/09/2018 10:29	<u>WG1134518</u>



Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	77.6		0.853	10.7	1	07/08/2018 19:09	WG1132549



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	0.124		0.0233	0.107	1	07/09/2018 15:31	WG1135369
(S) a,a,a-Trifluorotoluene(FID)	95.8			77.0-120		07/09/2018 15:31	WG1135369



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

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	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000429	0.00107	1	07/03/2018 17:08	WG1133241
Toluene	U		0.00134	0.00537	1	07/03/2018 17:08	WG1133241
Ethylbenzene	U		0.000569	0.00268	1	07/03/2018 17:08	WG1133241
Total Xylenes	U		0.00513	0.00698	1	07/03/2018 17:08	WG1133241
(S) Toluene-d8	108			80.0-120		07/03/2018 17:08	WG1133241
(S) Dibromofluoromethane	98.0			74.0-131		07/03/2018 17:08	WG1133241
(S) a,a,a-Trifluorotoluene	109			80.0-120		07/03/2018 17:08	WG1133241
(S) 4-Bromofluorobenzene	911			64 0-132		07/03/2018 17:08	WG1133241



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	9.63		1.73	4.29	1	07/10/2018 17:13	WG1134233
C28-C40 Oil Range	38.0		0.294	4.29	1	07/10/2018 17:13	WG1134233
(S) o-Terphenyl	85.1			18.0-148		07/10/2018 17:13	WG1134233







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SAMPLE RESULTS - 12

Collected date/time: 06/28/18 15:00

Total Solids by Method 2540 G-2011

	Res	sult	Qualifier	Dilution	Analysis	Batch	
Analyte	%				date / time		
Total Solids	92.	5		1	07/09/2018 14:31	WG1135215	



Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	317		0.860	10.8	1	07/08/2018 21:31	WG1132549



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	0.0281	J	0.0235	0.108	1	07/11/2018 19:33	WG1136581
(S) a,a,a-Trifluorotoluene(FID)	99.9			77.0-120		07/11/2018 19:33	WG1136581



СQс

Gl

Cn

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	0.000663	<u>J</u>	0.000433	0.00108	1	07/11/2018 23:50	WG1136557
Toluene	0.00138	<u>J</u>	0.00135	0.00541	1	07/11/2018 23:50	WG1136557
Ethylbenzene	U		0.000573	0.00270	1	07/11/2018 23:50	WG1136557
Total Xylenes	U		0.00517	0.00703	1	07/11/2018 23:50	WG1136557
(S) Toluene-d8	105			80.0-120		07/11/2018 23:50	WG1136557
(S) Dibromofluoromethane	98.3			74.0-131		07/11/2018 23:50	WG1136557
(S) a,a,a-Trifluorotoluene	103			80.0-120		07/11/2018 23:50	WG1136557
(S) 4-Bromofluorobenzene	106			64.0-132		07/11/2018 23:50	WG1136557

Sc

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	1800		34.8	86.5	20	07/09/2018 00:30	WG1134126
C28-C40 Oil Range	1650		5.93	86.5	20	07/09/2018 00:30	WG1134126
(S) o-Terphenyl	1.01	J7		18.0-148		07/09/2018 00:30	WG1134126

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SAMPLE RESULTS - 13

Collected date/time: 06/28/18 15:05

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	98.0		1	07/09/2018 14:31	WG1135215



Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	1910		4.06	51.0	5	07/04/2018 00:19	WG1132401



Cn

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		0.0221	0.102	1	07/11/2018 19:54	WG1136581
(S) a,a,a-Trifluorotoluene(FID)	99.5			77.0-120		07/11/2018 19:54	WG1136581



СQс

Gl

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

9		, ,	,				
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.000457	<u>J</u>	0.000408	0.00102	1	07/12/2018 00:08	WG1136557
Toluene	U		0.00127	0.00510	1	07/12/2018 00:08	WG1136557
Ethylbenzene	U		0.000541	0.00255	1	07/12/2018 00:08	WG1136557
Total Xylenes	U		0.00488	0.00663	1	07/12/2018 00:08	WG1136557
(S) Toluene-d8	105			80.0-120		07/12/2018 00:08	WG1136557
(S) Dibromofluoromethane	94.8			74.0-131		07/12/2018 00:08	WG1136557
(S) a,a,a-Trifluorotoluene	105			80.0-120		07/12/2018 00:08	WG1136557
(S) 4-Bromofluorobenzene	108			64 0-132		07/12/2018 00:08	WG1136557



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	4.94		1.64	4.08	1	07/07/2018 17:51	WG1134126
C28-C40 Oil Range	4.13		0.279	4.08	1	07/07/2018 17:51	WG1134126
(S) o-Terphenyl	<i>77.7</i>			18.0-148		07/07/2018 17:51	WG1134126

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SAMPLE RESULTS - 14

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	94.6		1	07/09/2018 14:31	<u>WG1135215</u>



Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	489		0.840	10.6	1	07/04/2018 00:28	WG1132401



Cn

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		0.0229	0.106	1	07/11/2018 20:16	WG1136581
(S) a,a,a-Trifluorotoluene(FID)	101			77.0-120		07/11/2018 20:16	WG1136581



СQс

Gl

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	<u>Batch</u>
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000423	0.00106	1	07/12/2018 00:27	WG1136557
Toluene	U		0.00132	0.00529	1	07/12/2018 00:27	WG1136557
Ethylbenzene	U		0.000560	0.00264	1	07/12/2018 00:27	WG1136557
Total Xylenes	U		0.00505	0.00687	1	07/12/2018 00:27	WG1136557
(S) Toluene-d8	104			80.0-120		07/12/2018 00:27	WG1136557
(S) Dibromofluoromethane	96.1			74.0-131		07/12/2018 00:27	WG1136557
(S) a,a,a-Trifluorotoluene	104			80.0-120		07/12/2018 00:27	WG1136557
(S) 4-Bromofluorobenzene	106			64.0-132		07/12/2018 00:27	WG1136557



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	2.29	<u>J</u>	1.70	4.23	1	07/07/2018 18:45	WG1134126
C28-C40 Oil Range	6.54		0.290	4.23	1	07/07/2018 18:45	WG1134126
(S) o-Terphenyl	82.0			18.0-148		07/07/2018 18:45	WG1134126

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SAMPLE RESULTS - 15

Collected date/time: 06/28/18 00:00

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	
Analyte	%			date / time		
Total Solids	80.7		1	07/09/2018 14:31	WG1135215	



Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Chloride	438		0.985	12.4	1	07/04/2018 00:38	WG1132401



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	0.0281	J	0.0269	0.124	1	07/11/2018 20:38	WG1136581
(S) a,a,a-Trifluorotoluene(FID)	99.0			77.0-120		07/11/2018 20:38	<u>WG1136581</u>



СQс

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Cn

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	0.000730	<u>J</u>	0.000496	0.00124	1	07/12/2018 00:45	WG1136557
Toluene	0.00208	<u>J</u>	0.00155	0.00619	1	07/12/2018 00:45	WG1136557
Ethylbenzene	0.000852	<u>J</u>	0.000657	0.00310	1	07/12/2018 00:45	WG1136557
Total Xylenes	U		0.00592	0.00805	1	07/12/2018 00:45	WG1136557
(S) Toluene-d8	107			80.0-120		07/12/2018 00:45	WG1136557
(S) Dibromofluoromethane	92.3			74.0-131		07/12/2018 00:45	WG1136557
(S) a,a,a-Trifluorotoluene	102			80.0-120		07/12/2018 00:45	WG1136557
(S) 4-Bromofluorobenzene	106			64.0-132		07/12/2018 00:45	WG1136557



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	14.7		1.99	4.96	1	07/07/2018 18:31	WG1134126
C28-C40 Oil Range	18.4		0.339	4.96	1	07/07/2018 18:31	WG1134126
(S) o-Terphenyl	67.1			18.0-148		07/07/2018 18:31	WG1134126

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Total Solids by Method 2540 G-2011 L1006198-01,02,03

Total Solids by Method 2540 G-201

Method Blank (MB)

 MB Result
 MB Qualifier
 MB MDL
 MB RDL

 Analyte
 %
 %

 Total Solids
 0.00100

²Tc

L1006198-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1006198-01 07/06/18 14:34 • (DUP) R3323757-3 07/06/18 14:34

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	89.6	89.6	1	0.00692		5



6 GC

Laboratory Control Sample (LCS)

(LCS) R3323757-2 07/06/18 14:34

(LC3) K3323737-2 077007	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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L1006198-04,05,06,07,08,09,10 Total Solids by Method 2540 G-2011

Method Blank (MB)

(MB) R3324277-1 (07/09/18 10:29			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.00100			

L1006198-11 Original Sample (OS) • Duplicate (DUP)

(OS) I 1006198-11	07/09/18 10:29	(DUP) R3324277-3	07/09/18 10·29
(03) [1000130-11	07/03/10 10.23	(DOI) N3327277-3	07/03/10 10.23

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	83.7	84.1	1	0.427		5



Laboratory Control Sample (LCS)

(LCS) R3324277-2 07/09/18 10:29

(LCS) R3324277-2 07/09/	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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Total Solids by Method 2540 G-2011

L1006198-12,13,14,15

Method	Blank	(MB)
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(MB) R3324232-1 07/09	/18 14:31			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.00100			



Ss

L1006310-01 Original Sample (OS) • Duplicate (DUP)

(OC) 1 100	10010 01	07/00/40	11.01		$D \cap C \cap A \cap C \cap C$	07/00/10 11/01
(().5) (()()	M.51U-U1	07/09/18	14:31 •	ロルカピ	R.5.5.747.575	07/09/18 14:31

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits	
Analyte	%	%		%		%	
Total Solids	99.5	99.5	1	0.0205		5	



Laboratory Control Sample (LCS)

(LCS) R3324232-2 07/09/18 14:31

(LCS) R3324232-2 07/09/	/18 14:31 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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L1006198-13,14,15

Wet Chemistry by Method 9056A Method Blank (MB)

(MB) R3323080-1 07/03/	18 17:47			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Chloride	U		0.795	10.0







L1005202-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1005202-01 07/03/1	8 23:03 • (DUP) R3323080-4	07/03/18	23:12		
	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chloride	54.0	54.9	1	1.72		15







(I, CS) R3323080-2, 07/03/18 17:57 • (I, CSD) R3323080-3, 07/03/18 18:06

(200) ((0020000 2 077007	.0 (2002	,	077007101010							
	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	%	%	%			%	%
Chloride	200	196	198	98.2	98.8	80 0-120			0.532	15





L1005202-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) 11005202-02 07/03/18 23:22 • (MS) P3323080-5 07/03/18 23:31 • (MSD) P3323080-6 07/03/18 23:41

(03) 11003202 02 0770	,	•	MS 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	520	51.9	555	580	96.8	102	1	80.0-120			4.32	15

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Wet Chemistry by Method 9056A

L1006198-01,02,03,04,05,06,07,08,09,10,12

Method Blank (MB)

(MB) R3324121-1 07/08/1	8 16:28			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Chloride	U		0.795	10.0







L1006198-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1006198-05 07/08/18	3 17:52 • (DUP)	R3324121-4 0	7/08/18 18	3:02		
	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chloride	158	168	1	6.05		15







(OS) I 1006220-07 07/08/18 21:03 • (DLIP) P332/1121-7 07/08/18 21:12

(03) 11000220-07 07/08	0/10 Z1.03 • (DUF) K3324121-7	07/06/16 2	21.12			
	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits	
Analyte	mg/kg	mg/kg		%		%	
Chloride	125	133	1	5.80		15	





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

(LCS) R3324121-2 07/08/18	3 16:38 • (LCSD) R3324121-3 C	07/08/18 16:47						
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%

RPD Limits % 80.0-120 Chloride 200 186 187 92.9 93.7 0.779 15

L1006220-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) I 1006220-02 07/08/18 19:37 • (MS) P3324121-5 07/08/18 19:47 • (MSD) P3324121-6 07/08/18 19:56

(03) 11000220-02 0	//00/10 13.5/ • (IVIS	113324121-3 0	7700/10 13.47	(10130) 133241	21-0 07/00/10	13.30							
	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	532	124	611	599	91.6	89.2	1	80.0-120			2.06	15	

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

L1006198-01,02,03,04

Method Blank (MB)

(MB) R3323961-3 07/08/	18 23:32			
	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)	103			77.0-120

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

(LCS) R3323961-1 07/08/1	8 22:27 • (LCSE	D) R3323961-2	07/08/18 22:4	19						
	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	6.13	6.69	112	122	70.0-136			8.68	20
(S) a,a,a-Trifluorotoluene(FID)				98.8	99.2	77.0-120				





L1006672-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

10	S) I 1006672 08	07/09/18 07:19 • (1	MC) D3333061 /	07/09/19 07:41 -	(MACD	D3333061 E	07/09/19 09:03
10	3) L10000/2-00	0//09/10 0/.19 • (1	M3) K33Z3301-4	0//03/10 0/.41	IIVISD	1 43323301-3	07/09/10 00.03

(OS) L10066/2-08 07/09	9/18 07:19 • (MS)	R3323961-4 0	//09/18 07:41	• (MSD) R3323	961-5 0//09/	18 08:03						
	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	%	%		%			%	%
TPH (GC/FID) Low Fraction	5.50	183	238	265	40.1	59.8	25	10.0-147			10.7	30
(S) a,a,a-Trifluorotoluene(FID)					107	111		77.0-120				





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

L1006198-05,06,07,08,09,10

Method Blank (MB)

(MB) R3324194-3 07/09/1	18 11:58			
	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)	100			77.0-120

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

(LCS) R3324194-1 07/09/1	18 10:47 • (LCSD) R3324194-2	07/09/18 11:10							
	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	6.07	6.03	110	110	70.0-136			0.816	20
(S) a,a,a-Trifluorotoluene(FID)				106	106	77.0-120				









L1006546-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) I 1006546-01 07/09/18 17:31 • (MS) P3324194-4 07/09/18 20:41 • (MSD) P3324194-5 07/09/18 21:05

(03) 11000340-01 07/09	710 17.31 • (IVI3) R	(3324194-4 07)	103/10 20.41 • (M30/ K332413	14-5 07/09/10.	21.05							
	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	7.03	62.3	221	206	90.5	81.6	25	10.0-147			7.34	30	
(S) a.a.a-Trifluorotoluene(FID)					108	106		77.0-120					





ConocoPhillips - Tetra Tech

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

QUALITY CONTROL SUMMARY

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L1006198-12,13,14,15

Method Blank (MB)

(MB) R3324985-6 07/11/1	8 17:05			
	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)	104			77.0-120





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

(LCS) R3324985-4 07/11/1	8 16:02 • (LCSE) R3324985-5	5 07/11/18 16:23							
	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	5.70	5.59	104	102	70.0-136			1.95	20
(S) a,a,a-Trifluorotoluene(FID)				95.9	96.9	77.0-120				







L1007994-16 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

10	C) I 1007004 16	07/12/19 00:20	/N/C	D222400E 0	07/12/10 01:22	MICH) R3324985-10 07/12/18 01:53
10	3) LIUU/994-10	0//12/10 00.29 •	(IVI)) K3324903-9	0//12/10 01.32 •	(IVISD	1 K3324903-IU U//IZ/IO UI.33

(OS) L100/994-16 07/12/1	8 00:29 • (MS) F	3324985-9 0	1//12/18 01:32 •	• (MSD) R33249	185-10 07/12/18	3 01:53						
	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	%	%		%			%	%
TPH (GC/FID) Low Fraction	5.50	0.208	2.74	2.59	46.1	43.3	1	10.0-147			5.79	30
(S) a.a.a-Trifluorotoluene(FID)					98.9	99.2		77.0-120				







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

L1006198-01,02,03,04,05,06,07,08,09,10

Method Blank (MB)

(MB) R3323584-3 07/03/1	8 10:28			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Benzene	U		0.000400	0.00100
Ethylbenzene	U		0.000530	0.00250
Toluene	U		0.00125	0.00500
Xylenes, Total	U		0.00478	0.00650
(S) Toluene-d8	106			80.0-120
(S) Dibromofluoromethane	101			74.0-131
(S) a,a,a-Trifluorotoluene	107			80.0-120
(S) 4-Bromofluorobenzene	92.2			64.0-132



(LCS) R3323584-1 07/03	3/18 09:12 • (LCSI	D) R3323584-	2 07/03/18 09:	:31							
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits	L
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%	8
Benzene	0.125	0.108	0.113	86.0	90.8	71.0-124			5.35	20	
Ethylbenzene	0.125	0.128	0.120	103	96.3	77.0-120			6.51	20	
Toluene	0.125	0.133	0.127	107	101	70.0-120			5.07	20	
Xylenes, Total	0.375	0.336	0.322	89.6	85.9	77.0-120			4.26	20	L
(S) Toluene-d8				109	106	80.0-120					
(S) Dibromofluoromethane				92.4	83.0	74.0-131					
(S) a,a,a-Trifluorotoluene				119	112	80.0-120					
(S) 4-Bromofluorobenzene				98.5	90.1	64.0-132					

L1006198-11 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1006198-11 07/03/18 17:27 • (MS) R3323584-4 07/03/18 17:46 • (MSD) R3323584-5 07/03/18 18:04

	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	0.149	U	0.0890	0.0603	59.6	40.4	1	13.0-146		<u>J3</u>	38.5	27
Ethylbenzene	0.149	U	0.100	0.0696	67.0	46.6	1	10.0-147		<u>J3</u>	35.9	31
Toluene	0.149	U	0.111	0.0824	74.3	55.2	1	10.0-144		<u>J3</u>	29.5	28
Xylenes, Total	0.448	U	0.252	0.198	56.3	44.3	1	10.0-150			24.0	31
(S) Toluene-d8					109	117		80.0-120				
(S) Dibromofluoromethane					89.6	85.9		74.0-131				
(S) a,a,a-Trifluorotoluene					114	110		80.0-120				
(S) 4-Bromofluorobenzene					101	99.6		64.0-132				















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

L1006198-12,13,14,15

Method Blank (MB)

(MB) R3324975-2 07/11/18 22:28									
	MB Result	MB Qualifier	MB MDL	MB RDL					
Analyte	mg/kg		mg/kg	mg/kg					
Benzene	U		0.000400	0.00100					
Ethylbenzene	U		0.000530	0.00250					
Toluene	U		0.00125	0.00500					
Xylenes, Total	U		0.00478	0.00650					
(S) Toluene-d8	108			80.0-120					
(S) Dibromofluoromethane	97.1			74.0-131					
(S) a,a,a-Trifluorotoluene	107			80.0-120					
(S) 4-Bromofluorobenzene	106			64.0-132					



(LCS) R3324975-1 07/11/18 20:36									
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier				
Analyte	mg/kg	mg/kg	%	%					
Benzene	0.125	0.100	80.0	71.0-124					
Ethylbenzene	0.125	0.108	86.7	77.0-120					
Toluene	0.125	0.112	89.7	70.0-120					
Xylenes, Total	0.375	0.320	85.3	77.0-120					
(S) Toluene-d8			106	80.0-120					
(S) Dibromofluoromethane			97.6	74.0-131					
(S) a,a,a-Trifluorotoluene			109	80.0-120					
(S) 4-Bromofluorobenzene			103	64.0-132					

L1007996-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1007996-04 07/12/1	OS) L1007996-04 07/12/18 01:22 • (MS) R3324975-3 07/12/18 05:42 • (MSD) R3324975-4 07/12/18 06:01											
	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	%	%		%			%	%
Benzene	0.125	ND	0.125	0.118	99.8	94.0	1	13.0-146			5.91	27
Ethylbenzene	0.125	ND	0.127	0.123	102	98.5	1	10.0-147			3.19	31
Toluene	0.125	ND	0.138	0.133	110	107	1	10.0-144			3.38	28
Xylenes, Total	0.375	ND	0.384	0.365	102	97.3	1	10.0-150			5.07	31
(S) Toluene-d8					107	107		80.0-120				
(S) Dibromofluoromethane					95.7	92.1		74.0-131				
(S) a,a,a-Trifluorotoluene					103	103		80.0-120				
(S) 4-Bromofluorobenzene					107	106		64.0-132				















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Semi-Volatile Organic Compounds (GC) by Method 8015

L1006198-12,13,14,15

Method Blank (MB)

(MB) R3323839-1 07/0	7/18 16:16			
	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-Terphenvl	88.9			18.0-148









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

(LCS) R3323839-2 07/07/18 16:30 • (LCSD) R3323839-3 07/07/18 16:43										
	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	%	%	%			%	%
C10-C28 Diesel Range	50.0	46.0	45.8	91.9	91.6	50.0-150			0.371	20
(S) o-Terphenyl				104	101	18.0-148				











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Semi-Volatile Organic Compounds (GC) by Method 8015

L1006198-01,02,03,04,05,06,07,08,09,10

Method Blank (MB)

(MB) R3324462-1 07/10	(MB) R3324462-1 07/10/18 15:09						
	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	97.2			18.0-148			





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

(LCS) R3324462-2 07/10/18 15:23 • (LCSD) R3324462-3 07/10/18 15:36											
		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	%	%	%			%	%
	C10-C28 Diesel Range	50.0	49.1	44.8	98.1	89.6	50.0-150			9.11	20
	(S) o-Ternhenyl				103	98.7	18 0-148				











Guide to Reading and Understanding Your Laboratory Report

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

Abbreviations and Definitions

Abbreviations and	d 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.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
17	Surrogate recovery cannot be used for control limit evaluation due to dilution

























Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660
Alaska	17-026
Arizona	AZ0612
Arkansas	88-0469
California	2932
Colorado	TN00003
Connecticut	PH-0197
Florida	E87487
Georgia	NELAP
Georgia ¹	923
Idaho	TN00003
Illinois	200008
Indiana	C-TN-01
lowa	364
Kansas	E-10277
Kentucky ^{1 6}	90010
Kentucky ²	16
Louisiana	Al30792
Louisiana 1	LA180010
Maine	TN0002
Maryland	324
Massachusetts	M-TN003
Michigan	9958
Minnesota	047-999-395
Mississippi	TN00003
Missouri	340
Montana	CERT0086

Nebraska	NE-OS-15-05
Nevada	TN-03-2002-34
New Hampshire	2975
New Jersey-NELAP	TN002
New Mexico ¹	n/a
New York	11742
North Carolina	Env375
North Carolina ¹	DW21704
North Carolina ³	41
North Dakota	R-140
Ohio-VAP	CL0069
Oklahoma	9915
Oregon	TN200002
Pennsylvania	68-02979
Rhode Island	LAO00356
South Carolina	84004
South Dakota	n/a
Tennessee 1 4	2006
Texas	T 104704245-17-14
Texas ⁵	LAB0152
Utah	TN00003
Vermont	VT2006
Virginia	460132
Washington	C847
West Virginia	233
Wisconsin	9980939910
Wyoming	A2LA

Third Party Federal Accreditations

A2LA – ISO 17025	1461.01
A2LA – ISO 17025 ⁵	1461.02
Canada	1461.01
EPA-Crypto	TN00003

AIHA-LAP,LLC EMLAP	100789
DOD	1461.01
USDA	P330-15-00234

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

Our Locations

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



















eived by OCD: 6/8/2020 1:29	:36 PM	1 1	Billing Info	rmation;		TI			A	nalysis / Con	itainer / Preservative		Chain of Custody	Page 97 of
ConocoPhillips - Tetra 4001 N. Big Spring St., Ste. 401 Midland, TX 79705			4001 N.	s Payable Big Spring St I, TX 79705	., Ste. 401	P G								SC
Report to: Keyle Taylor			Email To:	City/State	ylar								52065 Lebenon Rd Mount Julier, TH 375 Phones 835-758-585 Phones 800-787-5855	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Project Description: ENGSAU 2	123-0	o l		Collected:	Lan Co NV	W							Fax. 613-758-5859	
Phone: 432-687-8137	Client Project	Ħ		tab Project #									L# /∞6 D02	
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immediately Packed on Ice N Y	Same Da Next Da	ay five in 5 Day	Day y (Rad Only)	Date R	esults Needed	No of	TPH	BTEX					Prelogin: TSR: 526 - Chris PB	McCord
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WSW-1657	-	22	-	6/27	13:00	1	X	X	X					27
NSW-3(5)	-	1	-	6/27	19:05	1	K	×	Ý.					~~
NSW- 2 (5')	-		-	6/27	12:10	1	K	X	X					~~
WSW-1 (6')	-		-	6/27	15:30)	X	X	×					phe
AH-2 (0-6")	-		-	6/28	08.30	1	1	X	×					~
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AH - 7 (6" - 1')	-		-	6/28	11:05	11	x	×	X					-07
NSW 4	-		-	4.8	14:50	1	X	X	×					- 24
SS W - 4	-	4	-	6/24	14:55	1	X	X	X					-10
	Remarks:								,	pH	TempOther	COC Seal COC Sign Bottles	ample Receipt Ch Present/Intect: ed/Accurate: air.ve intoct. bottles used:	ecklist
OW - Srinking Water OF - Other	Samples retu	(ned via: edEx Cod	uner		acking # 43	GO I	L87	7 7	939				ot volume sent: 1f Applicab) Headspace:	v
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Relinquished by : (Signature)		Dige		ne .	Received for lab or	a (Signa	ature)			bate: 4/30	11x 0845	Hold:		Condition

Non-Conformance (check applicable items)

Sample Integrity		Chain of Custody Clarification		
Parameter(s) past holding time	1	Lugin Clarification Needed		If Broken Container:
Improper temperature		Chain of custody is incomplete		Insufficient packing material around container
Improper container type	Ц	Please specify Metals requested	_	Insufficient packing material inside cooler
Improper preservation		Please specify TCLP requested		Improper handling by carrier (FedEx / UPS / Cour
Insufficient sample volume.		Received additional samples not listed on coc.		Sample was frozen
Sample is biphasic.		Sample ids on containers do not match ids on coc		Container lid not intact
Vials received with headspace.		Trip Blank not received	_	If no Chain of Custody:
Broken container		Client did not "X" analysis	_	Received by:
Broken container:		Chain of Custody is missing		Date/Time.
Sufficient sample remains				Temp./Cont. Rec./pH
	-			Carrier:
			_	Tracking# •

Logan Comments. TPH unspecified.

Client informed by.	Call	Email	Voice Mail	Date 7/2/18	Time:10.50	
TSR Initials:CM	Client Con	tact				

Login Instructions:

Log for GRO, DRORLA

This E-mail and any attached files are confidential, and may be copyright protected, if you are not the addressee, any dissemination of this communication is strictly prohibited if you have received this message in error, please contact the sender immediately and delete/destroy all information received.

Received by OCD: 6/8/2020 1:29:36 PM



ANALYTICAL REPORT

November 14, 2018

ConocoPhillips - Tetra Tech

Sample Delivery Group: L1042024 Samples Received: 11/07/2018

Project Number: 212C-MD-01236

EVGSAU 2923-001 Description:

2923-001 Site:

Report To: Kayla Taylor

4001 N. Big Spring St., Ste. 401

Midland, TX 79705

Entire Report Reviewed By:

Chris McCord

Project Manager Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace National is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	4
Sr: Sample Results	5
BH-4 (2'-3') L1042024-01	5
Qc: Quality Control Summary	6
Total Solids by Method 2540 G-2011	6
Wet Chemistry by Method 300.0	7
Volatile Organic Compounds (GC) by Method 8015D/GRO	8
Volatile Organic Compounds (GC/MS) by Method 8260B	9
Semi-Volatile Organic Compounds (GC) by Method 8015	10
GI: Glossary of Terms	11
Al: Accreditations & Locations	12
Sc: Sample Chain of Custody	13

















			Collected by	Collected date/time	Received date/time
BH-4 (2'-3') L1042024-01 Solid			Clint Merritt	11/05/18 12:45	11/07/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1195660	1	11/13/18 11:20	11/13/18 11:25	KBC
Wet Chemistry by Method 300.0	WG1193566	1	11/08/18 17:35	11/08/18 22:01	MCG
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1194421	1	11/08/18 09:44	11/10/18 13:19	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1193637	1	11/08/18 09:44	11/08/18 23:03	ACG
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1194745	1	11/10/18 16:50	11/12/18 19:32	AAT



















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.

















SAMPLE RESULTS - 01

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Collected date/time: 11/05/18 12:45

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	86.4		1	11/13/2018 11:25	<u>WG1195660</u>



Wet Chemistry by Method 300.0

	Result (dry)	Qualifier	SDL (dry)	Unadj. MQL	MQL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg	mg/kg		date / time	
Chloride	141		0.921	10.0	11.6	1	11/08/2018 22:01	WG1193566



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

	Result (dry)	Qualifier	SDL (dry)	Unadj. MQL	MQL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	0.109	J	0.0251	0.100	0.116	1	11/10/2018 13:19	WG1194421
(S) a,a,a-Trifluorotoluene(FID)	96.3				77.0-120		11/10/2018 13:19	WG1194421



СQс

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

	Result (dry)	Qualifier	SDL (dry)	Unadj. MQL	MQL (dry)	Dilution	Analysis	<u>Batch</u>
Analyte	mg/kg		mg/kg	mg/kg	mg/kg		date / time	
Benzene	U		0.000463	0.00100	0.00116	1	11/08/2018 23:03	WG1193637
Toluene	U		0.00145	0.00500	0.00579	1	11/08/2018 23:03	WG1193637
Ethylbenzene	U		0.000614	0.00250	0.00289	1	11/08/2018 23:03	WG1193637
Total Xylenes	U		0.00553	0.00650	0.00752	1	11/08/2018 23:03	WG1193637
(S) Toluene-d8	117				75.0-131		11/08/2018 23:03	WG1193637
(S) Dibromofluoromethane	85.2				65.0-129		11/08/2018 23:03	WG1193637
(S) a,a,a-Trifluorotoluene	115				80.0-120		11/08/2018 23:03	WG1193637
(S) 4-Bromofluorobenzene	95.0				67.0-138		11/08/2018 23:03	WG1193637



Gl

	•							
	Result (dry)	Qualifier	SDL (dry)	Unadj. MQL	MQL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	3.26	<u>J</u>	1.86	4.00	4.63	1	11/12/2018 19:32	WG1194745
C28-C40 Oil Range	7.42		0.317	4.00	4.63	1	11/12/2018 19:32	WG1194745
(S) o-Terphenyl	98.0				18.0-148		11/12/2018 19:32	WG1194745



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L1042024-01

Total Solids by Method 2540 G-2011

Method	Blank	(MB)
--------	-------	------

(MB) R3359643-1 11/13/18 11:25 MB RDL MB Result MB Qualifier MB MDL

Analyte % Total Solids 0.00100 %

%

%

0.149

L1042041-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1042041-01 11/13/18 11:25 • (DUP) R3359643-3 11/13/18 11:25

%

97.4

50.0

Original Result DUP Result

%

97.5

Dilution DUP RPD **DUP Qualifier**

DUP RPD Limits

%

10

Laboratory Control Sample (LCS)

(LCS) R3359643-2 11/13/18 11:25

Analyte

Analyte

Total Solids

Total Solids

Spike Amount LCS Result LCS Rec. % %

50.0

% 85.0-115

100

Rec. Limits LCS Qualifier

Ss

[†]Cn

[°]Qc

GI

ONE LAB. NA Page 106 of 213

Wet Chemistry by Method 300.0

L1042024-01

Method Blank (MB)

(MB) R3358374-1 11/08/18 19:30								
	MB Result	MB Qualifier	MB MDL	MB RDL				
Analyte	mg/kg		mg/kg	mg/kg				
Chloride	0.899	<u>J</u>	0.795	10.0				





L1042076-01 Original Sample (OS) • Duplicate (DUP)

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chloride	45.2	49.0	1	8.05		20





L1042076-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1042076-12 11/09/18 00:29 • (DUP) R3358374-6 11/09/18 00:56

(03) 21042070-12 11/03/10	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chloride	93.7	96.3	1	2.69		20





Laboratory Control Sample (LCS)

(LCS) R3358374-2	11/08/18 19:38
------------------	----------------

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

L1042076-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1042076-09 11/08/18 23:45 (MS) P3358374-4 11/08/18 23:54 (MSD) P3358374-5 11/09/18 00:03

(O3) E1042070-03 11/00/10 23:43 • (M3) N3330374-4 11/00/10 23:34 • (M3) N3330374-3 11/03/10 00:03													
	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	511	1040	1030	106	104	1	80.0-120	Е	Е	0.547	20	

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

L1042024-01

Method Blank (MB)

(MB) R3358827-3 11/10/18	04:58			
	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)	99.5			77.0-120



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

(LCS) R3358827-1 11/10/18 03:42 • (LCSD) R3358827-2 11/10/18 04:06										
	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	6.17	5.84	112	106	72.0-127			5.63	20
(S) a,a,a-Trifluorotoluene(FID)				107	105	77.0-120				







L1041547-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(0)	S) I 1041547-12	11/10/18 12:55 •	(MS) R3358827-4	11/10/18 13:43 •	(MSD) R3358827-5 11/10/18 14:07	
10.	J) LIOTIJT/-12	11/10/10 12.33	(1713) 133330027-4	11/10/10 13.73	(17)	11133330027-3 11/10/10 17.07	

(00) 2:0 ::0 :: 2 :: :::0 ::0	Spike Amount Original Res	•	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	%	%		%			%	%
TPH (GC/FID) Low Fraction	6.07	99.6	92.6	72.1	66.9	25	10.0-151			7.36	28
(S) a,a,a-Trifluorotoluene(FID)				102	102		77.0-120				





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

QUALITY CONTROL SUMMARY

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L1042024-01

Method Blank (MB)

(MB) R3359047-2 11/08/18 20:04 MB Result MB Qualifier MB MDL MB RDL Analyte mg/kg mg/kg mg/kg Benzene U 0.000400 0.00100 U 0.000530 0.00250 Ethylbenzene Toluene U 0.00125 0.00500 U 0.00478 0.00650 Xylenes, Total (S) Toluene-d8 112 75.0-131 82.7 65.0-129 (S) Dibromofluoromethane (S) a,a,a-Trifluorotoluene 117 80.0-120 (S) 4-Bromofluorobenzene 92.6 67.0-138

⁶Qc

Ss

[†]Cn

Laboratory Control Sample (LCS)

(LCS) R3359047-1 11/08/18 18:43								
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier			
Analyte	mg/kg	mg/kg	%	%		8		
Benzene	0.125	0.110	87.8	70.0-123				
Ethylbenzene	0.125	0.110	88.1	74.0-126		9		
Toluene	0.125	0.132	106	75.0-121				
Xylenes, Total	0.375	0.339	90.4	72.0-127		L		
(S) Toluene-d8			108	75.0-131				
(S) Dibromofluorometh	hane		95.3	65.0-129				
(S) a,a,a-Trifluorotolue	ene		111	80.0-120				
(S) 4-Bromofluorobenz	zene		91.1	67.0-138				

L1042053-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1042053-02 11/09/18 02:42 • (MS) R3359047-3 11/09/18 03:02 • (MSD) R3359047-4 11/09/18 03:23												
	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	%	%		%			%	%
Benzene	0.125	ND	2.23	1.12	89.4	44.7	20	10.0-149		<u>J3</u>	66.6	37
Ethylbenzene	0.125	0.0835	2.39	1.21	92.1	45.0	20	10.0-160		<u>J3</u>	65.6	38
Toluene	0.125	ND	2.72	1.37	107	53.3	20	10.0-156		<u>J3</u>	65.9	38
Xylenes, Total	0.375	0.359	7.48	4.08	94.9	49.6	20	10.0-160		<u>J3</u>	58.8	38
(S) Toluene-d8					108	107		75.0-131				
(S) Dibromofluoromethane					96.5	94.3		65.0-129				
(S) a,a,a-Trifluorotoluene					109	110		80.0-120				
(S) 4-Bromofluorobenzene					93.3	91.9		67.0-138				

Sample Narrative:

OS: Non-target compounds too high to run at a lower dilution.

iE:

QUALITY CONTROL SUMMARY

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Semi-Volatile Organic Compounds (GC) by Method 8015

L1042024-01

Method Blank (MB)

(MB) R3358915-1 11/11/18	19:29			
	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	80.0			18.0-148







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

(LCS) R3358915-2 11/11/	18 19:41 • (LCSD) I	R3358915-3 1	1/11/18 19:54								
	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	%	%	%			%	%	
C10-C28 Diesel Range	50.0	28.1	29.5	56.2	59.0	50.0-150			4.86	20	
(S) o-Terphenyl				94.1	96.2	18.0-148					







L1042106-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1042106-01 11/12/18 04:04 • (MS) R3358915-4 11/12/18 04:16 • (MSD) R3358915-5 11/12/18 04:28

(33) 213 12133 31 111121	` ,	Original 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	%	%		%			%	%
C10-C28 Diesel Range	50.0	ND	24.7	29.3	49.4	58.6	5	50.0-150	<u>J6</u>		17.0	20
(S) o-Terphenyl					82.1	93.5		18.0-148				

Sample Narrative:

OS: Cannot run at lower dilution due to viscosity of extract

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.

Abbreviations and Definitions

Appleviations and	a 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.
MQL (dry)	Method Quantitation Limit.
MQL	Method Quantitation Limit.
ND	Not detected at the Method Quantitation Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
SDL	Sample Detection Limit.
SDL (dry)	Sample Detection Limit.
(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 Sample Detection Limit.
Unadj. MQL	Unadjusted Method Quantitation Limit.
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.
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

E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.



















11 of 16



Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample interjut, Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660
Alaska	17-026
Arizona	AZ0612
Arkansas	88-0469
California	2932
Colorado	TN00003
Connecticut	PH-0197
Florida	E87487
Georgia	NELAP
Georgia ¹	923
Idaho	TN00003
Illinois	200008
Indiana	C-TN-01
lowa	364
Kansas	E-10277
Kentucky 16	90010
Kentucky ²	16
Louisiana	Al30792
Louisiana 1	LA180010
Maine	TN0002
Maryland	324
Massachusetts	M-TN003
Michigan	9958
Minnesota	047-999-395
Mississippi	TN00003
Missouri	340
Montana	CERT0086

Nebraska	NE-OS-15-05
Nevada	TN-03-2002-34
New Hampshire	2975
New Jersey-NELAP	TN002
New Mexico ¹	n/a
New York	11742
North Carolina	Env375
North Carolina ¹	DW21704
North Carolina ³	41
North Dakota	R-140
Ohio-VAP	CL0069
Oklahoma	9915
Oregon	TN200002
Pennsylvania	68-02979
Rhode Island	LA000356
South Carolina	84004
South Dakota	n/a
Tennessee 1 4	2006
Texas	T 104704245-17-14
Texas ⁵	LAB0152
Utah	TN00003
Vermont	VT2006
Virginia	460132
Washington	C847
West Virginia	233
Wisconsin	9980939910
Wyoming	A2LA

Third Party Federal Accreditations

A2LA – ISO 17025	1461.01
A2LA – ISO 17025 ⁵	1461.02
Canada	1461.01
EPA-Crypto	TN00003

AIHA-LAP,LLC EMLAP	100789
DOD	1461.01
USDA	P330-15-00234

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

Our Locations

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



















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Chain of Custody -

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1

Received by OCD: 6/8/2020 1:29:36 PM

Andy Vann

From:

Nancy McLain

Sent:

Thursday, November 08, 2018 8:32 AM

To:

Sample Storage; Due Metals, Login

Gc:

Jeremy Gupton

Subject:

FW: Pace National Report & EDD for 60283670 6522 WSP Dillon, MT L1035591

Importance:

High.

Please find a container from L1035591 and relog to a new SDG number for Mercury R2 due tomorrow 11/9 approved by Jeremy Gupton.

Thanks, Nancy

From: Jeremy Gupton

Sent: Thursday, November 08, 2018 8-31 AM

To: Nancy McLain; John Davis

Subject: RE: Pace National Report & EDD for 60283670 6522 WSP Dillon, MT L1035591

That's fine

Thanks.

Jeremy Gupton
Metals Manager

Pace Analytical National Center for Testing & Innovation 12065 Lebanon Road | Mt. Juliet, TN 37122 615 773.9679 | Cell 615.788.6763 igupton@pacenational.com | pacenational.com

ESC Lab Sciences is now Pace Analytical National Center for Testing & Innovation! Please make note of my new email address and website.

From: Nancy McLain

Sent: Thursday, November 8, 2018 8.04 AM

To: Jeremy Gupton; John Davis

Subject: FW: Pace National Report & EDD for 60283670 6522 WSP Dillon, MT L1035591

Can we run Hg on one sample for Friday? Sample is already here. We have three unpreserved liters.

From: Angle Brown [mailto:Ange a.Brown@pacelabs.com]

Sent: Wednesday, November 07, 2018 9:29 PM

To: Nancy McLain

Subject: Fwd: Pace National Report & EDD for 60283670 6522 WSP Dillon, MT L1035591

Received by OCD: 6/8/2020 1:29:36 PM

Hey Nancy ...would u happen to have unreserved volume available to preserve and run mercury by Friday?

----- Forwarded message ------

From: "<nmclain@pacenational.com>" <nmclain@pacenational.com>

Date: Nov 7, 2018 3:29 PM

Subject: Pace National Report & EDD for 60283670 6522 WSP Dillon, MT L1035591

To: Angie Brown < Angela. Brown@pacelabs.com>

Cc:

APPENDIX D Waste Manifests

MANIFEST#	
MINIMIAN W	

SHIPPING FACILITY NAME & ADDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832.486.2425

LOCATION OF MATERIAL:

ConocoPhillips Co.

EVGSAU 2923-001

Section 29 - Township 17 South - Range 35 East,

Lea County, New Mexico

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

18 40

FACILITY CONTACT:

Date: 6/11/18

Signature of Contact: Kayla Jaylor (Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date: 6-11-18

Signature Driver:

AP1 30-625-26577

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date: 6.11.18

Representative

Received by OCD: 6/8/2020 1:29:36 PA ENVIRONMENTAL SOLUTIONS Permian Basin	Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver	KAYLA TAYLO	1 0 0 1 1 1 1 1 1 1 1 1	Ficket #: Bid #: Date: Generator: Generator #: Vell Ser. #: Vell Name: Vell #: Field: Rig: County				
Facility: CRI								
Product / Service	100 NO 100	(CAPPICE	Qı	uantity Un	its	SE ST		
Contaminated Soil (RCRA Exemp	ot)	t) 18.00 yards						
Cell pH Lab Analysis: 50/51 0.00	CI Cond 0.00 0.00		TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Generator Certification Statemen I hereby certify that according to the Re 1988 regulatory determination, the above X RCRA Exempt: Oil Field wastes guardless and the state of	esource Conserva ve described was enerated from oil te which is non-h gulations, 40 CFF on is attached to d	ation and Recove te is: and gas explora azardous that do R 261.21-261.24 c demonstrate the a	tion and p es not exc or listed ha bove-desc	roduction of eed the min azardous wa cribed waste	perations and imum standar ste as defined is non-hazar	are not mixeds for waste I in 40 CFR, dous. (Check	ed with nor hazardous part 261, so	e-exempt v by oriate item
Driver/ Agent Signature		R360 F	Represen	tative Sig	nature /	0,		
		_				4		
Customer Approval				01-163		4		
Customer Approval	THIS	S IS NOT	AN IN	IVOICI		4		

MANIFEST# _____

SHIPPING FACILITY NAME	& ADDRESS:
ConocoPhillips Company	
600 N. Dairy Ashford Rd, Housto	on, TX 77079 API 30-025-26
Attn. Neal Goates	MPI JU-Das-ale
N.Goates@conocophillips.com	
832.486.2425	
LOCATION OF MATERIAL:	
ConocoPhillips Co.	
EVGSAU 2923-001	
Section 29 - Township 17 South	- Range 35 East,
Lea County, New Mexico	
TRANSPORTER NAME AND	ADDRESS:
Maxist Danier	
McNabb Partners	
4008 N. Grimes	
Hobbs, New Mexico 88240 575.397.0050	
373.397.0030	
DESCRIPTION OF WASTE:	
Impacted Soil	QUANTITY: 18 40
	10 90
FACILITY CONTACT:	
Date: $(0-1)$	Signature of Contact: 1/4 4 A
Date. 6-11-18	Signature of Contact: Kayla Juylor (Agent for ConocoPhillips)
NAME OF TRANSPORTER (T	
NAME OF TRANSPORTER (D	oriver):
Date: 6-11-18	Signature Driver:
DISPOSAL SITE:	
R360	
P.O. Box 388	

Representative Signature

. Released to Imaging: 1/12/2022 3:19:30 PM

Hobbs, New Mexico 88241

Date: W///8



Permian Basin

Customer: CONOCOPHILLIPS

Customer #: CRI2190

Ordered by: KAYLA TAYLOR

AFE #: PO #:

Manifest #: 2

Manif. Date: 6/11/2018

Hauler: MCNABB PARTNERS
Driver LEO

LEO M32

Truck #
Card #
Job Ref #

Ticket #: 79 Bid #: C

700-901763 O6UJ9A0009Z1

Date: 6/11/2018
Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: 26577

Well Name: EAST VACUUM GSA UNI

Well #: 001

Field:

Field #:

Rig: NON-DRILLING County LEA (NM)

6.1472015

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

18.00 yards

%Solids PCI/GM Cell ΡH CI Cond TDS MR/HR H₂S % Oil Weit. Lab Analysis. 50/51 0.00 0 0.00 0.00

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's in 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-exempted 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 amended. The following documentation is attached to demonstrate the above described waste is non-hazardous. (Check the appropriate the MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/ Agent Signature

R360 Rev resentative Signatur

Customer Approval

THIS IS NOT AN INVOICE!

Approved By:	A STATE OF THE STA	Date:		5 49
approvou by.	Company of the Compan		No.	

ANT SEPTEMBER

MANIFEST#

SHIPPING FACILITY NAME & ADDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832.486.2425

API 30-025-26577

LOCATION OF MATERIAL:

ConocoPhillips Co.

EVGSAU 2923-001

Section 29 - Township 17 South - Range 35 East,

Lea County, New Mexico

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

20 44

FACILITY CONTACT:

6 12/18 Date:

Signature of Contact:

Kayla Saylor (Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date: 6 1218

Signature Driver:

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

6-12.14

Representative

Received by OC ENVIRONMEN' SOLUTION Permian Basis	BE TAL DINS	220 1:29:36	Custome Ordered AFE #: PO #: Manifes	er#: C by: K t#: 3 pate: 6 N	AYLA TAYLO	OR .		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	26577	DO09Z1 COUM GS	
Facility: CRI											
Product / Sen	vice	7. 31	Francisco.	276		Q	uantity U	nits			
Contaminated	Soil (RC	RA Exem	pt)				20.00	yards			
	Cell	рН	Cl	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 X RCRA Exer RCRA Non characteristics e amended. The f MSDS Info Driver/ Agent	that accord determina mpt: Oil Fi -Exempt: 0 stablished following or rmation	ling to the I tion, the ab- ield wastes Oil field wa in RCRA re locumentati RCRA I	Resource Co ove describe generated fr ste which is egulations, 4 on is attache	onservated waste om oil a non-ha 40 CFR ed to de	ion and Recover is: and gas explorated a control of the control of	ntion and poes not exc or listed habove-descriptory	oroduction seed the mi azardous w cribed was	operations and inimum standar raste as defined te is non-hazar Other (Pro	are not mix ds for waste I in 40 CFR, dous. (Chec	ted with nor e hazardous , part 26 l, so k the appro	n-exempt was by ubpart D, as priate items)
Customer Ap	proval	Lane a	80 = 3	T/ID.		T TIL		No. of Parties			
			1	HIS	IS NOT	AN II	VOIC	E!			

Date:_

Approved By:

MANIFEST#

SHIPPING FACILITY NAME & ADDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832,486,2425

API 30-025-265TT

LOCATION OF MATERIAL:

ConocoPhillips Co.

EVGSAU 2923-001

Section 29 - Township 17 South - Range 35 East,

Lea County, New Mexico

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

1840

FACILITY CONTACT:

Date:

6-12-18

Signature of Contact: (Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date: 6-12-18

Signature Driver:

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

6.12.15

Representative () Signature

ENVIRONMENTAL SOLUTIONS Permian Basin	20 1:29:36 1	Custor Ordere AFE #: PO #: Manife	ner#: (ed by: led by:	CONOCQ PHI CRI2190 KAYLA TAYLO 4 6/12/2018 MCNABB PAR LEO M32	DR	B D G W W F F R	icket #: id #: ate: enerator: enerator #: /ell Ser. #: /ell Name: /ell #: ield: ield #: ig: ounty		009Z1 PHILLIPS CUUM GS LLING	
Facility: CRI										
Product / Service	11-700	3000	WIT S.		Q	uantity Uni	ts			
Contaminated Soil (Re	CRA Exem	pt)				18.00 ya	rds			
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 Certificatio I hereby certify that accor 1988 regulatory determina X RCRA Exempt: Oil F _ RCRA Non-Exempt: characteristics established amended. The following _ MSDS Information	ding to the I ation, the ab field wastes Oil field wa I in RCRA n documentati	Resource Cove describ generated ste which egulations, ion is attac	Conserva bed wast from oil is non-ha 40 CFR hed to de	tion and Recover is: and gas explored azardous that do 261.21-261.24 emonstrate the	ation and poes not ex- or listed habove-des	production op ceed the mini azardous was cribed waste	erations and num standar te as defined s non-hazar	are not mix rds for waste I in 40 CFR, dous. (Check	ed with nor hazardous part 261, so k the appro	n-exempt w by ubpart D, a priate items
Driver/ Agent Signatu	re		III. THE STATE OF	R360 I	Represe	ntative Sign	atufe	1		
Customer Approval	DO FEW			10000		28 1 Ch	1/1		1000	
			THIS	IS NOT	AN II	VVOICE	i i			
Approved By:					D	ate:				

MANIFEST # _ 5

SHIPPING FACILITY NAME & ADDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832.486.2425

LOCATION OF MATERIAL:

ConocoPhillips Co.

EVGSAU 2923-001

Section 29 - Township 17 South - Range 35 East,

Lea County, New Mexico

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

1840

FACILITY CONTACT:

Date:

10/12/18

Signature of Contact:

Kayla Saylor (Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date: 6-12-18

Signature Driver:

API 30-025-26577

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Representative

Received by OCD: 6/8/2020 1:29:36 PM ustomer: 700-902031 Page 126 of 213 CONOCOPHILLIPS Ticket #: Customer #: CRI2190 Bid #: O6UJ9A0009Z1 Ordered by: KAYLA TAYLOR 6/12/2018 Date: AFE #: Generator: CONOCOPHILLIPS PO #: Generator #: Manifest #: Well Ser # 26577 Well Name: EAST VACUUM GSA UNI Manif. Date: 6/12/2018 MCNABB PARTNERS Well # Hauler: 001 Permian Basin **LEO** Field: Driver Truck # M32 Field #: Card # NON-DRILLING Rig: Job Ref# County LEA (NM) Facility: CRI **Product / Service Quantity Units** Contaminated Soil (RCRA Exempt) 18.00 yards 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 was RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above) **Driver/ Agent Signature** R360 Representative Signature Customer Approval THIS IS NOT AN INVOICE! Approved By: Date: Maria Tardenia de R. R. R. L.

MANIFEST #

SHIPPING FACILITY NAME & ADDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832.486.2425

LOCATION OF MATERIAL:

ConocoPhillips Co.

EVGSAU 2923-001

Section 29 - Township 17 South - Range 35 East,

Lea County, New Mexico

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

18 44

FACILITY CONTACT:

Date:

6/12/18

Signature of Contact: (Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date:

6-12-18

Signature Driver:

API: 30.025-26577

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Representative Signature Attu

Received by OCD: 6/8/2020 1:29:36 PM NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT)

Compa	_{ny} Pa	ge 128	of 213	itio
Name _/\/		1 (-)	nort.	£
Phone No.	<i>'</i>		C)	

			Filotie No.	
Α.	GE	NERATOR	NO. 310477	
Operator No.	hillips	Permit/RRC No.		
	,	Lease/Well Name & No.	EVGSAII 29	<u> 13-00/</u>
Operators Name		County		
Address		API No.	7. N - N 25. 310°	577
City Charles The		Rig Name & No.		
City, State, Zip Phone No.		AFE/PO No.		
			and the second s	
Oil Based Muds	aste/Service Identification and Amo	ount (place volume next to w	INJECTABLE WATERS	
Oil Based Cuttings	Washout Water (Non-Injectable)		Washout Water (Injectable)	
Water Based Muds	Completion Fluid/Flow back (Non-Injer	ctable)	Completion Fluid/Flow back (Injectable) Produced Water (Injectable)	
Water Based Cuttings Produced Formation Solids	Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Injectable)	ectable)	Gathering Line Water/Waste (Injectable)	
Tank Bottoms	INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process	of the waste)
E&P Contaminated Soil Gas Plant Waste	Truck Washout (exempt waste)			
WASTE GENERATION PROCESS:	DRILLING C	OMPLETION	PRODUCTION GATHERING	LINES
	NON-EXEMPT E&P Was	te/Service Identification and Amo	unt	
All non-exempt E&P	waste must be analysed and be below th		P), Ignitability, Corrosivity and Reactivity.	
Non-Exempt Other		*please select fro	om Non-Exempt Waste List on back	
QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS	E - EACH
I hereby certify that according to the Resource Conse	rvation and Recovery Act (RCRA) and the	US Environmental Protection Ag	ency's July 1988 egulatory d etermination, the abov	e described waste
load is (Check the appropriate classification)		ad aradication approximate and are	not mived with one exempt warte (B360 Accepts	artifications on a ner
RCRA EXEMPT: Oil field wastes (enerated from oil and gas exploration at	nd production operations and are	not mixed with non-exempt waste (R360 Accepts of	si uncations on a per
RCRA NON-EXEMPT: Oil field waste w	hich is non-hazardous that does not exce	eed the minimum standards for w	aste hazardous by characteristics established in RCF	A regulations, 40 CFF
261.21-261.24, 0			ended. The following documentation demonstrating	the waste as non-
	ached. (Check the appropriate items as p	1	Out of the state o	
MSDS Information	on RCRA Hazardous Wa	aste Analysis	Other (Provide Description Below)	
	harradous, non ailfeild waste that has he	een ordered by the Denartment of	f Public Safety (the order, documentation of non-ha	zardous waste
	nd a desciption of the waste must accom		Trable sales, (the drawn, accumentation of the trace	
		(0/12/18	SIGNATURE	
(PRINT) AUTHORIZED AGENTS NAME	TDA	NCCORTER	and the state of t	
	IRA	NSPORTER		
Name 11 M Ma (a)	In Haces	Driver's Name	100	
Address	4443	Print Name		
-		Phone No.		
Phone No.		Truck No.	maa	
I hereby certify that the above named material(s) wa	s/were picked up at the Generator's site	listed above and delivered with	it in ident to the disposal facility listed below.	
,		10/12/	IV X	i.
SHIPMENT DATE	DRIVER'S SIGNATURE		RY DATE DRIVER'S SIGNAT	URE
TRUCK TIME STAME	DISPO	SAL FACILITY	RECEIVING AREA	4,
IN: OUT:			Name/No. 50 /5 /	/
Site Name/		Phone No.	3 / 3 /	
Permit No. Halfway Facility / NM1-006		7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	575 -393-1079	
Address 6601 Hobbs Hwy US 62/180 Mile N				
NORM READINGS TAKEN? (Circle One		NO NO	ng > 50 micro roentgens? (circle one) YES	NO
PASS THE PAINT FILTER TEST? (Circle One	*	KBOTTOMS		
Feet	Inches	K BOTTOMS	1	
1st Gauge		B58	&W/BBLS Received 8S&W (%	
2nd Gauge			Free Water Total Received	
Received			TOTAL NECEIVER	
I hereby certify that the above load material has b	ueen (circle and): ACC	DENIED If denied, why	1 22.1	2
tau-hous	10/12/17		() / Let	
	4/10/10			

MANIFEST#

SHIPPING FACILITY NAME & ADDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832.486.2425

LOCATION OF MATERIAL:

ConocoPhillips Co.

EVGSAU 2923-001

Section 29 - Township 17 South - Range 35 East,

Lea County, New Mexico

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575,397,0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

2049

Cycl Mhiny

API 30-025-26577

FACILITY CONTACT:

Date: 6 13 118

Signature of Contact:

Kayla Saylor (Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date:

Signature Driver:

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date: 13-18

Representative

Received by OC.	D: 6/8/2	020 1:29:3	Custo Custo Orde AFE	omer #: C red by: N #:	ONOCOPHIL RI2190 — EAL GOATE			Ticket #: Bid #: Date: Generator:	700-90222 O6UJ9A00 6/13/2018 CONOCOR	009Z1	
SOLUTIO			Manif	est #: 7 Date: 6/	13/2018			Generator # Well Ser. #: Well Name:	26577 EAST VAC	CUUM GS	SA UNI
Permian Basir	1		Haule Drive Truck Card	r H	CNABB PAR OWARD 3	TNERS		Well #: Field: Field #: Rig:	001 NON-DRIL	LING	
			Job F					County	LEA (NM)	LING	
Facility: CRI									. 70		
Product / Serv	ice			AL.		Q	uantity U	nits	Longonia	12-	
Contaminated	Soil (R	CRA Exer	npt)				20.00 y		3425.7	- E	
	Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50	0.00	0.00	0.00	0	-		/8	79 121	12- 1	
Samuel Steel									147		
characteristics es amended. The fo	hat acco determin npt: Oil I Exempt: tablished	rding to the ation, the all rield wastes Oil field w d in RCRA documenta	Resource bove described generated aste which regulation tion is atta	Conservation of the conser	on and Recoveris: and gas explorate ardous that do 261.21-261.24	es not exc or listed habove-desi	ceed the min azardous wast	operations and nimum standa aste as defined e is non-hazar	l are not mixe rds for waste d in 40 CFR, p dous. (Check	d with nor hazardous part 261, so	n-exempt was by ubpart D. as priate items;
Driver/ Agent !	Signatu	ire	No.		R360 F	Represer	ntative Sig	nature	PERSONAL PROPERTY.		
tompski	13	- VII. V	E A	24		f M		F			
Customer App	roval	· ero erro	nit.	te si							
y so he s			y.	THIS	IS NOT	AN IN	VOIC	E!			
		and anone	71						the Charles		
Approved By:	111111111111111111111111111111111111111	4	Ser.			Da	ate:				
Party Paperson									1 - 4-		
Apple to ton											
D raport	ignau.	re									

tox 25 miles

Released to Imaging: 1/12/2022 3:19:30 PM

a somer Appropriation

E/13/70/18

MANIFEST# _ 8

SHIPPING FACILITY NAME & ADDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832.486.2425

LOCATION OF MATERIAL:

ConocoPhillips Co.

EVGSAU 2923-001

Section 29 - Township 17 South - Range 35 East,

Lea County, New Mexico

API 30-025-26577

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

2040

FACILITY CONTACT:

Date:

10-13-18

Signature of Contact:

(Agent for ConocoPhillips)

Kayla Layelon

NAME OF TRANSPORTER (Driver):

Date: 6-13-18

Signature Driver: Les De

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

6-13-18

Representative

Received by O	36 AL VS	2/2020 1:29:2	Custor Ordere AFE # PO #: Manife Manif. Hauler Driver Truck Card #	mer #: CI ed by: K/ :: est #: 8 Date: 6/ r:	AYLA TAYLC 13/2018 CNABB PAR OSE)R	*	Ticket #: Bid #: Date: Generator: Generator # Well Ser. #: Well Name: Well #: Field: Field #: Rig:	26577 EAST VAC 001 NON-DRIL	PHILLIPS	
			Job Re	et#				County	LEA (NM)		
Facility: CRI				44.							
Product / Serv	ice			A =		Q	uantity U	Inits	barrow.		
Contaminated		CRA Exem	pt)	13.0			20.00		5 - 1756.		
	Cell	рН	Cl	Cond.	%Solids	TDS	PCI/GN	MR/HR	H2S	% Oil	Weight
Lab Analysis.	50	0.00	0.00	0.00	0			ñ	- 2Pm		
characteristics es amended. The fo	Exempt: tablished ollowing mation	Oil field wad in RCRA reducementati	ste which egulations on is attac	is non-haz s, 40 CFR 2 ched to der	eardous that do 261.21-261.24 monstrate the a malysis P	oes not ex- or listed h above-des rocess Kn	ceed the m azardous v cribed was	inimum standa vaste as define te is non-hazar Other (Pro	ords for waste d in 40 CFR, _l rdous. (Check	hazardous part 261.3 the appro	s by ubpart D. as priate items,
foe	-	Re	_	15		AM		-	1-12-	\$1.55	
Customer App	roval	n utlener	,	71-							
43.20 -21	. Pet			THIS	IS NOT	AN II	NVOIC	E!	12.1		
Approved By:				hards-		D	ate:		A 7 3 - T		
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114

.ER'S MANIFEST

	TEST#
SHIPPING FACILITY NAMI ConocoPhillips Company 600 N. Dairy Ashford Rd, Hous Attn. Neal Goates N.Goates@conocophillips.com 832.486.2425	
LOCATION OF MATERIAL ConocoPhillips Co. EVGSAU 2923-001 Section 29 - Township 17 Sout Lea County, New Mexico	AP1 30-025-26577
TRANSPORTER NAME AND McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050 DESCRIPTION OF WASTE:	DADDRESS:
Impacted Soil	QUANTITY: \ \ \ \ \ \ \
FACILITY CONTACT:	
Date: 6/13/18	Signature of Contact: (Agent for ConocoPhillips)
NAME OF TRANSPORTER (Driver):
Date: 6-13-18	Signature Driver: Les Lucres
R360 P.O. Box 388 Hobbs, New Mexico 88241	
Date: 6 1318	Representative Signature

Received by OCD: 6/8/20 ENVINONMENTAL SOLUTIONS Permian Basin	Custo Custo Order AFE # PO #: Manife Manife Haule Driver Truck Card #	Customer: CONOCOPHIEER S Customer #: CRI2190 Ordered by: KAYLA TAYLOR AFE #:				Ticket #: Sid #: Date: Senerator: Generator #: Vell Ser. #: Vell Name: Vell #: Tield: Tield #: Rig: County	26577	6		
Facility: CRI										
Product / Service		9.VI-12			Q	uantity Un	its	- 33		100
Contaminated Soil (R	CRA Exen	npt)	pt) 18.00 yards							
Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Generator Certification I hereby certify that according the regulatory determine X RCRA Exempt: Oil For RCRA Non-Exempt: characteristics established amended. The following MSDS Information Driver/ Agent Signature.	rding to the attion, the ablication, the ablication wastes Oil field with the RCRA to documentate RCRA	Resource pove descr generated aste which regulations tion is atta Hazardou	Conservation ibed waste from oil and is non-hazed, 40 CFR 2 ched to dense Waste And Conservation of the ched to dense waste waste waste waste and ched to dense waste wa	on and Recovisis: and gas explora ardous that do 261.21-261.24 nonstrate the a alysis P	ation and poes not exe or listed habove-des brocess Kn	production of ceed the min azardous was cribed waste	perations and imum standar ste as defined is non-hazar Other (Pro	are not mix rds for waste I in 40 CFR, dous. (Chec	ted with not hazardous part 26 l, s k the appro	n-exempt was by subpart D, as opriate items)
Customer Approval			-			NEW YORK				
			THIS	IS NOT	AN II	VOICE	Ξ!			
Approved By:					D	ate:				

MANIFEST # _

SHIPPING FACILITY NAME & ADDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832.486.2425

LOCATION OF MATERIAL:

ConocoPhillips Co. EVGSAU 2923-001

Section 29 - Township 17 South - Range 35 East,

Lea County, New Mexico

API 30-025-26577

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

18 yd

FACILITY CONTACT:

Date:

6-13-18

(Agent for ConocoPhillips) Rayla Jaylor

NAME OF TRANSPORTER (Driver):

Date:

6-13-18

Signature Driver:

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date: 6/13/18

Representative

A		P	- 6					
Received by OCD: 6/8/2020 1:29:36 F	Customer #:	KAYLA TAYLO	PR		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	26577	009Z1 PHILLIPS CUUM GS	
Facility: CRI								
Product / Service	E.19884	RESERVE OF	Q	uantity Ur	nits			
Contaminated Soil (RCRA Exemp	ot)			18.00 y	ards			
Cell pH	Cl Con	d. %Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis: 50/51 0.00	0.00 0.0	0 0						
Generator Certification Statemen I hereby certify that according to the Re 1988 regulatory determination, the abov X RCRA Exempt: Oil Field wastes get RCRA Non-Exempt: Oil field waste characteristics established in RCRA regamended. The following documentatio MSDS Information RCRA H Driver/ Agent Signature	esource Conserved described was enerated from o te which is nongulations, 40 CF on is attached to	vation and Recoverance is: il and gas explorate that do FR 261.21-261.24 demonstrate the attention of the properties of	ntion and poes not excordisted he above-des rocess Kn	production of ceed the min azardouswa cribed waste	operations and nimum standar stera s defined e is nonta zar Other(Pr o	I are not mixe rds for waste I in 40 CFR, dous. (Check	ed with nor hazardous part 261, so t the approp	e-exempt v by oriate item
Customer Approval	E.112000	THE REAL PROPERTY.			1			
	THI	S IS NOT	AN II	VVOIC	EI			
Approved By:			D	ate:				

MANIFEST #

SHIPPING FACILITY NAME & ADDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832.486.2425

LOCATION OF MATERIAL:

ConocoPhillips Co.

EVGSAU 2923-001

Section 29 - Township 17 South - Range 35 East,

Lea County, New Mexico

API 30-025-26577

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

18 48

FACILITY CONTACT:

Date: 6 - 13 - 18

Signature of Contact:

(Agent for ConocoPhillips)

Kayla Saylor

NAME OF TRANSPORTER (Driver):

Date: 6-13-18

Signature Driver:

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico,88241

Date:

Representative

Page 138 of 213 Received by OCD: 6/8/2020 1:29:36 PM CONOCOPHILLIPS 700-902429 Customer: Ticket #: Customer #: CRI2190 Bid #: O6UJ9A0009Z1 Ordered by: KAYLA TAYLOR 6/13/2018 Date: AFE #: Generator: CONOCOPHILLIPS PO #: Generator #: ENVIRONMENTAL Manifest #: `11 Well Ser. #: 26577 SOLUTIONS Manif. Date: 6/13/2018 Well Name: EAST VACUUM GSA UNIT MCNABB PARTNERS Well #: Hauler: 001 Permian Basin Field: Driver LEO Truck # M32 Field #: Card# **NON-DRILLING** Rig: Job Ref# County LEA (NM) Facility: CRI Product / Service **Quantity Units** Contaminated Soil (RCRA Exempt) 18.00 yards Cell Cond. %Solids TDS pН PCI/GM MR/HR H₂S % Oil Weight Lab Analysis: 50/51 0.00 0.00 0.00 **Generator Certification Statement of Waste Status** I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste _ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): __ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge _ Other (Provide description above) **Driver/ Agent Signature** R360 Representative Signature **Customer Approval** THIS IS NOT AN INVOICE!

Approved By: _____ Date: ____

MANIFEST#

SHIPPING FACILITY NAME & ADDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832.486.2425

LOCATION OF MATERIAL:

ConocoPhillips Co.

EVGSAU 2923-001

Section 29 - Township 17 South - Range 35 East,

Lea County, New Mexico

API 30-025-26577

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

20 yds

FACILITY CONTACT:

Date: (- 14 - 18

Signature of Contact:
(Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date:

Signature Driver:

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative

Received by OCD: 6/8/2020 1:29:36 PM Page 140 of 213 CONOCOPHILLIPS 700-902563 Customer: Ticket #: Customer #: CRI2190 Bid #: O6UJ9A0009Z1 Ordered by: KAYLA TAYLOR 6/14/2018 Date: AFE #: Generator: CONOCOPHILLIPS PO #: Generator #: Manifest #: Well Ser. #: 26577 SOLUTIONS Manif. Date: 6/14/2018 Well Name: EAST VACUUM GSA UNI: MCNABB PARTNERS Well #: Hauler: 001 Permian Basin **HOWARD** Field: Driver Truck # M78 Field #: Card # NON-DRILLING Rig: Job Ref# County LEA (NM) Facility: CRI JOSEPH COCHE I Product / Service **Quantity Units** Contaminated Soil (RCRA Exempt) 20.00 yards Cell %Solids TDS pH Cond. PCI/GM MR/HR % Oil Weight 0.00 0.00 Lab Analysis. 50/51 0.00 0 **Generator Certification Statement of Waste Status** I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the IUS 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 was 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 10, 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) R360 Representative Signature **Driver/ Agent Signature Customer Approval** in Statement THIS IS NOT AN INVOICE! Approved By: Date: in the grippers the rather than the real TO SERVICE OF THE LAND Harris II

niver, Agent Signature

MANIFEST#

SHIPPING FACILITY NAME & ADDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832.486.2425

LOCATION OF MATERIAL:

ConocoPhillips Co.

EVGSAU 2923-001

Section 29 - Township 17 South - Range 35 East,

Lea County, New Mexico

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

20 yds

FACILITY CONTACT:

Date:

10-14-18

Signature of Contact:

(Agent for ConocoPhillips)

Kayla Saylon

API 30-025-26577

NAME OF TRANSPORTER (Driver):

Date: 6-14-18

Signature Driver:

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

6-1448

Representative

Page 142 of 213 Received by OCD: 6/8/2020 1:29:36 PM CONOCOPHILLIPS Ticket #: 700-902567 Customer: Customer #: CRI2190 Bid #: O6UJ9A0009Z1 Ordered by: KAYLA TAYLOR Date: 6/14/2018 Generator: CONOCOPHILLIPS AFE #: PO #: Generator #: Well Ser. #: 26577 Manifest #: 13 TOLUTIONS Manif. Date: 6/14/2018 Well Name: EAST VACUUM GSA UNII MCNABB PARTNERS Well #: Hauler: 001 Permian Basin Field: JOE Driver M82 Truck # Field #: Card # Ria: **NON-DRILLING** LEA (NM) Job Ref# County Facility: CRI and the last **Quantity Units Product / Service** Contaminated Soil (RCRA Exempt) 20.00 yards %Solids Cell Cond TDS PCI/GM MR/HR % Oil H₂S Weigh Lab Analysis. 50/51 0.00 0.00 0.00 **Generator Certification Statement of Waste Status** I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt was. 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 1), 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! Differ that the tart of the tart of The tape of the section Approved By: Date: he de man of La this county of the entropy of standard

Com your houseway.

MANIFEST#

SHIPPING FACILITY NAME & ADDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832.486.2425

LOCATION OF MATERIAL:

ConocoPhillips Co. EVGSAU 2923-001

Section 29 - Township 17 South - Range 35 East,

Lea County, New Mexico

API 30-025-26577

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

18 yds

FACILITY CONTACT:

Date: 10-14-18

Signature of Contact:

(Agent for ConocoPhillips)

Kayla Saylor

NAME OF TRANSPORTER (Driver):

Date: 6-14-18

Signature Driver:

te Lema

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative

7.76		14.									
Received by OCD: 6/8/2020 1:29:36 P. SOLUTIONS			red by: #:	CONOCOP CRI2199 KAYLA TAY			Ticket #: Bid #: Date: Generator: Generator #:	700-902572 Page 144 of 213 O6UJ9A0009Z1 6/14/2018 CONOCOPHILLIPS			
			PO #: Manifest #: 14 Manif. Date: 6/14/2018 Hauler: MCNABB PAR			Well Ser. #: Well Name:		26577 EAST VACUUM GSA UNII			
											Permian Basin
		Card	Card # Job Ref #		Rig: County		Rig:	NON-DRILLING LEA (NM)			
Facility: CRI			74								
Product / Service			ugt ti		0	Quantity Units			T. M. Petta.		
Contaminated Soil	mnt)	ot)			18.00 yards			DIAMETONIA IN PE			
			D	4 0/0-114	- TDC					100	
Cell Lab Analysis. 50/5	pH 0.00	0.00	0.00		is TDS	PCI/GM	MR/HR	H2S	% Oil	Weight	
Law Many Old. 00/0	0.00	0.00	, , , ,					10			
1988 regulatory determ X RCRA Exempt: O RCRA Non-Exem characteristics establish amended. The following MSDS Information	il Field waste: pt: Oil field w ned in RCRA ng documenta	s generated aste which regulation ation is atta	d from oi h is non-l ns, 40 CF ached to	il and gas exp hazardous tha R 261.21-261. demonstrate t	t does not exe 24 or listed h he above-des	ceed the min azardous was cribed waste	nimum standa aste as define e is non-hazar	rds for waste d in 40 CFR, rdous, (Check	hazardous part 261, s the appro	s by subpart D. as opriate items)	
Driver/ Agent Signa	RORA EXAL	ng!		R36	60 Represe	ntative Sig	ınature				
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Customer Approva	(on Starom)	oh-	110								
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MANIFEST #

SHIPPING FACILITY NAME	œ	œ.	ΑL	DL	D	K.	1.	1	j
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ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832.486.2425

LOCATION OF MATERIAL:

ConocoPhillips Co.

EVGSAU 2923-001

Section 29 - Township 17 South - Range 35 East,

Lea County, New Mexico

API 30-025-26577

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

FACILITY CONTACT:

Date: (0 -)4 - 18

Signature of Contact: (Agent for ConocoPhillips)

Kayla Jaylon

NAME OF TRANSPORTER (Driver):

Date:

6-14-18 Signature Driver:

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative May Muser

Received by OCD: 6/8/2020 1:29:36 PM ENVIRONMENTAL SOLUTIONS Permian Basin	Customer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	CONOCQPHIL CRI2190 KAYLA TAYLO 15 6/14/2018 MCNABB PAR LEO M32	R	E C C V V V F F F	Ficket #: Bid #: Date: Generator: Generator #: Vell Ser. #: Vell Name: Vell #: Field: Rig: County	700-90201 06UJ9A00 6/14/2018 CONOCO 26577 EAST VACO 001 NON-DRILLEA (NM)	009Z1 PHILLIPS CUUM GS	
Facility: CRI	\$p r					11850		
Product / Service	The state of the s		Q	uantity Un	its	30,101,12		
Contaminated Soil (RCRA Exemp	t) -			18.00 ya	ards	37 30	11 198	
Cell pH	CI Con	d. %Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weig
Lab Analysis: 50/51 0.00	0.00	0 0			(9)	770	North	3
Generator Certification Statement I hereby certify that according to the Re 1988 regulatory determination, the above	source Conserve described wa	vation and Recove este is:				-0.4	ii.x	
X RCRA Exempt: Oil Field wastes ge RCRA Non-Exempt: Oil field waste	e which is non-	hazardous that do	es not exc	eed the min	imum standaı	rds 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 1). amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate iteration) above)

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6/14/2018

MSDS Information RCRA Hazard	dous Waste Analysi	s Process Knowledge (Other (Provide description
Continue to display the Clark compt			
Driver/ Agent Signature		R360 Representative Signat	ture
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Customer Approval		HOLLING SOL	
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Approved By:	w pr	Date:	First and their
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MIN Thin A.

MANIFEST#

SHIPPING FACILITY NAME & ADDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832.486.2425

LOCATION OF MATERIAL:

ConocoPhillips Co.

EVGSAU 2923-001

Section 29 - Township 17 South - Range 35 East,

Lea County, New Mexico

API 30-025-26577

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

18 44

FACILITY CONTACT:

Date: 10-14-19

Signature of Contact:

(Agent for ConocoPhillips)

Rayla Saylor

NAME OF TRANSPORTER (Driver):

Date: 6-14-18

Signature Driver:

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative

Received by OCD: 6/8/2020 1:29:36 PM Customer: 700-902662 Page 148 of 213 CONOCOPHILLIPS Ticket #: Customer #: CRI2190 Bid #: O6UJ9A0009Z1 Ordered by: NEAL GOATES Date: 6/14/2018 CONOCOPHILLIPS AFF # Generator: PO #: Generator #: ENVIRONMENTAL Manifest #: Well Ser. #: 26577 SOLUTIONS Manif. Date: 6/14/2018 Well Name: EAST VACUUM GSA UNIT MCNABB PARTNERS Hauler: Well #: 001 Permian Basin Driver LEO Field: M32 Truck # Field #: Card # Rig: **NON-DRILLING** Job Ref# County LEA (NM) Facility: CRI **Product / Service Quantity Units** Contaminated Soil (RCRA Exempt) 18.00 yards Cell CI Cond. %Solids TDS PCI/GM MR/HR Lab Analysis. 50/51 0.00 0.00 0.00 and the state of the state of **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 hads 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 was 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 10, 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** S. Andrews Sirist **Customer Approval** is it is it is that a beginning to be best THIS IS NOT AN INVOICE! is the live and that have western the Approved By: distribution and a delicity and the same of the man and a district the first the same of A STATE OF THE 44 7 1 24 A PH S maker



R360 Environmental Solutions, LLC Permian Basin Region

P.O. Box 3452 Hobbs, NM 88241

> Bill To CONOCOPHILLIPS P.O. BOX 2200 BARTLESVILLE, OK 74005

Invoice

Date: 6/15/2018

C171064 Invoice #:

> Due Upon Receipt CONOCOPHILLIPS

Generator: Lease:

Terms:

EAST VACUUM GSA UNIT

Well:

Rig:

NON-DRILLING

PO: Memo:

		i								
Item	Qty	Desc	Price	Amount	Ticket	Date	Manifest#	3rd Party #	Co. Man	Trucking Co
Contaminated Soil (RCRA	18.00		\$17.00	\$306.00	901709	6/11/2018	7 1	***	KAYLA	MCNABB
Exempt)									TAYLOR	PARTNERS
Contaminated Soil (RCRA	18.00		\$17.00	\$306.00	901763	6/11/2018	2		KAYLA	MCNABB
Exempt)									TAYLOR	PARTNERS
Contaminated Soil (RCRA	20,00	*	\$17.00	\$340.00	901945	6/12/2018	3		KAYLA	MCNABB
Exempt)									TAYLOR	PARTNERS
Contaminated Soil (RCRA	18.00	<u> </u>	\$17.00	\$306.00	901956	6/12/2018	4		KAYLA	MCNABB
Exempt)									TAYLOR	PARTNERS
Contaminated Soil (RCRA	18.00		\$17.00	\$306.00	902031	6/12/2018	5	· · · · · · · · · · · · · · · · · · ·	KAYLA	MCNABB
Exempt)			, ,	,			ŭ			PARTNERS
Contaminated Soil (RCRA	18,00		\$17.00	\$306.00	902110	6/12/2018	310477		TAYLOR	MCNABB
Exempt)				+			510-77		NEAL	PARTNERS
Contaminated Soil (RCRA	20.00	**-	\$17.00	\$340.00	902227	6/13/2018	- 7		GOATES	
Exempt)			Ψ17.50	Ψ010.00	OULLLI	0/10/2010	,		NEAL	MCNABB
Contaminated Soil (RCRA	20.00		\$17.00	\$340.00	002220	6/13/2018	8		GOATES	PARTNERS
Exempt)	20.00		Ψ17.00	ψ040.00	802230	0/13/2010	8		KAYLA	MCNABB
Contaminated Soil (RCRA	18.00		\$17.00	\$306.00	000000	0140/0048			TAYLOR	PARTNERS
Exempt)	10,00		\$17.00	\$300,00	902265	6/13/2018	9		KAYLA	MCNABB
Contaminated Soil (RCRA	18.00	****	0.17.00						TAYLOR	PARTNERS
•	18.00		\$17.00	\$306.00	902377	6/13/2018	10	-	KAYLA	MCNABB
Exempt)	10.00								TAYLOR	PARTNERS
Contaminated Soil (RCRA	18.00		\$17.00	\$306.00	902429	6/13/2018	`11		KAYLA	MCNABB
Exempt)									TAYLOR	PARTNERS
Contaminated Soil (RCRA	20.00		\$17.00	\$340.00	902563	6/14/2018	12		KAYLA	MCNABB
Exempt)									TAYLOR	PARTNERS



R360 Environmental Solutions, LLC Permian Basin Region

P.O. Box 3452 Hobbs, NM 88241

Invoice

Date:

6/15/2018____

Invoice #:

C171064

Terms: Generator: Due Upon Receipt CONOCOPHILLIPS

Lease:

EAST VACUUM GSA UNIT

Well:

001

Rig:

NON-DRILLING

PO: Memo:

Bill To

CONOCOPHILLIPS P.O. BOX 2200

BARTLESVILLE, OK 74005

	1EEE, OIX 7 7000						
Contaminated Soil (RCRA	20.00	\$17.00	\$340.00 902567	6/14/2018	13	KAYLA	MCNABB
Exempt)						TAYLOR	PARTNERS
Contaminated Soil (RCRA	18.00	\$17.00	\$306.00 902572	6/14/2018	14	KAYLA	MCNABB
Exempt)						TAYLOR	PARTNERS
Contaminated Soil (RCRA	18.00	\$17.00	\$306.00 902616	6/14/2018	15	KAYLA	MCNABB
Exempt)						TAYLOR	PARTNERS
Contaminated Soil (RCRA	18.00	\$17,00	\$306.00 902663	6/14/2018	16	NEAL	MCNABB
Exempt)						GOATES	PARTNERS
						OOAILD	

Please Remit To:

R360-Permian Basin Region

P.O.Box 671798

Dallas, TX 75267-1798

575-393-1079 (O); 575-393-3615(F)

Subtotal:

\$5,066.00

NM Sales Tax (6.8125%):

\$345.12

Total:

\$5,411.12

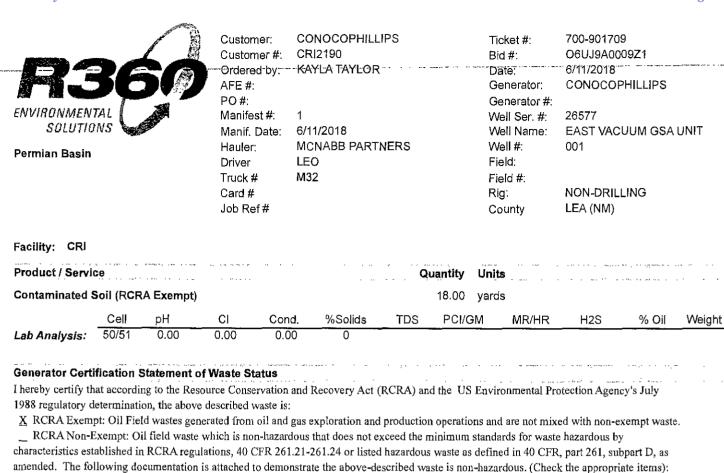
Summary of Products & Services

Product	Price	Quantity	Unit	Extended Price
Contaminated Soil (RCRA Exempt)	\$17.00	298.00	yards	\$5,066.00
Sales Tax (NM)	\$345.12	1.00	each	\$345.12

Driver/ Agent Signature

Customer Approval

Approved By:



THIS IS NOT AN INVOICE!

Date:

R360 Representative Signature

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

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TR	A	N	[S]	PO	R	$\mathbf{\Gamma}$	Έ	R	'S	N	$\mathbf{I}A$	I	III	\mathbf{E}	S'	ſ
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TRA	NSPORTER'S MANIFEST
М	ANIFEST#
SHIPPING FACILITY NAME ConocoPhillips Company 600 N. Dairy Ashford Rd, Hous Attn. Neal Goates N.Goates@conocophillips.com 832.486.2425	ston, TX 77079
LOCATION OF MATERIAL ConocoPhillips Co. EVGSAU 2923-001 Section 29 - Township 17 Sout Lea County, New Mexico	AY1 30-025-24577
TRANSPORTER NAME AND	D ADDRESS:
McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050	
DESCRIPTION OF WASTE: Impacted Soil	QUANTITY: 18 yd
FACILITY CONTACT:	
Date: 6/11/18	Signature of Contact: Kayla Jaylon (Agent for ConocoPhillips)
NAME OF TRANSPORTER	(Driver):
Date: 6-11-18	Signature Driver: Les Mana
DISPOSAL SITE:	
R360 P.O. Box 388	

Hobbs, New Mexico 88241

Date: 6.11.18 Representative Signature



Permian Basin Facility: CRI Product / Service Contaminated Soil (RCRA Exempt)			Custor Custor Ordere AFE # PO #: Manife Manif. Hauler Driver Truck : Card # Job Re	mer #: C od by:K : sst #: 2 Date: 6/ :	ONOCOPHILI RI2190 AYLA-TAYLOF 11/2018 CNABB PART EO 32	\		Ticket #: Bid #: Date: Generator: Generator #: Well Ser, #: Well Name: Well #: Field: Field #: Rig: County	700-90176 O6UJ9A00 6/11/2018 CONOCOF 26577 EAST VAC 001 NON-DRILL LEA (NM)	09Z1 PHILLIPS UUM GSA	UNIT
acility: CRI											
roduct / Servi	ce				era	Q	uantity U	nits			
Contaminated S	Soil (RCR	A Exempt)					18.00 ya				
	Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
.ab Analysis:	50/51	0.00	0.00	0.00	0						
hereby certify the 1988 regulatory of 1988 regulatory of 1988 regulatory of 1988 RCRA Exemunication RCRA Non-Finance of 1989 RCRA Non-Finance of 1980 RCRA Non-Finance of 1	nat accordination of the lettermination of t	ng to the Reson, the above d wastes ger il field waste a RCRA regucumentation	source Conse e described valerated from which is no alations, 40 C is attached to	ervation and vaste is: oil and gas n-hazardous CFR 261.21 to demonstr	exploration and s that does not e -261.24 or listed ate the above-de	(RCRA) and production xceed the red hazardous escribed was	nd the US En n operations minimum star s waste as de aste is non-ha	and are not mix ndards for waste fined in 40 CFR nzardous. (Check	ed with non-exe hazardous by, part 261, sub	kempt waste	
river/ Agent S	ignature	- ~	- ·		R360 R	epresent	ative Signat	ture			
ustomer Appr	oval	-	, m.V. 12.	<u> </u>		-	-			المنظر المارية المارية	

THIS IS NOT AN INVOICE!

Approved By: Date:	
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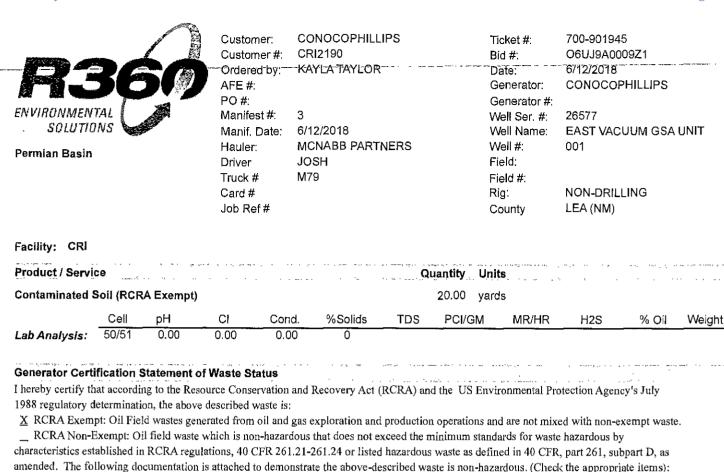
t6UJ9A01054G

MANIFEST# SHIPPING FACILITY NAME & ADDRESS: ConocoPhillips Company API 30-025-26577 600 N. Dairy Ashford Rd, Houston, TX 77079 Attn. Neal Goates N.Goates@conocophillips.com 832,486,2425 **LOCATION OF MATERIAL:** ConocoPhillips Co. EVGSAU 2923-001 Section 29 - Township 17 South - Range 35 East, Lea County, New Mexico TRANSPORTER NAME AND ADDRESS: McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050 **DESCRIPTION OF WASTE:** 18 40 Impacted Soil QUANTITY: **FACILITY CONTACT:** Signature of Contact: Kill Jun 17
(Agent for Conoco Phillips) Date: $(\wp - 1) - 1$ NAME OF TRANSPORTER (Driver): Date: 6 11 - 18 Signature Driver: **DISPOSAL SITE:** R360 P.O. Box 388 Hobbs, New Mexico 88241 Representative

Driver/ Agent Signature

Customer Approval

Approved By:



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

R360 Representative Signature

Date:

THIS IS NOT AN INVOICE!

t6UJ9A0105tJ 6/15/2018 10:29:08AM

manifest# 3

SHIPPING FACILITY NAME &	& ADDRESS:			
ConocoPhillips Company				
600 N. Dairy Ashford Rd, Houston	n, TX 77079			
Attn. Neal Goates		API	30-025-8	26577
N.Goates@conocophillips.com		7		
832.486.2425				
LOCATION OF MATERIAL;		······································		
ConocoPhillips Co.				
EVGSAU 2923-001				
Section 29 - Township 17 South	- Range 35 Ea	ıst,		
Lea County, New Mexico				
TRANSPORTER NAME AND A	ADDRESS:			-
McNabb Partners				
4008 N. Grimes				
Hobbs, New Mexico 88240				
575,397.0050				
DESCRIPTION OF WASTE:				
Impacted Soil	QUANTITY	: 20	44	
FACILITY CONTACT:				
D	~ *	267	11/11/00	Jango
Date: (e 12 18	Signature of (Agent for Co		ips)	Saylo
NAME OF TRANSPORTER (D	river):			
Date: 6 1218	Signature I	Driver: ¿	fen	
			/	- · · · · · · · · · · · · · · · · · · ·
DISPOSAL SITE:				
R360				
P.O. Rox 388				

Representative Signature

Hobbs, New Mexico 88241

6.12.18



		A CONTRACTOR OF THE PARTY OF TH	Customer Customer		DNOCOPHILL RI2190	IPS		Ticket #: Bid #:	700-90195 O6UJ9A00			
RE	3¢		Ordered b AFE #: PO #:		YLA TAYLOR	THE YEAR THE THE THE	NAMES TO A P T A 15 N	Date: Generator: Generator#:	6/12/2018 CONOCOF		mas comment according to a	
ENVIRONMEN SOLUTIO			Manifest # Manif. Dat		12/2018			Well Ser. #: Well Name:	26577 EAST VAC	UUM GSA	UNIT	
Permian Basin			Hauler: Driver	M(CNABB PARTI	VERS		Well #: Field:	001	oom oo,	SI III	
			Truck # Card # Job Ref #	Ma	32			Field #; Rig: County	NON-DRIL LEA (NM)	LING		
Facility: CRI												
Product / Servi	ce	· ·	. .	- • • .	en era	Q	uantity	Units				
Contaminated S	Soil (RCR	A Exempt)					18.00					
Lab Analysis:	Cell 50/51	pH 0.00	CI (Cond. 0.00	%Solids 0	TDS	PCI/G	M MR/HR	H2S	% Oil	Weight	
1988 regulatory d X RCRA Exem RCRA Non-F Characteristics est mended. The fo	nat accordination pt: Oil Fiel Exempt: Oil ablished in llowing does	ng to the Rescon, the above d wastes general field waste RCRA reguleumentation	ource Conservar described wast erated from oil which is non-ha ations, 40 CFR is attached to de	tion and te is: and gas cazardous 261.21-	Recovery Act (exploration and that does not ex 261.24 or listed that the above-de Process Kr	RCRA) an production sceed the relationship hazardous scribed was	n operation ninimum s s waste as aste is non Othe	Environmental Pr ns and are not mix standards for wast defined in 40 CFF -hazardous. (Chec or (Provide descrip	otection Agend ed with non-e: hazardous by s, part 261, sub k the appropri	xempt waste	3.	and the second s
Customer Appr	oval		_				- ,		×			1
			-	THIS	IS NOT	AN IN	VOIC	E!				
Approved By:			124			D٤	ate:					

t6UJ9A0105K0 6/15/2018 10:29:08AM

MANIFEST# _ _ _

SHIPPING FACILITY NAME & ADDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832.486.2425

API 30.025-26577

LOCATION OF MATERIAL:

ConocoPhillips Co.

EVGSAU 2923-001

Section 29 - Township 17 South - Range 35 East,

Lea County, New Mexico

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

FACILITY CONTACT:

6-12-18

1842

(Agent for ConocoPhillips) Well Bulba

NAME OF TRANSPORTER (Driver):

Date: 6.12-18

Signature Driver:

DISPOSAL SITE:

R360

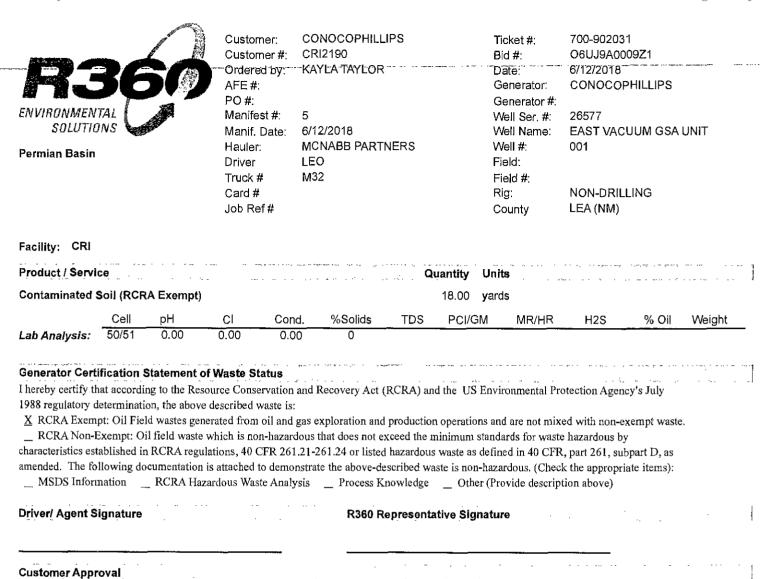
P.O. Box 388

Hobbs, New Mexico 88241

Date:

6:12:15

Representative / /



THIS IS NOT AN INVOICE!

Approved By: _____ Date: ____

t6UJ9A0105QO 6/15/2018 10:29:09AM

MANIFEST#

SHIPPING FACILITY NAME & ADDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832,486.2425

LOCATION OF MATERIAL:

ConocoPhillips Co.

EVGSAU 2923-001

Section 29 - Township 17 South - Range 35 East,

Lea County, New Mexico

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575,397,0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

1840

FACILITY CONTACT:

Date:

81/61/0)

Signature of Contact:

Kayla Sayler (Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date: 6-12-18

Signature Driver:

API 30-025-26577

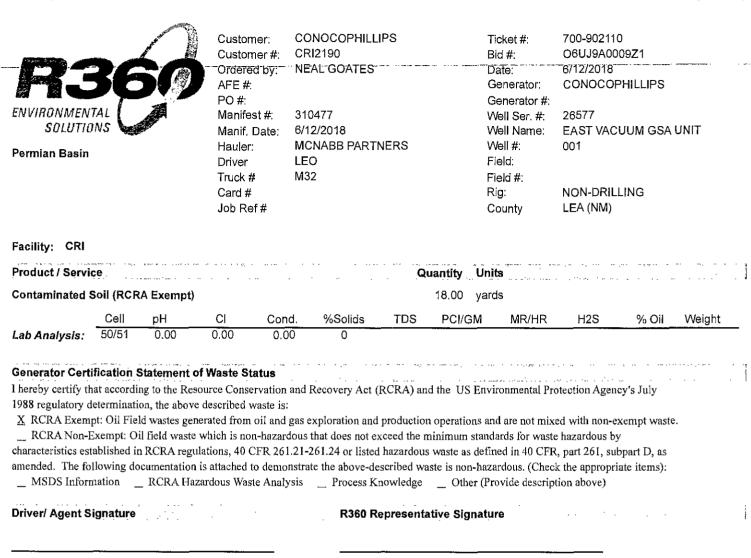
DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Representative



THIS IS NOT AN INVOICE!

Approved By: _____ Date: ____

t6UJ9A0105VD 6/15/2018 10:29:09AM

Customer Approval



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT)

Company Ma	Contact Information_
Name /Vea	Connect Information

	——————————————————————————————————————			riione N	
1	Michigan	GENER	RATOR	NO. 3	10477
Operator No.	Phillips		Permit/RRC No		
			Lease/Well	FUGSA	4 2923-001
Operators Name			Name & No.	• •	
Address	· · · · · · · · · · · · · · · · · · ·		County	30-02	<- a0577
			API No.	-50-00G	5-016011
City, State, Zip			Rig Name & No	0.	
Phone No.	·		AFE/PO No.		
EXEMPT E8	P Waste/Service Identific	ation and Amount (o	lace volume next to	waste type in barrels or cubic	vards)
Olf Based Muds	NON-INJECTABLE WA		Tana (alaine (ibre as	INJECTABLE WATERS	į (i
Oll Based Cuttings	Washout Water (Non	-Injectable)		Washout Water (Injectable)	
Water Based Muds Water Based Cuttings		w back (Non-injectable)		Completion Fluid/Flow back (I	njectable)
Produced Formation Solids	Produced Water (Nor	i-injectable) /Waste (Non-Injectable)	·	Produced Water (Injectable) Gathering Line Water/Waste (Injectable)
Tank Bottoms	INTERNAL USE ONLY	, waste (non injectorie	(and generation process of the waste)
E&P Contaminated Soil	Truck Washout (exem	ipt waste)			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Gas Plant Waste	·			<u></u>	
WASTE GENERATION PROCESS:	DRILLING	COMPLE	ETION	PRODUCTION	GATHERING LINES
	NON-E	XEMPT E&P Waste/Serv	ce Identification and A	mount	
All non-exempt				TCLP), Ignitability, Corrosivity and F	Reactivity
Nan-Exempt Other			*please select	from Non-Exempt Waste List on	back
QUANTITY	B - F	BARRELS	L - LIQUID	Y - YARDS	E - EACH
I hereby certify that according to the Resource C	Conservation and Recovery Ac	t (RCRA) and the US Env	vironmental Protection	Agency's July 1988 regulatory dete	remination, the above described waste
load is (Check the appropriate classification)				,, ,	
Oil hald wa	star nonorated from all and a	as evaloration and ered	uction operations and	are not alived with non everyt we	sto (B360 Appoints carbifications on a per
RCRA EXEMPT: load basis of		as exploration and prod	uction operations and	are not mixed with non-exempt wa	ste (R360 Accepts certifications on a per
				and the second of the second	and the transfer of the second
					is established in RCRA regulations, 40 CFR attention demonstrating the waste as non-
	is attached. (Check the appro-			amended, me tollowing document	actori defitalistracing the waste as non-
MSDS Infor		A Hazardous Waste Ana		Other (Provide Description Bel	oud
Wises Billot	mation Ker	Milataldous vvaste Alia	114212	Other (Fromoe Description Ber	044)
		· · · · · · · · · · · · · · · · · · ·			
	non-hazradous, non-oilfeild v ion and a desciption of the w			it of Public Safety (the order, docum	nentation of non-hazardous waste
цесенняас	ion and a desciption of the w	aste must accompany th			
(PRINT) AUTHORIZED AGENTS NAME			CATE		SIGNATURE
		TRANCE	COTED		
	Δ	TRANSP	ORIEK		
Transporter's My no lah	Ja whare		Driver's Name	/ 02	
Name 11000	PRFIVAS				
Address			Print Name		
			Phone No.		
Phone No.	-		Truck No.	m 3 a.	
I hereby certify that the above named material(s) was (ware picked up at the	Caparatoris sita listad al	hove and deliveded sult	hout inches to the duncal facility	listed halour
Thereby certify diat the Boove harried material.	s) was/were picked up at the	deliciator 3 site listed al		indat index is to the tappsal sacinty	visced below.
SHIPMENT DATE	DRIVER'S SIGNATURE		<u> </u>	LIVERY DATE	DRIVER'S SIGNATURE
		DICROCAL	••		
TRUČK TIME STA	IMP	DISPOSAL	HACILITY		IVING (REA
IN:OUT: _				Name/No.	50151
Site Name/				······································	
Permit No. Halfway Facility / NM1-006			Phone No.	575-393-1079	
Address 6601 Hobbs Hwy US 62/180 N	Aile Marker 66 Carlsbad, NM	88220			
		1-	IE VEE	adian > CO ariana arang	and VEC
NORM READINGS TAKEN? (Circle	-	(NO)	· ·	ading > 50 micro roentgens? (circle	one) YES NO
PASS THE PAINT FILTER TEST? (Circle	one) YES		NO		
		TANK BO	OTTOMS		
Feet	Inches				
1st Gauge				BS&W/BBLS Received	0SW (%)
2nd Gauge				Free Water	
Received				Total Received	
		/ 			
I hereby certify that the above load material	nas been (circle one):	CCEPTED DENI	IEO If denied, w	hy?	mos
THEWAY!	Q/12/	18		()	14
NAME (PRINT)	DATE		TITLE		SIGNATURI
				11	

C-138

White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1



Customer Approval

		ALC: THE RESERVE OF THE PARTY O	Custor	mer: C	ONOCOPHILL	.IPS		Ticket #:	700-90222	7			
			Custor	mer#: C	RI2190			Bid #:	O6UJ9A00	09Z1			
			Ordere	ed by: N	EAL GOATES			Date:	6/13/2018		- secondario de s		
			AFE#	:				Generator:	CONOCO	PHILLIPS			
EM (COMPAN)		192	PO #:					Generator#:					
ENVIRONMENT	· · · · · · · · · · · · · · · · · · ·		Manife					Well Ser. #:	26577				
SOLUTIO	IAP AND		Manif.		/13/2018			Well Name:	EAST VAC	UUM GSA	UNIT		
Permian Başin		Hauler	•	CNABB PART	NERS		Well #:	001					
			Driver		OWARD			Field:					
			Truck : Card #	"	5			Field #:	NON-DRIL	LING			
			Job Re					Rig:	LEA (NM)	LING			
			300 176	21 17				County	LLA (INIVI)				
Facility: CRI													
Product / Service	e			ره وه مد خد دس د د مواد		Q	uantity L	Inits	50 - W - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	n man en			
Contaminated S	Soil (RCF	RA Exempt)					20.00 y	ards					
	Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight		
Lab Analysis:	50	0.00	0.00	0.00	0								
Generator Certi	fication S	Statement o	of Waste S	tatus	, commenter of the second		5	w		*			
I hereby certify th	at accordi	ng to the Res	source Cons	ervation and	Recovery Act	(RCRA) ar	nd the USE	 nvironmental Pr	otection Agen	cy's July			
1988 regulatory de									J	•			
X RCRA Exemp											2.		
_ RCRA Non-E													
characteristics esta													
amended. The fol										ate items):			
_ MSDS Inform	nation _	_ RCRA Ha	zardous Was	ite Analysis	_ Process K	nowledge	_ Other	Provide descrip	tion above)				
Driver/ Agent Si	gnature				R360 R	epresent	ative Signa	ture					

ТН	18	IS.	Nſ	٦T	ΔN	l 12	VΝ	' つ	F

Approved By: Date: _

t6UJ9A01067G 6/15/2018 10:29:10AM

MANIFEST#

SHIPPING	FACII	JTY NAM	E & ADE	RESS:
----------	-------	---------	---------	-------

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832,486,2425

LOCATION OF MATERIAL:

ConocoPhillips Co.

EVGSAU 2923-001

Section 29 - Township 17 South - Range 35 East,

Lea County, New Mexico

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

2049

Cuyel Mhiny

FACILITY CONTACT:

Date: 6/13/18

Signature of Contact: (Agent for ConocoPhillips)

Kayla Saylor

API 30-025-26577

NAME OF TRANSPORTER (Driver):

Date: 1/3/8

Signature Driver: AMWW

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date: 19-18

Representative

700-902230

Ticket #:



NO.		L A	Custor		CRI2190			Bid #:	O6UJ9A00	009 Z 1	
			Ordere		KAYLATAYLOR			Date:	6/13/2018		t are resultant as an it
		JV	AFE#	:				Generator:	CONOCO	PHILLIPS	
ENVIRONMENT	TAL		PO #: Manife	set#·	8			Generator #:	26577		
SOLUTIO			Manif.		6/13/2018			Well Ser. #: Well Name:		CUUM GSA	LINIT
	-400%	,-	Hauler		MCNABB PART	NERS		Well #:	001	JOON GOA	CIVIT
Permian Basin			Driver		JOSE			Field:	001		
			Truck	# 1	82			Field #:			
			Card#	ŧ				Rig:	NON-DRIL	LING	
			Job Re	ef#				County	LEA (NM)		
Facility: CRI											
Product / Service	ce			•		Q	uantity l	Jnits			
Contaminated S	Soil (RCF	RA Exempt)					20.00 y	ards .			
	Cell	ρН	CI	Cond.	. %Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50	0.00	0.00	0.00	0						
_ RCRA Non-E characteristics esta amended. The following	eterminati pt: Oil Fie Exempt: O ablished in flowing de mation _	ion, the above ld wastes gen il field waste n RCRA regu ocumentation	described verated from which is no lations, 40 (is attached	waste is: i oil and ga on-hazardo CFR 261.2 to demons	as exploration and ous that does not e 21-261.24 or lister strate the above-de is Process K	production exceed the real hazardous escribed was nowledge	n operations minimum sta s waste as do aste is non-h	and are not mix andards for wast efined in 40 CFI azardous. (Chec (Provide descrip	ked with non-e te hazardous b R, part 261, su ck the appropr	exempt waste y bpart D, as	
										·	. 1
Customer Appr	oval				· · · · · · · · · · · · · · · · · · ·	*, *					
				THI	S IS NOT	AN IN	IVOICE	! !			
Approved By:						Da	ate:				
					,						

CONOCOPHILLIPS

t6UJ9A01069A 6/15/2018 10:29:10AM

SHIPPING FACILITY NAME & ADDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832.486.2425

LOCATION OF MATERIAL:

ConocoPhillips Co.

EVGSAU 2923-001

Section 29 - Township 17 South - Range 35 East,

Lea County, New Mexico

AP1 30-025-26577

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

2040

FACILITY CONTACT:

Date:

6-13-18

Signature of Contact: (Agent for ConocoPhillips)

Kayla Layelon

NAME OF TRANSPORTER (Driver):

Date: 6-13-18

Signature Driver: Jose Me

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

6-13-18

Representative



•			Custon	20" C	ONOCOPHILL	IDC		Ti-14.4.	700-90226		
			3		011000Ffill	3		Ticket #: Bid #:			
ENVIRONMENTAL SOLUTIONS Permian Basin Facility: CRI Product / Service		Ordere AFE #: PO #: Manife: Manif. I Hauler: Driver Truck # Card #	Ordered by: KAYLA TAY AFE #: PO #: Manifest #: 9 Manif. Date: 6/13/2018 Hauler: MCNABB P. Driver LEO Truck # M32			YLOR Date: Generator: Generator #: Well Ser. #: Well Name:			O6UJ9A0009Z1 6/13/2018 CONOCOPHILLIPS 26577 EAST VACUUM GSA UNIT 001 NON-DRILLING LEA (NM)		
Facility CDI								·			
Facility: CRI											
Product / Service	e					Q	uantity Ü	nits	gradus en gradus en la		
Contaminated S	oil (RCR	A Exempt)					18.00 y	ards			
	Cell	pΗ	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0	······································					
Generator Certi I hereby certify th 1988 regulatory d X RCRA Exemy RCRA Non-E characteristics est amended. The fol MSDS Inform	at accordinated the control of the c	ng to the Reson, the above d wastes gen l field waste in RCRA regulumentation	ource Conse e described w herated from which is nor lations, 40 C is attached to	rvation and vaste is: oil and gas n-hazardous FR 261.21- o demonstra	exploration and s that does not e: -261.24 or listed ate the above-de	productio sceed the r hazardou scribed wa	n operations ninimum sta s waste as de aste is non-h	and are not mix ndards for wast fined in 40 CFI azardous, (Chec	sed with non-e te hazardous b R, part 261, su kk the appropri	xempt waste y bpart D, as	
Driver/ Agent S	gnature	E1. 1	·	٠.	R360 R	epresent	ative Signa	ture	· 		
Customer Appro	oval			_				ene un			

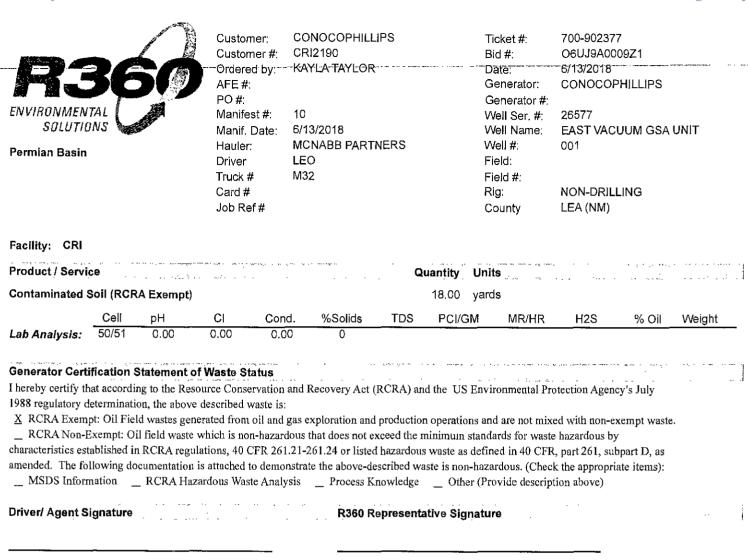
THIS IS NOT AN INVOICE!

Approved By:		Date:	
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t6UJ9A0106BJ

TRANSPORTER'S MANIF	LOI
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M	NIFEST#
SHIPPING FACILITY NAME ConocoPhillips Company 600 N. Dairy Ashford Rd, Hous Attn. Neal Goates N.Goates@conocophillips.com 832.486.2425	
LOCATION OF MATERIALS ConocoPhillips Co. EVGSAU 2923-001 Section 29 - Township 17 Sout Lea County, New Mexico	トキャー マン・マン・マン・マン・マン・マン・マン・マン・マン・マン・マン・マン・マン・マ
TRANSPORTER NAME ANI	ADDRESS:
McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050	
DESCRIPTION OF WASTE: Impacted Soil	QUANTITY: \\$
FACILITY CONTACT:	
Date: 6/13/18	Signature of Contact: Kayla Jayler (Agent for ConocoPhillips)
NAME OF TRANSPORTER (Driver):
Date: 6-13-18	Signature Driver: Les Lucione
DISPOSAL SITE:	
R360 P.O. Box 388 Hobbs, New Mexico 88241 Date: 424	Representative \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
611	Signature



THIS IS NOT AN INVOICE!

Approved By: _____ Date: ____

t6UJ9A0106NE 6/15/2018 10:29:11AM

Customer Approval

MANIFEST# _

SHIPPING FACILITY NAME & ADDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832.486.2425

LOCATION OF MATERIAL:

ConocoPhillips Co.

EVGSAU 2923-001

Section 29 - Township 17 South - Range 35 East,

Lea County, New Mexico

TRANSPORTER NAME AND ADDRESS:

McNabb Partners

4008 N. Grimes

Hobbs, New Mexico 88240

575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

18 yd

FACILITY CONTACT:

Date:

10-13-18

(Agent for ConocoPhillips) Longler Jay lon

NAME OF TRANSPORTER (Driver):

Date:

6-13-18

Signature Driver:

API 30-025-26577

DISPOSAL SITE:

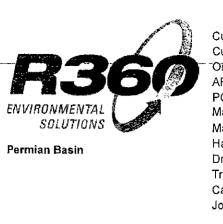
R360

P.O. Box 388

Hobbs, New Mexico 88241

Date: 6/3/10

Representative



Customer:	CONOCOPHILLIPS	Ticket #:	700-902429
Customer #:	CRI2190	Bid #:	O6UJ9A0009Z1
Ordered by:	KAYLA TAYLOR	Date:	6/13/2018
AFE#:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	` 11	Well Ser, #:	26577
Manif, Date:	6/13/2018	Well Name:	EAST VACUUM GSA UNI
Hauler:	MCNABB PARTNERS	Well #:	001
Driver	LEO	Field:	
Truck #	M32	Field #:	
Card#		Rig:	NON-DRILLING
Job Ref#		County	LEA (NM)

Facility: CRI											
Product / Servi					e e e energia i i se a energia.	Q	uantity Uni	ts	and production and a		
Contaminated :	Soil (RCR	A Exempt)				18.00 yard				
	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 the 1988 regulatory of X RCRA Exem RCRA Non-1 characteristics estamended. The form MSDS Inform Driver/ Agent S	eterminati pt: Oil Fie Exempt: O ablished in llowing do nation	on, the above the description of	ve described venerated from e which is no ulations, 40 on is attached	waste is: a oil and gas on-hazardous CFR 261.21- to demonstra	exploration and that does not e 261.24 or listed the the above-double Process K	(RCRA) and production accept the production	nd the US Envi n operations an minimum stand s waste as defir aste is non-haza	d are not mixe ards for waste ned in 40 CFR, ardous. (Check ovide descripti	d with non-e hazardous b part 261, su the appropri	exempt wast y bpart D, as	e
Customer Appr	oval	-			~·						
				THIS	IS NOT	AN IN	IVOICE!				

Date: _

t6UJ9A0106QS 6/15/2018 10:29:12AM

Approved By:

MANIFEST# _____

SHIPPING FACILITY NAME & ADDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832.486.2425

LOCATION OF MATERIAL:

ConocoPhillips Co.

EVGSAU 2923-001

Section 29 - Township 17 South - Range 35 East,

Lea County, New Mexico

API 30.025-26577

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575,397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

18 yb.

FACILITY CONTACT:

Date: (2 - 13 - 18)

Signature of Contact:

(Agent for ConocoPhillips)

Kayla Jaylo

NAME OF TRANSPORTER (Driver):

Date: 6-13-18

Signature Driver: Les James

DISPOSAL SITE:

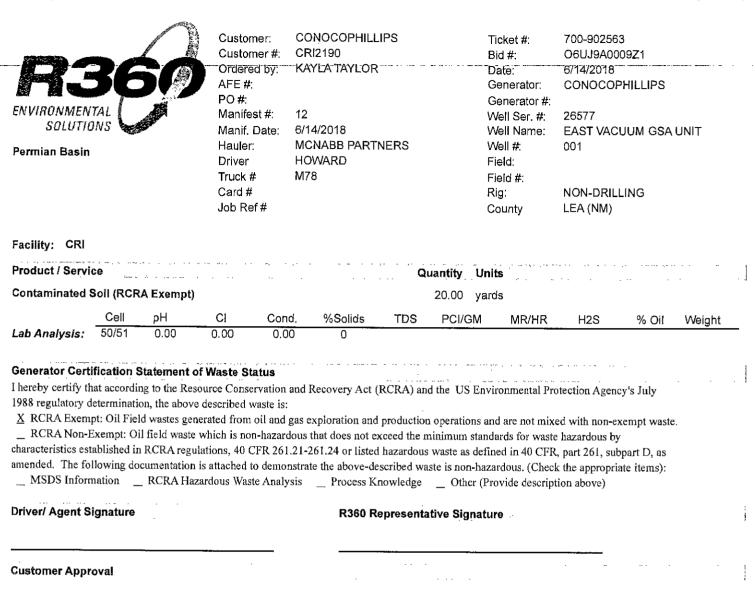
R360

P.O. Box 388

Hobbs, New Mexico 188241

Date:

Representative



THIS IS NOT AN INVOICE!

Approved By:	Date:	
• • • • • •	24.0.	

t6UJ9A01073I 6/15/2018 10:29:12AM

MANIFEST # SHIPPING FACILITY NAME & ADDRESS: ConocoPhillips Company 600 N. Dairy Ashford Rd, Houston, TX 77079 Attn. Neal Goates N.Goates@conocophillips.com 832.486.2425 LOCATION OF MATERIAL: API 30-025-26577 ConocoPhillips Co. EVGSAU 2923-001 Section 29 - Township 17 South - Range 35 East, Lea County, New Mexico TRANSPORTER NAME AND ADDRESS: McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050 **DESCRIPTION OF WASTE:** 20 yds Impacted Soil QUANTITY:

FACILITY CONTACT:

Date: (0 - 14 - 18)

(Agent for ConocoPhillips) A CULLA JULLA

NAME OF TRANSPORTER (Driver):

Date:

Signature Driver:

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Representative Signature



	Customer: Customer#:		Ticket #: Bid #:	700-902567 O6UJ9A0009Z1
R360	Ordered by: AFE #: PO #:	KAYLA TAYLOR	Date: Generator: Generator #:	6/14/2018 CONOCOPHILLIPS
ENVIRONMENTAL SOLUTIONS	Manifest #: Manif, Date:	13 6/14/2018	Well Ser. #; Well Name;	26577 EAST VACUUM GSA UNIT
Permian Basin	Hauler: Driver Truck #	MCNABB PARTNERS JOE M82	Well #: Field: Field #:	001
	Card# Job Ref#		Rig: County	NON-DRILLING LEA (NM)
Facility: CRI				

Facility: CRI											
Product / Servi	ce	· · / · · · · · · · · · · · · · · · · ·				Q	uantity Uni	ts			
Contaminated S	Soil (RCR	A Exempt))				20.00 yard	ds			
	Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2\$	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						
Generator Certify the 1988 regulatory of X RCRA Exem RCRA Non-Incharacteristics est amended. The form MSDS Information of the control of the	at accordinetermination of the control of the contr	ng to the Re on, the abov d wastes ge I field waste RCRA region	source Conse te described valuerated from the which is no ulations, 40 (a is attached	ervation and waste is: oil and gas con-hazardous CFR 261.21- to demonstra	exploration and that does not e 261.24 or listed te the above-de	(RCRA) and production in the p	n operations an minimum stand s waste as defin aste is non-haza	d are not mixe ards for waste led in 40 CFR, ardous. (Check	d with non-e hazardous by part 261, sui the appropri	xempt waste y bpart D, as	
Driver/ Agent S	ignature				R360 R	epresent	ative Signatu	re	- 1		-
Customer Appr	oval		- 	THIS	IS NOT	AN IN	IVOICE!				

Date:

t6UJ9A01074O 6/15/2018 10:29:13AM

Approved By:

MANIFEST#	13
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SHIPPING FACILITY NAME & ADDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832,486,2425

LOCATION OF MATERIAL:

ConocoPhillips Co.

EVGSAU 2923-001

Section 29 - Township 17 South - Range 35 East,

Lea County, New Mexico

TRANSPORTER NAME AND ADDRESS:

McNabb Partners

4008 N. Grimes Hobbs, New Mexico 88240

575,397,0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

20 yds

FACILITY CONTACT:

Date:

10-14-18

Signature of Contact:

(Agent for ConocoPhillips)

Keyla Saylor

API 30-025-26577

NAME OF TRANSPORTER (Driver):

Date: 6-14-18

Signature Driver: And

TD.

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

6-14-18

Representative



Customer: Customer#: CRI2190

KAYLA TAYLOR

Ordered by: AFE #: PO #:

Manifest #: 14 Manif. Date:

Hauler: Driver Truck #

Card# Job Ref# CONOCOPHILLIPS

6/14/2018 MCNABB PARTNERS

LEO 18

Ticket #: Bid #:

700-902572 O6UJ9A0009Z1

Date: 6/14/2018

Generator: CONOCOPHILLIPS

Generator #:

26577 Well Ser. #:

Well Name: EAST VACUUM GSA UNIT

Well #: 001

Field: Field #:

Rig: NON-DRILLING

LEA (NM) County

Facility: CRI

Product / Servi	ce			•				ts			and the second of the second	
Contaminated 8	Soil (RCR	RA Exempt)				18.00 yard	ds				
	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 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)

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Custo	omer	App	orova	l

Driver/ Agent Signature

THIS IS NOT AN INVOICE!

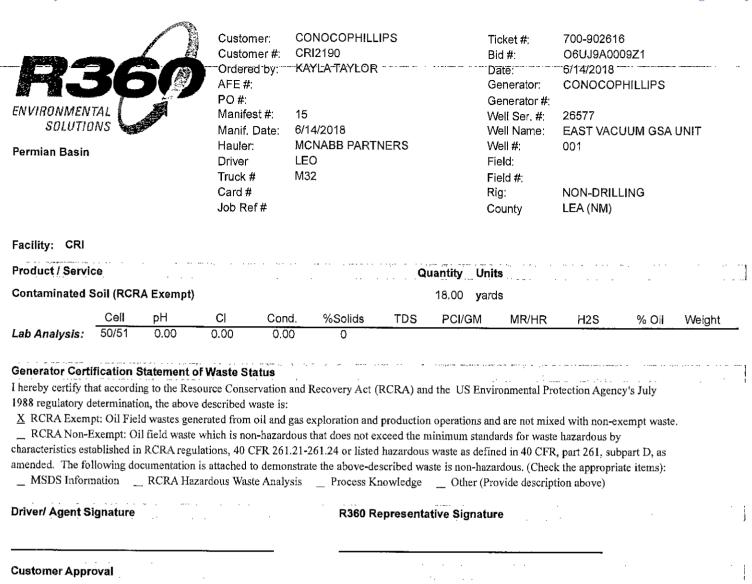
R360 Representative Signature

Approved By:	Date:
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SHIPPING FACILITY NAME	E & ADDRESS:		
ConocoPhillips Company			
600 N. Dairy Ashford Rd, Hous	ton, TX 77079		
Attn. Neal Goates			
N.Goates@conocophillips.com 832.486.2425			
832.480.2423			
LOCATION OF MATERIALS			
ConocoPhillips Co.			
EVGSAU 2923-001		API	30-025-26517
Section 29 - Township 17 Sout	h - Range 35 East,	•	.,
Lea County, New Mexico			
TRANSPORTER NAME AND	ADDRESS:		<u></u>
McNabb Partners			
4008 N. Grimes			
Hobbs, New Mexico 88240			
575.397.0050			
DESCRIPTION OF WASTE:	,		
Impacted Soil	QUANTITY:	18 6	140
Impuesed Son	Quintilli.	10 0	107
FACILITY CONTACT:			
Date: $(\circ -) \mathcal{L} -) \mathcal{S}$	Signature of Co	ntact:	Kayla Jeylor
0 ()	(Agent for Conoc	oPhillips)	Mender Mondre
NAME OF TRANSPORTER ((Driver):		
Date: 6-14-18	Signature Drive	r: Lew	Luna
DISPOSAL SITE:			
R360			
P.O. Box 388			
Hobbs, New Mexico 88241			

Representative Signature

. Released to Imaging: 1/12/2022 3:19:30 PM



Date:

THIS IS NOT AN INVOICE!

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Approved By:

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MANIFEST #	15

MA.	NIFESI#
SHIPPING FACILITY NAME ConocoPhillips Company 600 N. Dairy Ashford Rd, Housto Attn. Neal Goates N.Goates@conocophillips.com 832.486.2425	
LOCATION OF MATERIAL: ConocoPhillips Co. EVGSAU 2923-001 Section 29 - Township 17 South Lea County, New Mexico	AP 30 - 625 - 2457 - Range 35 East,
TRANSPORTER NAME AND	ADDRESS:
McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050	
DESCRIPTION OF WASTE: Impacted Soil	QUANTITY: 18 yd.
FACILITY CONTACT:	
Date: 6 - 14-18	Signature of Contact: (Agent for ConocoPhillips) Kayla Jaylo
NAME OF TRANSPORTER (I	Oriver):
Date: 6-14-18	Signature Driver:
DISPOSAL SITE:	
R360 P.O. Box 388 Hobbs, New Mexico 88241	
Date:	Representative / Museum Signature



ENVIRONMEN SOLUTIO Permian Basin			Customer: Customer f Customer f Cordered by AFE #: PO #: Manifest #: Manif. Date Hauler: Driver Truck # Card # Job Ref #	#: CR v: NE: 16 e: 6/1				Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-90266. 06UJ9A00 6/14/2018 CONOCOF 26577 EAST VAC 001 NON-DRILL LEA (NM)	09Z1 PHILLIPS UUM GSA	UNIT
Facility: CRI											
Product / Servi		a server of the server of		·		Qi	antity (Units			
Contaminated :	Soil (RCR/	A Exempt)					18.00 y				
	Cell	рН	CI C	ond,	%Solids	TDS	PCI/GN	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						
RCRA Non-I characteristics est amended. The fo MSDS Inform	nat according letermination pt: Oil Field Exempt: Oil sablished in llowing documention	g to the Resoun, the above do wastes gener field waste	arce Conservations and the conservations are detected from oil and thich is non-hartions, 40 CFR attached to de	ion and I is: ind gas e zardous 261.21-2 monstrat	exploration and p that does not exc 261.24 or listed l te the above-des Process Kn	production ceed the m hazardous cribed wa owledge	operations inimum st waste as d ste is non-l Other	s and are not mix andards for waste lefined in 40 CFR hazardous. (Chec (Provide descrip	ed with non-e: hazardous by , part 261, sub k the appropri	xempt waste opart D, as	Tomore the second secon
Driver/ Agent S	ignature				R360 Re	presenta	tive Sign	ature .		-	"
Customer Appr	oval										1
			7	CHIS	IS NOT	או אַ	VOICE	=1			

Approved By: Date:

t6UJ9A0107GE 6/15/2018 10:29:14AM

TRANSPORTER'	SI	MA	NIFEST
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MANIFEST# _ LC

SHIPPING F.	ACILITY	NAME	& ADDR	ESS:
ConocoPhilli	os Compa	ny		

600 N. Dairy Ashford Rd, Houston, TX 77079 Attn. Neal Goates

N.Goates@conocophillips.com 832,486,2425

LOCATION OF MATERIAL:

ConocoPhillips Co. EVGSAU 2923-001

Section 29 - Township 17 South - Range 35 East,

Lea County, New Mexico

API 30-025-26577

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

18 nd

FACILITY CONTACT:

Date: 10-14-19

Signature of Contact:

(Agent for ConocoPhillips)

Rayla Saylor

NAME OF TRANSPORTER (Driver):

6-14-18 Date:

Signature Driver:

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative

MANIFEST#	

SHIPPING FACILITY NAME & ADDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832.486.2425

LOCATION OF MATERIAL:

ConocoPhillips Co.

MCA Battery 1 EVGS LU 2573 - 001

Section 39 - Township 19-South - Range 32 East,

Lea County, New Mexico

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575,397,0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

18483

FACILITY CONTACT:

Date:

6/28/18

Signature of Contact:

(Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date: 6-28-18

Signature Driver:

Eles Lun

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative

1

SHIPPING FACILITY NAME & ADDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832.486.2425

LOCATION OF MATERIAL:

ConocoPhillips Co.

MCA Battery 1 EV6SAU 2573 - 001

Section 34 - Township 15 South - Range 32 East,

Lea County, New Mexico

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

18483

FACILITY CONTACT:

Date:

6/28/18

Signature of Contact:

(Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date: 6-28-18

Signature Driver:

Eleo Sum

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative

Received by OCD: 6/8/2020 1:29:36 PM Customer: 700-90660 Page 185 of 213 CONOCOPHILLIPS Ticket #: Customer #: CRI2190 Bid #: O6UJ9A0009Z1 Ordered by: CLINT MARRITT Date: 6/28/2018 CONOCOPHILLIPS Generator: AFE #: PO #: Generator #: Manifest #: Well Ser. #: 999908 SOLUTIONS Well Name: EAST VACUUM GSA UNIT Manif. Date: 6/28/2018 Well #: MCNABB PARTNERS 2923-001 Hauler: Permian Basin Field: **LEO** Driver Field #: M32 Truck # NON-DRILLING Card # Rig: Job Ref# County LEA (NM) Facility: CRI **Quantity Units Product / Service** 18.00 yards Contaminated Soil (RCRA Exempt) CI Cond. %Solids TDS PCI/GM MR/HR H₂S % Oil Weight Cell Hq 0.00 Lab Analysis. 50/51 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 with non-ex 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 10, a amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate item MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above) R360 Reprasentative Signature **Driver/ Agent Signature Customer Approval** THIS IS NOT AN INVOICE!

Date:

Approved By:

MANIFEST# 2

SHIPPING FACILITY NAME & ADDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079 Attn. Neal Goates

N.Goates@conocophillips.com

832.486.2425

LOCATION OF MATERIAL:

ConocoPhillips Co.

MCA Battery 1 EVGSAL 2423 - 001

Section 36 - Township 15 South - Range 26 East,

Lea County, New Mexico

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

15 yards

FACILITY CONTACT:

Date:

Signature of Contact:

(Agent for ConocoPhillips)

66/5

NAME OF TRANSPORTER (Driver):

Date: 6 - 28 - 18

6/28/18

Signature Driver:

Germen To

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative

Received by OCD: 6/8/2020 1:29:36 PM Customer: 700-906605 Page 187 of 213 CONOCOPHILLIPS Ticket #: Customer #: CRI2190 F O6UJ9A0009Z1 Bid #: Ordered by: CLINT MERIT Date: 6/28/2018 CONOCOPHILLIPS AFE #: Generator: PO #: Generator #: ENVIRONMENTAL Manifest #: Well Ser. #: 999908 Manif. Date: 6/28/2018 Well Name: EAST VACUUM GSA UNIT Well #: 2923-001 Hauler: MCNABB PARTNERS Permian Basin Field: **GUMER** Driver M31 Field #: Truck # Card# Rig: NON-DRILLING Job Ref# County LEA (NM) Facility: CRI **Product / Service Quantity Units** Contaminated Soil (RCRA Exempt) 15.00 yards TDS PCI/GM Cell Cond. %Solids MR/HR H2S % Oil Weight Lab Analysis: 50/51 0.00 0.00 0.00 **Generator Certification Statement of Waste Status** I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt w 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 1), a amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate item MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above) **Driver/ Agent Signature** R360 Representative Signature **Customer Approval** THIS IS NOT AN INVOICE! Approved By: Date:

MANIFEST# 3

S 1	11P	PIN	GF.	ACILIT	Y	NAME	X	AD	D	RES	5:
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ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832.486.2425

LOCATION OF MATERIAL:

ConocoPhillips Co.

MCA Battery 1 7173 - 001

7 (Section 36 - Township South - Range East,

Lea County, New Mexico 7

7.

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240

575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

18 4d

FACILITY CONTACT:

Date:

Signature of Contact:

(Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date: 6 28-18

Signature Driver:

1/2 /

APIH

30.025 -26577

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative

Received by OCD: 6/8/2020 1:29:36 1 ENVIRONMENTAL SOLUTIONS Permian Basin	Customer: CONOCOPHILLIPS Customer #: CRI2190 Ordered by: AFE #: PO #: Manifest #: 3 Manif. Date: 6/28/2018 Hauler: MCNABB PARTNERS Driver LEO Truck # M32 Card # Job Ref #		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County		999908			
Facility: CRI								
Product / Service	138787500		Q	uantity Un	its	10713		BF.
Contaminated Soil (RCRA Exem	pt)			18.00 y	ards			
Cell pH	CI Con-	d. %Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis: 50/51 0.00	0.00 0.0	0 0						
Generator Certification Stateme I hereby certify that according to the I 1988 regulatory determination, the above X RCRA Exempt: Oil Field wastes a RCRA Non-Exempt: Oil field wastes a characteristics established in RCRA reamended. The following documentation MSDS Information RCRA I	Resource Conserve described was generated from of ste which is non- egulations, 40 CF on is attached to	vation and Recoverste is: il and gas explorate that do R 261.21-261.24 of demonstrate the a	ntion and poes not exc or listed has above-desc	oroduction of seed the min azardous was cribed waste	perations and imum standa ste as defined is non-hazar	l are not mix rds for waste d in 40 CFR, dous. (Chec	ed with nor hazardous part 261, so k the appro	n-exempt was by ubpart D, a priate item.
Driver/ Agent Signature	R360 I	R360 Representative Signature						
Customer Approval	AP STEEL		152 A L	00	ies Contain	TENEN.		BONGS:
	THI	S IS NOT	AN IN	VOIC	E!			
Approved By:			D	nto:				

MANIFEST# 4

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832,486,2425

LOCATION OF MATERIAL:

ConocoPhillips Co.

MCA Battery I EVO GSA 29 23 1

Section - Township - South - Range - East, Lea County, New Mexico 35

API#

30-025-26577

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes

Hobbs, New Mexico 88240

575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

15 445

FACILITY CONTACT:

6/28/18

Date:

Signature of Contact:

(Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date: 6 - 28 - 18

Signature Driver:

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative

700-90668 Page 191 of 213 Received by OCD: 6/8/2020 1:29:36 PM Customer: CONOCOPHILLIPS Ticket #: Customer #: CRI2190 Bid #: O6UJ9A0009Z1 Ordered by: CLINT MARRITT 6/28/2018 Date: CONOCOPHILLIPS AFE #: Generator: PO #: Generator #: ENVIRONMENTAL Manifest #: Well Ser. #: 999908 SOLUTIONS Manif. Date: 6/28/2018 Well Name: EAST VACUUM GSA UNIT MCNABB PARTNERS Well #: 2923-001 Hauler: Permian Basin **GUMER** Field: Driver Truck # M31 Field #: Card# Rig: **NON-DRILLING** Job Ref# LEA (NM) County Facility: CRI **Product / Service Quantity Units** Contaminated Soil (RCRA Exempt) 15.00 yards Cell Cond %Solids TDS PCI/GM MR/HR H₂S % Oil Weight pH Lab Analysis, 50/51 0.00 0.00 0.00 **Generator Certification Statement of Waste Status** I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt w 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 1), a amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate item _ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above) **Driver/ Agent Signature R360 Representative Signature**

THIS IS NOT AN INVOICE!

Approved By: _____ Date: ____

Customer Approval

MANIFEST # _ 5

SHIPPING FACILITY NAME & ADDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832.486.2425

LOCATION OF MATERIAL:

API# 30-025- 76577

ConocoPhillips Co.

MCA Battery | EV & Crss Unit 24 23 1

Section - Township South - Range Last,

Lea County, New Mexico 7

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

18 yards

FACILITY CONTACT:

Date:

6/28/19

Signature of Contact:

(Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date: 6 28 18

Signature Driver:

Che La

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative

Page 193 of 213 Received by OCD: 6/8/2020 1:29:36 PM CONOCOPHILLIPS 700-906765 Ticket #: Customer: Customer #: CRI2190 Bid #: O6UJ9A0009Z1 Ordered by: CLINT MARRITT Date: 6/28/2018 AFE #: Generator: CONOCOPHILLIPS PO #: Generator #: ENVIRONMENTAL Manifest #: 5 Well Ser. #: 999908 SOLUTIONS Manif. Date: 6/28/2018 Well Name: EAST VACUUM GSA UNIT MCNABB PARTNERS Well #: 2923-001 Hauler: Permian Basin Driver LEO Field: M8232 Truck # Field #: **NON-DRILLING** Card# Rig: Job Ref# County LEA (NM) Facility: CRI Product / Service **Quantity Units** Contaminated Soil (RCRA Exempt) 18.00 yards Cell Cond. %Solids TDS PCI/GM MR/HR H₂S % Oil Weight Lab Analysis: 50/51 0.00 0.00 0.00 O **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 was 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 10. as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items) MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above) **Driver/ Agent Signature R360 Representative Signature Customer Approval**

THIS IS NOT AN INVOICE!

Approved By: _____ Date: ____

MANIFEST#	6	
IVIAINIE DO I #		

SHIPPING FACILITY NAME & ADDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832.486.2425

LOCATION OF MATERIAL:

ConocoPhillips Co.

MCA Battery 1 EV Co

Section 30 - Township South - Range East, Lea County, New Mexico 35

API# 30-025-26577

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

15 yards

FACILITY CONTACT:

Date:

6/28/1

Signature of Contact:

(Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

er):
Signature Driver:

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative

Page 195 of 213 Received by OCD: 6/8/2020 1:29:36 PM 700-906766 CONCCOPHILLIPS Ticket #: Customer: Customer #: CRI2190 Bid #: O6UJ9A0009Z1 Ordered by: CLINT MARRITT 6/28/2018 Date: CONOCOPHILLIPS Generator: AFE #: PO #: Generator #: Well Ser. #: 999908 Manifest #: SOLUTIONS Manif. Date: 6/28/2018 Well Name: EAST VACUUM GSA UNIT Well #: 2923-001 Hauler: MCNABB PARTNERS Permian Basin Field: **GUMER** Driver M31 Truck # Field #: **NON-DRILLING** Card # Rig: Job Ref# County LEA (NM) Facility: CRI **Quantity Units Product / Service** 15.00 yards Contaminated Soil (RCRA Exempt) %Solids TDS PCI/GM MR/HR H₂S % Oil Weight Cell Cond. Lab Analysis. 50/51 0.00 0.00 0.00 **Generator Certification Statement of Waste Status** I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt was 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) **R360 Representative Signature Driver/ Agent Signature Customer Approval** THIS IS NOT AN INVOICE! Approved By: Date:

MANIFEST #	7

SHIP	PING	FACIL	ITY NA	ME & Al	DDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832.486.2425

LOCATION OF MATERIAL:

ConocoPhillips Co.

MCABATTETY + EVBSAL 2923-001

Section 30 - Township 15 South - Range 32 East,

Lea County, New Mexico

API# 30.025 - 26577

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575,397,0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

18912

FACILITY CONTACT:

Date:

Signature of Contact:

(Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date: 6-28-18

6/28/18

Signature Driver: Cles Leura

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative

Received by OCD: 6/8/2020 1:29:36 PA	Customer #: Ordered by: AFE #: PO #: Manifest #:	CLINT MARRITT 7	E C V V S F F	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County				
Facility: CRI								
Product / Service			Quantity Uni	its				
Contaminated Soil (RCRA Exemp	t)	18.00 yards						
Cell pH Lab Analysis: 50/51 0.00	CI Cond		PCI/GM	MR/HR	H2S	% Oil	Weight	
Generator Certification Statement I hereby certify that according to the Re 1988 regulatory determination, the abov X RCRA Exempt: Oil Field wastes ge RCRA Non-Exempt: Oil field wastes characteristics established in RCRA reg amended. The following documentation MSDS Information RCRA Ha	source Conserve described wan nerated from oie which is non-lulations, 40 CF is attached to	vation and Recovery Act ste is: il and gas exploration an hazardous that does not on the R 261.21-261.24 or listed demonstrate the above-demonstrate Trocess I	d production op exceed the mini hazardous was escribed waste Knowledge	perations and mum standar te as defined is non-hazar Other (Pro	l are not mixe rds for waste I in 40 CFR, dous. (Check	ed with non hazardous part 261, su the approp	exempt by abpart D. briate iten	
Driver/ Agent Signature		R360 Repres	entative Sigr	nature		SMS-WK."		
Customer Approval		1715-1750	(4)	s ser and	Trans.			
	THIS	S IS NOT AN	INVOICE	E !				
Approved By:			Date:					

MANIFEST# &

SHIPPING FACILITY NAME & ADDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832.486.2425

LOCATION OF MATERIAL:

ConocoPhillips Co.

MCA Bettery | EV65 AU 7423 - 001

Section Township South - Range East,

Lea County, New Mexico

#441 30.025-26577

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

1541ds

FACILITY CONTACT:

Date:

6/28/18

Signature of Contact:

(Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date: 6-28-18

er):
Signature Driver: Gunty Rd

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative

Received by OCD: 6/8/2020 1:29:36 PM Customer: Page 199 of 213 CONOCCPHILLIPS Ticket #: 700-906844 Customer #: CRI2190 Bid #: O6UJ9A0009Z1 Ordered by: CLINT MARRITT Date: 6/28/2018 CONOCOPHILLIPS AFE #: Generator: PO #: Generator #: ENVIRONMENTAL Manifest #: Well Ser. #: 999908 SOLUTIONS Manif. Date: 6/28/2018 Well Name: EAST VACUUM GSA UNIT MCNABB PARTNERS Well #: 2923-001 Hauler: Permian Basin **GUMER** Field: Driver Truck # 15 Field #: Card # Rig: NON-DRILLING Job Ref# County LEA (NM) Facility: CRI Product / Service **Quantity Units** Contaminated Soil (RCRA Exempt) 15.00 yards Cell Cond. %Solids TDS PCI/GM MR/HR H₂S pH % Oil Weight Lab Analysis, 50/51 0.00 0.00 0.00 **Generator Certification Statement of Waste Status** I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt was 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) **R360 Representative Signature Driver/ Agent Signature Customer Approval** THIS IS NOT AN INVOICE!

Approved By: Date:

MANIFEST # _ 7

SHIPPING FACILITY NAME & ADDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079 Attn. Neal Goates N.Goates@conocophillips.com 832.486.2425

LOCATION OF MATERIAL:

ConocoPhillips Co.

MCABattery+ EV6SQL 2923 - 001

Section 30 : Township \$7 South - Range 22 East, Lea County, New Mexico 17 AP/# 30-025

76577

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

15 gards

FACILITY CONTACT:

Date:

E/20/16

Signature of Contact:

(Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date: 6 - 29 - 18

Signature Driver:

Lumr Rdy

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative

ENVIRONMENTAL SOLUTIONS Permian Basin	Custome Custome Custome Ordered AFE #: PO #: Manifest Manif. D Hauler: Driver Truck # Card #	Customer: CONOCOPHILLIPS Customer #: CRI2190 Ordered by: CLINT MERIT AFE #: PO #: Manifest #: 07 Manif. Date: 6/29/2018 Hauler: MCNABB PARTNERS Driver GUMER Truck # M31			Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County				
Facility: CRI									
Product / Service		250		Qı	uantity Uni	its			
Contaminated Soil (RCRA E	xempt)				15.00 ya	irds			
Cell pH Lab Analysis: 50/51 0.00		Cond. 0.00	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weig
Generator Certification Stat I hereby certify that according to 1988 regulatory determination, th X RCRA Exempt: Oil Field wa RCRA Non-Exempt: Oil fiel characteristics established in RC amended. The following docume MSDS Information RC Driver/ Agent Signature	the Resource Co the above describe stes generated frought d waste which is RA regulations, 4 entation is attache	onservation ed waste om oil an non-haza to CFR 2 ed to den Waste An	on and Recoveris: and gas exploral ardous that do 61.21-261.24 of nonstrate the a alysis Pi	tion and p es not exc or listed had bove-desc rocess Kno	roduction op eed the mini azardous was cribed waste	perations and mum standar ste as defined is non-hazar Other (Pro	l are not mix rds for waste l in 40 CFR, dous. (Checl	ed with none hazardous part 261, so	n-exemp by ubpart I priate it
Customer Approval	106150		470 04 10	C)	10.00	. 0.5.1		-565
	T	HIS	IS NOT	AN IN	VOICE	E!			
Approved By:				Da	ate:				

MANIFEST# &

SHIPPING FACILITY NAME & ADDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079 Attn. Neal Goates N.Goates@conocophillips.com 832.486.2425

LOCATION OF MATERIAL:

ConocoPhillips Co.

MCA Battery 1 EUGSAU 7123 - 001

Section 36 - Township 15 South - Range 32 East,

Lea County, New Mexico 7

AP/+ 30-025- 26577

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575,397,0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

15 sads

FACILITY CONTACT:

Date:

6/29/18

Signature of Contact:

(Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date: (-29-) 8

Signature Driver: Turney

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative

Received by OCD: 6/8/2020 1:29:36 PM Customer: 700-90706. Page 203 of 213 **CONOCOPHILLIPS** Ticket #: Customer #: CRI2190 Bid #: O6UJ9A0009Z1 Ordered by: CLINT MERIT Date: 6/29/2018 Generator: CONOCOPHILLIPS AFE #: PO #: Generator #: ENVIRONMENTAL Manifest #: Well Ser. #: 999908 SOLUTIONS Manif. Date: 6/29/2018 Well Name: EAST VACUUM GSA UNIT Hauler: MCNABB PARTNERS Well #: 2923-001 Permian Basin Driver **GUMER** Field: M31 Field #: Truck # **NON-DRILLING** Card# Rig: Job Ref# County LEA (NM) Facility: CRI **Product / Service Quantity Units** Contaminated Soil (RCRA Exempt) 15.00 yards Cell CI Cond. %Solids TDS PCI/GM MR/HR % Oil pH H₂S Weight Lab Analysis: 50/51 0.00 0.00 0.00 **Generator Certification Statement of Waste Status** I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt w 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, a amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate item _ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above) **Driver/ Agent Signature R360 Representative Signature Customer Approval** THIS IS NOT AN INVOICE! Approved By: Date:

MANIFEST# 4

	SHIPPING	FACIL	ITY NAME	& ADDRESS:
--	----------	--------------	----------	------------

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079 Attn. Neal Goates

N.Goates@conocophillips.com 832.486.2425

LOCATION OF MATERIAL:

ConocoPhillips Co.

MCA BARRY 1 2923-001

Section 30 - Township 17 South - Range 32 East, Sec. 29, Township 178, 35 East

Lea County, New Mexico

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

15

yards

API 30-025-26577

FACILITY CONTACT:

Date:

6/29/18

Signature of Contact:

(Agent for ConocoPhillips)

Kayla Saylor

NAME OF TRANSPORTER (Driver):

Date: 6 - 29 - 18

Signature Driver:

Lumor Rotz

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date: (0) 20 18

Representative

Released to Linging in 1/12/2022 3:19:30 PMircle one);

- TIANA 111

0-		INDEX VALUE ASSESSMENT OF THE SECOND	N HAZADOOHS OH SEE	D. VALO CTC-AA AAVIECCT	C+	nany Man Contest lef-
R360		NEW MEXICO NO	N-HAZARDOUS OILFIEL (PLEASE PRINT)	D WASTE MANIFEST	Name	pany Man Contact Inform
SUCCESSOR				AND SECTION	Phone No.	
	-		GENERATOR		NO. 319	129
Operator No.	Λ	A		it/RRC No.		- Bu V
Operators Name	MIDCS	DK111,05		e & No.	290	73-001
Address			Coun	The second second second second		
			APIN	lo. <u>3</u> /	0-025	-2657
City, State, Zip			Rig N	ame & No.		
Phone No.			AFE/	PO No		
	EXEMPT E&P W	aste/Service Identification a	and Amount (place volum			
Oil Based Muds Oil Based Cuttings		NON-INJECTABLE WATERS Washout Water (Non-Injecta	ble)	INJECTABLE W.		
Water Based Muds		Completion Fluid/Flow back ((Non-Injectable)	Completion Flu	iid/Flow back (Injectable	≘)
Water Based Cuttings Produced Formation Solid	ds	Produced Water (Non-Injecta Gathering Line Water/Waste		Produced Water	er (Injectable) Water/Waste (Injectab	le)
Tank Bottoms	/	INTERNAL USE ONLY		OTHER EXEMPT	WASTES (type and gener	ation process of the waste)
E&P Contaminated Soil Gas Plant Waste		Truck Washout (exempt wast	<u></u>			
WASTE GENERATION P	PROCESS:	DRILLING	COMPLETION	PRODUCTION	ı G	ATHERING LINES
		NON-EXEMPT	E&P Waste/Service Identifica	tion and Amount		
	All non-exempt E&P	waste must be analysed and be	below the threshold limits fo	r toxicity (TCLP), Ignitability, C	orrosivity and Reactivity	t
Non-Exempt Other			*ple	ose select from Non-Exempt	Waste List on back	
QUANTITY	15	B - BARREL	S L-U	QUID	Y - YARDS	E - EACH
EMERGENCY NON-	hazardous is atta MSDS Information MERILD. Emergency non-1	r listed hazardous waste as defiched. (Check the appropriate it in RCRA Hazar nazradous, non-oilfeild waste thin a desciption of the waste mu	ems as provided) rdous Waste Analysis nat has been ordered by the E	Other (Provide	Description Below)	
(PRINT) AUTHORI	IZED AGENTS NAME		7001:	<u> </u>	SIGNATU	RE
And the second second			TRANSPORTE	3		A PARTICIPATION AND ADDRESS OF THE PARTICIPATION AND ADDRESS OF TH
Transporter's	1. 1. 1. 1	D. 10 - 3		1	0.2	
Name //	ICNADD	TAITHEA		and the same of th	mer	
Address			The state of the s	Name		
Phone No.			Truck	e No.	3 1	
	have named material/s\ was	/were picked up at the General			disposal facility listed b	alow
Thereby certify that the at	bove named material(s) was	, were picked up at the deficial	tor a site listed above and der	vered without incident to the	disposal intenty fisted o	1110
SHIPMENT DATE		DRIVER'S SIGNATURE		DELIVERY DATE	0	RIVER'S SIGNATURE
TRU	CK TIME STAMP	DI	ISPOSAL FACIL	ITY	RECEIVING	G AREA
IN:	OUT:				ne/No.	151
Site Name/	Contact Makes and Makes		Dhaa			1
F 2 F	y Facility / NM1-006		Phor	e No. <u>-575-393-1079</u>		
	A SHARON AND AND AND AND AND AND AND AND AND AN	larker 66 Carlsbad, NM 88220	7			
	ADINGS TAKEN? (Circle One		The second second second	ES, was reading > 50 micro roo	entgens? (circle one)	YES NO
PASS THE PAIR	NT FILTER TEST? (Circle One	YES	NO	16		
	en e		TANK BOTTON	12		
1st Gauge	Feet	Inches		BS&W/BBLS Receive	ed	BS&W (%)
2nd Gauge				Free Wat		
Received				Total Receive	PILL	

ACCEPTED

DENIED

If denied, why?

AMAKY

MANIFEST#

SHIPPING FACILITY NAME & ADDRESS:

ConocoPhillips Company

600 N. Dairy Ashford Rd, Houston, TX 77079

Attn. Neal Goates

N.Goates@conocophillips.com

832.486.2425

LOCATION OF MATERIAL:

ConocoPhillips Co. MCA Battery 1

2923-001

Section 30 - Township 17 South - Range 32 East,

Lea County, New Mexico

API 30-025.26577

Sec. 29, Township 17,5, Range

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240

575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

20 y85

FACILITY CONTACT:

Date: 6 24 18

Signature of Contact:

(Agent for ConocoPhillips)

Kayla Saylor

NAME OF TRANSPORTER (Driver):

Date: /-- 29-18

Signature Driver: .

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative

R360	NEW MEXICO NON-HA	(PLEASE PRINT)	Name	
NV IRONMENTAL SOLUTIONS	-	(FEEXOL FRINT)	Phone No.	o si e
		ENERATOR	NO.2(1) 21 Q1	
			7 713136)
Operator No.	0/1/05	Permit/RRC No. Lease/Well	trolly can	7 2
Operators Name	opini p	Name & No.	LUSTUSTI	200
Address	1	County	7.2	P-4
		API No.	00-023-2657	1
City, State, Zip		Rig Name & No.	47.11	
Phone No.		AFE/PO No.	Non all 1	-
EXEMPT E	&P Waste/Service Identification and	Amount (place volume next to v	vaste type in barrels or cubic yards)	
Oil Based Muds	NON-INJECTABLE WATERS		INJECTABLE WATERS	-
Oil Based Cuttings	Washout Water (Non-Injectable)	Injectoble	Washout Water (Injectable) Completion Fluid/Flow back (Injectable)	
Water Based Muds Water Based Cuttings	Completion Fluid/Flow back (Non- Produced Water (Non-Injectable)	-injectable)	Produced Water (Injectable)	
Produced Formation Solids	Gathering Line Water/Waste (Nor	n-Injectable)	Gathering Line Water/Waste (Injectable)	
Tank Bottoms E&P Contaminated Soil	INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation pro	cess of the wa
Gas Plant Waste	Truck Washout (exempt waste)		Do the	
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTION GATHERI	NG LINES
	NON EYEMPT EVE	Waste/Service Identification and Am	ount	
All non-exemp			CLP), Ignitability, Corrosivity and Reactivity.	
Non-Exempt Other			rom Non-Exempt Waste List on back	
QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS	E - 6
RCRA EXEMPT: Oil field w load basis RCRA NON-EXEMPT: Oil field w 261.21-26	only) aste which is non-hazardous that does not 1.24, or listed hazardous waste as defined is attached. (Check the appropriate items	exceed the minimum standards for v by 40 CFR, part 261, subpart D, as an	e not mixed with non-exempt waste (R360 Accept waste hazardous by characteristics established in nended. The following documentation demonstra Other (Provide Description Below)	RCRA regula
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The second secon	MANIFEST #50
SHIPPING FACILITY NAME & AC	DDRESS:
Company: Course Phillips Co. Address: 600 N. Darry Ashford Roo Project Lead: Neal Gales	d, Houston, Ta 77079
LOCATION OF MATERIAL:	
Location: Conoco Phillips Co. Company: EVGSAU 2923-001	
S <u>39</u> T_	175 R 35E
Lea County, New Mexico	
TRANSPORTER NAME & ADDRE	ESS:
McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240	
DESCRIPTION OF WASTE:	
Impacted Soil	Quantity: 10 yards
FACILITY CONTACT:	
Date: 7-9-18	Contact Signature: (Agent for ConocoPhillips)
NAME OF TRANSPORTER: (Driv	er)
Date:	Driver Signature: Lumon Rd3
DISPOSAL SITE:	
Name of Disposal:	
Address: Date: A 1/6	Representative JV Signature:

ENVIRONMENTAL SOLUTIONS Permian Basin	6	0 1:29:36	Ordere AFE # PO #: Manife	mer #; Cled by: NI : est #: 50 Date: 7/ :: Mi G	EAL GOATE) 9/2018 CNABB PAR UMER	S	E C V V V F F F	ricket #: Bid #: Date: Generator: Generator # Vell Ser. #: Vell #: ield: rield #: Rig: County	999908	009Z1 PHILLIPS LLING	
Facility: CRI											
Product / Service		STATIST	EF ST	120	1135	Q	uantity Un	its			BW:
Contaminated Soi	I (RC	CRA Exen	npt)				10.00 ya	ards			
Ce	II	На	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis: 50/5	51	0.00	0.00	0.00	0						
Generator Certific I hereby certify that a 1988 regulatory deter X RCRA Exempt: 0 RCRA Non-Exer characteristics establi amended. The follow MSDS Information	ccord mina Oil Fi npt: (shed ving con	ling to the tion, the alield wastes Oil field win RCRA locumentar RCRA	Resource (pove descri generated aste which regulations tion is attac	Conservation bed waste from oil and is non-haze, 40 CFR 20 the decrease.	on and Recovis: Ind gas explorated that do 261.21-261.24 Industrate the analysis P	ation and poes not excordisted habove-des	production of ceed the mini azardous was cribed waste owledge	perations and mum standa ate as defined is con-hazar Other (Pro	I are not mix rds for waste I in 40 CFR,	ed with none hazardous part 261, s	n-exempt w by ubpart D, a priate items
Driver/ Agent Sign	atur	e		_	R360 I	Represéi	ntative Sigi	nature		-24.5	(March 1997)
Customer Approva	al	200,0		(2) (S)		MINE OF	1	MISK!	SECOND.	1 1	
				THIS	IS NOT	AN II	VOICE	E!			
Approved By:						D	ate:				

APPENDIX E Photographic Documentation

ConocoPhillips EVGSAU 2923-001 Lea County, New Mexico







View East Area of Excavation - Area of WSW-1



View Southwest-Area of ESW-1, SSW-1, AH-1

ConocoPhillips EVGSAU 2923-001 Lea County, New Mexico





View Southwest-Area of SSW-2, SSW-3



View West-Area of NSW-2, NSW-3, WSW-1

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

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

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

CONDITIONS

Action 8631

CONDITIONS

Operator:	OGRID:
CONOCOPHILLIPS COMPANY	217817
600 W. Illinois Avenue	Action Number:
Midland, TX 79701	8631
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	None	1/12/2022