

October 15, 2019

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

Via email:

emnrd-ocd-district1spills@state.nm.us

Re: **Closure Report**

ConocoPhillips Company

Battle Axe 27 Federal 2H Com Releases

Unit Letter A, Section 27, Township 26 South, Range 32 East

Lea County, New Mexico 1RP-4903, 1RP-4916 TT# 212C-MD-01269

Mr. Rickman:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips Company (COP) to evaluate, assess and remediate two releases that occurred at the Battle Axe 27 Federal 2H Com, Unit Letter A, Section 27, Township 26 South, Range 32 East, in Lea County, New Mexico (Site). The approximate release site coordinates are 32.019344°, -103.655959°. The site location is shown on Figures 1 and 2.

BACKGROUND

1RP-4903

According to the State of New Mexico C-141 Initial Report, the release was discovered on December 25, 2017, and approximately twenty-six (26) barrels of produced water and oil were released from a flowline leak. Approximately twenty (20) barrels of fluid were recovered. Immediate response action taken was to isolate the flow line, effectively stopping the release. The initial C-141 form is included in Appendix A.

1RP-4916

According to the State of New Mexico C-141 Initial Report, an additional release was discovered on January 4, 2018 and approximately sixty-one (61) barrels of produced water and oil were released from a flowline leak. Approximately fifty-five (55) barrels of fluid were recovered. Immediate action was to isolate the flow line, again effectively stopping the release. No fluids were recovered from the release. The initial C-141 form is included in Appendix A. On January 10, 2018, at the Battle Axe 27 Fed CTB a fire occurred after some liquid carry over to the flare was pushed out and ignited, causing a fire at the base of the flare. Fire remained on the pad and was extinguished shortly after by COP personnel. No RP was issued for this incident.

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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. However, the site is just inside the boundary of a high karst potential area. There were no wells listed in Section 27 on the New Mexico Office of the State Engineer's (NMOSE) website. There are nine (9) water wells listed for Township 26 South and Range 32 East, and the average depth to water is 239' below ground surface (bgs). The groundwater data and a karst potential map are provided in Appendix B.

REGULATORY FRAMEWORK

A risk-based evaluation was performed for the Site in accordance with the New Mexico Oil Conservation Division (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) and total petroleum hydrocarbons (TPH) in soil.

Based upon the Site characterization, the proposed RRALs are:

- Benzene: 10 milligrams per kilogram (mg/kg);
- Total BTEX (sum of benzene, toluene, ethylbenzene, and xylene): 50 mg/kg;
- TPH (GRO + DRO + ORO): 100 mg/kg (Based upon the karst potential);
- Based on the karst potential in the area, the proposed RRAL for chlorides is 600 mg/kg.

INITIAL SITE ASSESSMENT

On December 25, 2017, COP personnel were onsite to visually assess the initial release at Battle Axe 27 Federal Com 2H. The initial release was mapped, and photographs were taken of the impacted area. Based on the assessment, ConocoPhillips was able to prepare a Corrective Action Plan (CAP) for the release (1RP-4903), dated January 17, 2018. The CAP outlined sample locations in pooled areas in order to delineate the release. A second CAP (also dated January 17, 2018) was prepared for the additional release (1RP-4916) and also submitted to NMOCD.

The delineation and remediation activities were described within both CAPs submitted to NMOCD. Due to the releases having footprints which overlapped, COP requested that the same remediation be used for both releases. Email correspondence between NMOCD and COP indicated that NMOCD had approved the proposed delineation plan for both releases (1RP-4903 and 1RP-4916) on Feb 27, 2018. Approximate release extents are indicated in Figure 3.

REMEDIATION ACTIVITIES AND CONFIRMATION SAMPLING

From June 5 through July 19, 2018, Tetra Tech personnel were onsite to supervise the excavation and remediation activities at the Site. The excavated areas and depths of excavation are shown on Figure 4. The excavated areas ranged from 1.0 to 8.0 feet below surface. The excavation widths and depths were guided based on the assessment and confirmation sampling data to properly remove the impacted soils. There are several surface and subsurface pipelines within the release footprint. Impacted soil near these lines was excavated to the maximum depth and horizontal extent practicable (Figure 4).

Confirmation samples were collected from the sidewalls and at bottom of the excavations to verify that the impacted materials were properly removed. Each confirmation sample result was directly compared to the proposed RRALs to demonstrate compliance. If the proposed RRAL was exceeded, where practical, additional excavation was conducted until closure criteria were attained. A total of thirty-eight (38) samples were collected from eight (8) bottom hole locations (AH-1 through AH-8) during the remedial activities (Figure 3). A total of thirty-one (31) samples from twenty-two (22) sidewall locations were collected during the remedial activities (Figure 3). The samples were placed into laboratory provided sample containers,

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transferred under chain of custody, and analyzed within appropriate holding times by Pace Analytical (Pace). The soil samples were analyzed for TPH by EPA method 8015 modified, BTEX by EPA Method 8021B and chlorides by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The results of the sampling are summarized in Table 1.

All final confirmation soil samples (bottom hole and sidewall) were below the RRALs for BTEX, TPH and chloride, except for the final bottom hole samples from AH-8 and sidewall samples ESW-6 and ESW-8. The analytical results associated with the final bottom hole samples from AH-8 exceeded the most stringent RRAL for TPH (100 mg/kg). However, this area was excavated to the maximum depth and horizontal extent practicable due to site sensitivities to an active 14" surface poly line (Figure 4). Sidewall sample ESW-8 also exceeded the RRAL for TPH. However, the ESW-8 sample location was adjacent to the same active 14" surface poly line and could not be expanded to the east due to production equipment.

Sidewall sample ESW-6 exceeded the RRAL for chloride (922 mg/kg). However, this location is adjacent to a sidewall shared with a subsurface pipeline and any further excavation created a safety concern. An additional surface confirmation sample (ESW-6 (10')) was collected 10 feet east of the original ESW-6 location and results were below the chloride RRAL. This surface confirmatory sample defined the horizontal extent of contamination. The proposed RRALs for the site are set at the most stringent level, due to the karst potential (for an unstable area) at the release location. Although an environmental issue of concern, karst collapse is unlikely at this release site as the medium karst potential zone lies less than 150 feet east of the release point. Additionally, in each of these cases, given the depth to groundwater in the area, the remaining contaminants will not pose a threat to present or foreseeable beneficial use of fresh water, public health and the environment.

All the excavated material was transported offsite for proper disposal. Approximately 800 cubic yards of material were transported to the R360 facility in Hobbs, New Mexico. Photographs from the remediated site excavated areas prior to backfill are provided in Appendix D. Once completed, the excavated areas were backfilled with clean material to surface grade. Copies of the waste manifests are included in Appendix E.

CONCLUSION

COP respectfully requests closure of this release, based on the confirmation sampling results and remediation activities performed. The final C-141 forms are enclosed in Appendix A. If you have any questions or comments concerning the assessment or remediation activities for this site, please call me at (512) 338-2861 or Greg at (432) 682-4559.

Sincerely,

Tetra Tech, Inc.

Christian M. Llull, P.G.

Project Manager

CC:

Ms. Jenni Fortunato, RMR - ConocoPhillips

Mr. Gustavo Fejervary-Morena, GPBU - ConocoPhillips

Greg W. Pope, P.G. Program Manager

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List of Attachments

Figures:

Figure 1 – Overview Map

Figure 2 – Topographic Map

Figure 3 – Approximate Release Extent

Figure 4 – Remediation Extent and Confirmation Sample Locations

Tables:

Table 1 – Summary of Analytical Results – Confirmation Sampling Events

Appendices:

Appendix A – C-141 Form

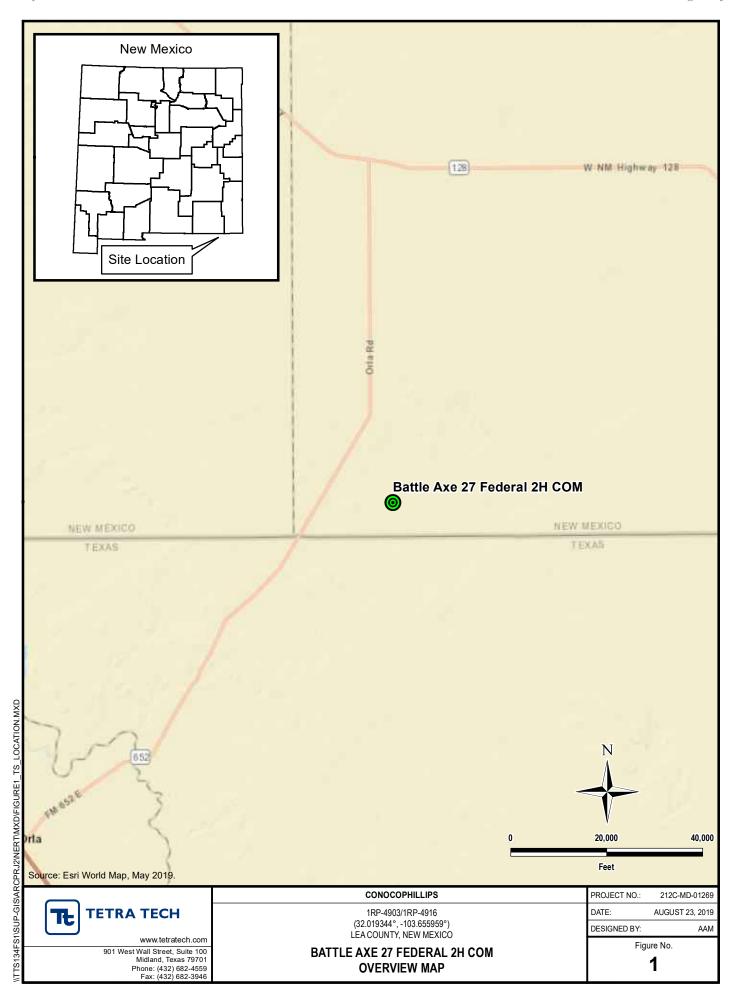
Appendix B – NMOSE Groundwater Data and Karst Potential Map

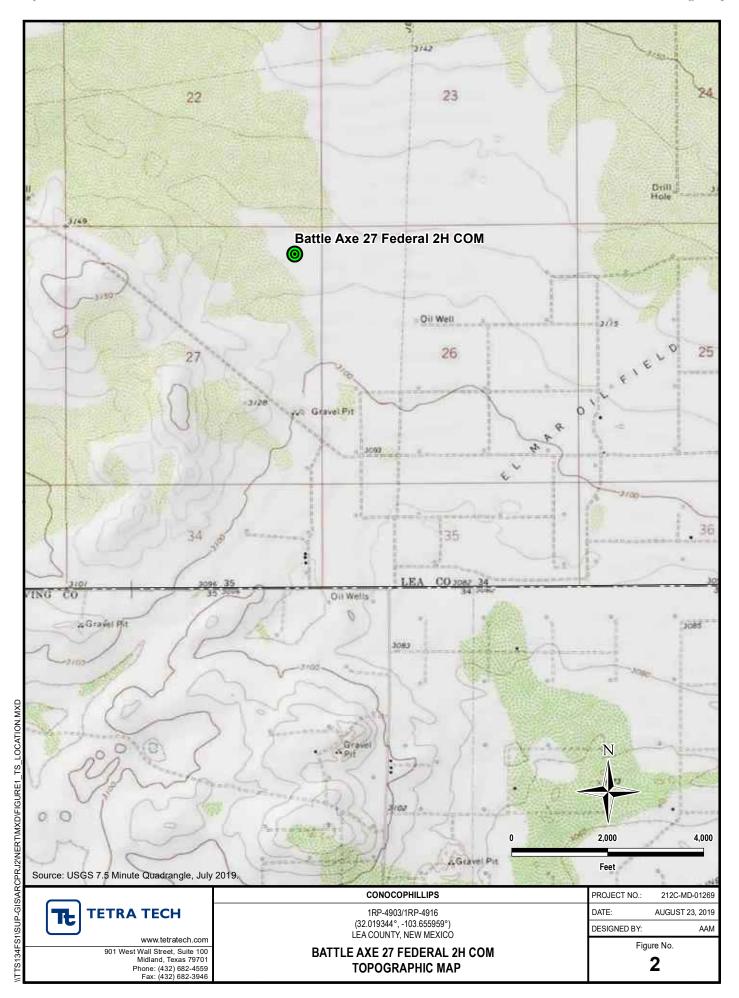
Appendix C – Laboratory Analytical Data

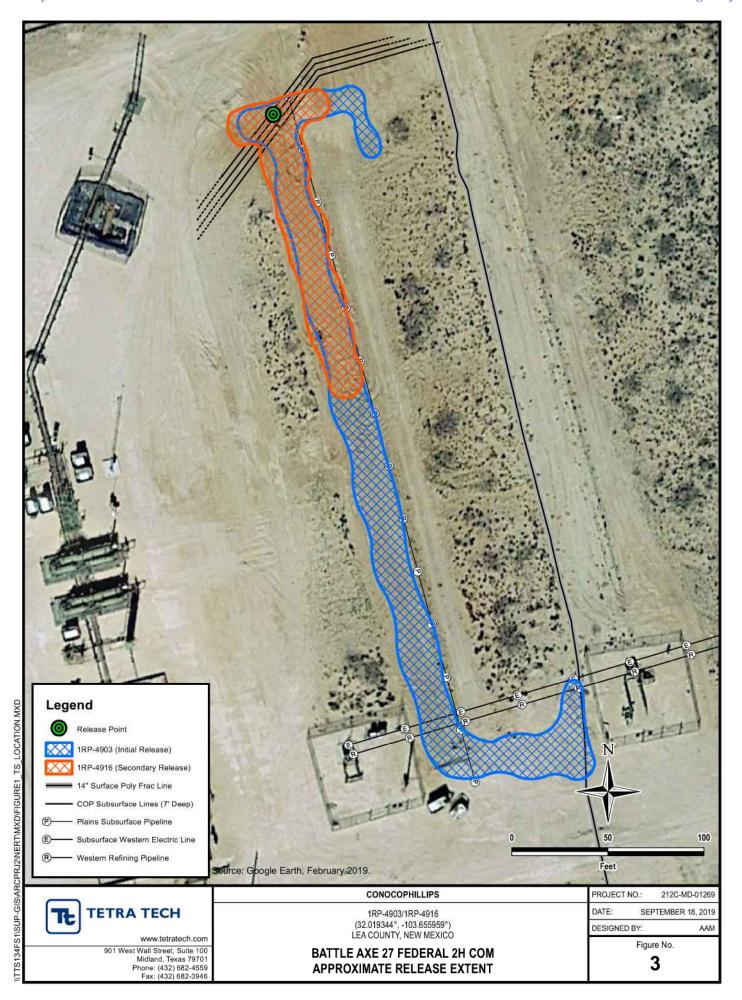
Appendix D – Photo Documentation

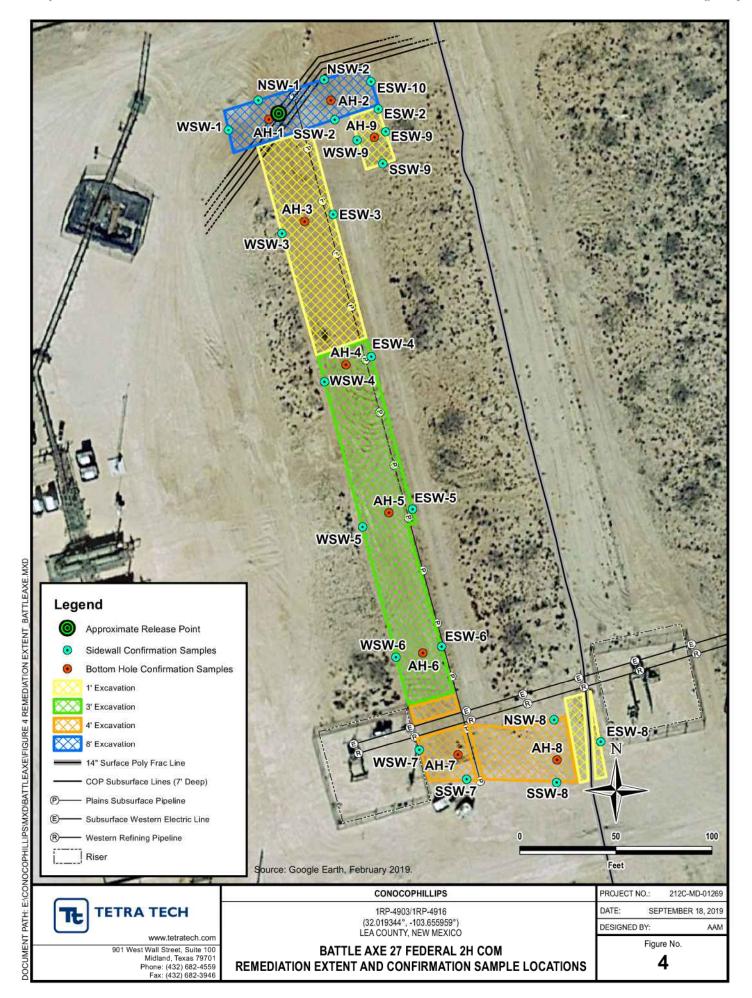
Appendix E - Waste Manifests

FIGURES









TABLES

TABLE 1 CONOCOPHILLIPS ANALYTICAL DATA SUMMARY CONFIRMATION SAMPLING EVENTS BATTLE AXE 27 FEDERAL 2H COM LEA COUNTY, NEW MEXICO 1RP-4903, 1RP-4916

			Field	Screening																		
				esults							BTEX ²									TPH ⁵	3	
Sample ID	Sample Date	Sample Interval	PID	Chlorides	Chloride ¹	ı	Benzen	ρ	Toluene		Ethylbenze	ene	Total Xyle	nes	Total BTEX	GRO ⁴		DRO)	ORO		Total TPH (C ₆ - C ₃₆)
•	·			Cilionaco			20.120.1		Tolucile		24		101017171			C ₆ - C ₁	0	C ₁₀ - C	28	C ₂₈ - C ₄	10	(-6 -30)
		ft. bgs	ppm	ppm	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg
	06/08/18	1-2	13.9	136	59.8		< 0.000538		< 0.00168		< 0.000713		< 0.00643		-	< 0.0292		< 2.16		0.377	J	0.377
AH-1	06/05/18	2-3	10.8	182	100.0		< 0.000423		<0.00132		<0.000560		<0.00505		-	0.0386	ВJ	22.1		8.73		30.8686
An-1	06/08/18	2-3	10.8	100	57.6		< 0.000534		< 0.00167		< 0.000708		< 0.00638		-	0.0290	J	< 2.15		< 0.366		0.0290
	06/08/18	3-4	10.4	101	51.6		< 0.000513		< 0.00160		< 0.000680		< 0.00614		1	0.0351	J	< 6.20		< 1.06		0.0351
	06/05/18	0-1	1,705	2180	1880		0.0553		1.15		0.371		9.25		10.826	603		4420		976		5999
	06/05/18	1-2	2,932	1970	1900		0.46		14.2		3.83		55.3		73.79	2440		4270		830		7540
	06/05/18	2-3	2,969	2250	521		0.151		4.21		1.05		16.8		22.211	2040		1070		196		3306
AH-2	06/06/18	3-4	849.7	109	60.6		0.164		7.06		1.53		26.5		35.25	776		738		92.0		1606
	06/06/18	4-5	257.8	229	58.5		< 0.000466		0.00168	J	< 0.000618		0.0149		0.01658	1.29		28.1		4.24	J	33.63
	06/06/18	5-6	230.0	820	71.1		< 0.000513		< 0.00160		< 0.000680		0.0109		0.0109	1.60		43.9		4.92	J	50.42
	08/01/18	8-9	-	435	77.3		< 0.000479		< 0.0015		< 0.000634		< 0.00572		1	2.85		21.4		7.85		32.1
	06/06/18	1-2	14.6	200	57.8		0.000899	J	< 0.00137		< 0.000582		< 0.00525		0.000899	0.0256	J	< 1.77		0.321	J	0.3466
AH-3	06/06/18	2-3	22.3	70.4	57.1		< 0.000495		< 0.00155		< 0.000656		< 0.00592		-	0.0433	J	< 1.99		< 0.339		0.0433
	06/06/18	3-4	9.5	77.5	47.0		< 0.000426		< 0.00133		< 0.000564		< 0.00509		-	0.033	J	< 1.71		< 0.292		0.033
	06/06/18	3-4	-	-	54.6		< 0.000450		< 0.00141		< 0.000596		< 0.00538		-	0.0286	J	< 1.81		2.45	J	2.479
AH-4	06/06/18	4-5	-	-	52.1		< 0.000439		< 0.00137		< 0.000581		< 0.00524		-	< 0.0238		< 1.77		0.431	J	0.431
	06/06/18	5-6	-	-	53.1		< 0.000449		< 0.00140		< 0.000595		< 0.00537		-	< 0.0244		< 1.81		< 0.308		-
	06/05/18	0-1	523.0	523	559		0.000902	J	< 0.00271		0.00843		0.142		0.151332	130		1870		403		2403
	06/05/18	1-2	123.0	123	68.8		< 0.000450		< 0.00141		< 0.000597		< 0.00538		-	0.0920	ВJ	10.5		11.1		21.692
A11 F	06/05/18	2-3	106.0	206	57.4		< 0.000517		< 0.00161		< 0.000685		< 0.00618		-	0.059	ΒJ	9.03		9.32		18.409
AH-5	06/07/18	3-4	50.0	95.0	49.2		< 0.000493		< 0.00154		0.000858	J	< 0.00589		0.000858	< 0.0268		2.03	J	1.16	J	3.19
	06/07/18	4-5	19.3	103	33.5		< 0.000418		< 0.00131		< 0.000554		< 0.00500		-	< 0.0227		< 1.68		0.61	J	0.61
	06/07/18	5-6	11.7	133	34.8		< 0.000426		< 0.00133		< 0.000564		< 0.00509		1	< 0.0231		< 1.71		< 0.292		-
	06/05/18	0-1	206.0	206	148		0.00348	J	0.0578		0.154		5.56		5.77528	443		3610		684		4737
AH-6	06/05/18	1-2	73.9	73.9	40.1		< 0.000443		< 0.00138		< 0.000587		< 0.00529		-	0.149		54.1		13.9		68.149
AII-0	06/05/18	2-3	117.0	117	59.6		< 0.000493		< 0.00154		< 0.000654		< 0.00590		-	0.108	J	22.3		8.27		30.678
	06/06/18	3-4	13.7	167	43.4		< 0.000448		< 0.00140		< 0.000594		< 0.00536		1	< 0.0243		< 1.80		3.36	J	3.36
	06/07/18	0-1	417.5	-	62.7		< 0.00185		0.0159	J	0.110		3.99		4.1159	262		1070		170		1502
	06/07/18	1-2	225.4	-	64.6		< 0.000510		< 0.00159		< 0.000676		0.0110		0.0110	1.02		13.9		1.9	J	16.82
	06/07/18	2-3	200.1	-	50.8		< 0.000445		< 0.00139		< 0.000590		< 0.00532		-	0.0614	J	12.2		3.21	J	15.471
AH-7	06/07/18	3-4	81.7	95.0	33.8		< 0.000439		< 0.00137		< 0.000581		< 0.00524		-	< 0.0238		11.4		2.7	J	14.1
	06/11/18	3-4	13.5	92.3	47.6		< 0.000423		< 0.00135		< 0.000573		< 0.00517		-	< 0.0235		< 1.27		1.24	J	1.24
	06/07/18	4-5	51.4	75.2	35.8		< 0.000439		< 0.00137		< 0.000582		< 0.00525		-	0.0257	J	21.5		4.41		25.9357
	06/11/18	4-5	12.1	89.3	49.9		< 0.000438		< 0.00137		< 0.000581		< 0.00524		-	< 0.0238		< 1.76		1.55	J	1.55
-	06/11/18	3-4	564.3	95.0	52.9		< 0.000434		0.132		0.360		9.30		9.792	253		910		187		1350.0
AH-8	06/11/18	4-5	131.1	79.6	47.2		< 0.000443		< 0.00139		0.000951	J	< 0.00530		0.000951	0.588		127		32.6		160.2
	06/11/18	5-6	135.1	80.3	53.5		< 0.000444		< 0.00139		0.000703	J	0.00890		0.009603	0.377		238		53.1		291.5

TABLE 1 CONOCOPHILLIPS ANALYTICAL DATA SUMMARY CONFIRMATION SAMPLING EVENTS BATTLE AXE 27 FEDERAL 2H COM LEA COUNTY, NEW MEXICO 1RP-4903, 1RP-4916

				Screening		BTEX ²												ТРН	3		
		Sample Interval		esults	Chloride ¹										GRO ⁴	4	DRC)	ORO		
Sample ID	Sample Date		PID	Chlorides			Benzen	е	Toluene	Ethylbenze	ene	Total Xyle	enes	Total BTEX	C ₆ - C ₁	10	C ₁₀ - C ₂₈		C ₂₈ - C	10	Total TPH (C ₆ - C ₃₆)
		ft. bgs	ppm	ppm	mg/kg	Q	mg/kg	Q	mg/kg Q	mg/kg	Q	mg/kg	Q	mg/kg	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg
NSW-1	06/08/18	-	2.6	137	64.1		< 0.000511		< 0.00160	< 0.000678		< 0.00611		-	< 0.0277		3.87	J	6.66		10.53
WSW-1	06/08/18	-	3.0	220	70.7		< 0.000435		< 0.00136	< 0.000576		< 0.00520		-	< 0.0236		2.4	J	5.63		8.03
NSW-2	06/06/18	I -	Ι -	-	801	J6	0.410		24.7	6.03		92.7		123.84	3120		4620		649	Т	8389
NSW-2 (5')*	08/01/18	-	-	493	56.4		< 0.000472		< 0.00148	< 0.000626		< 0.00564		-	< 0.0256		< 1.9		< 0.323		-
ESW-2	06/06/18	-	-	-	59.6		< 0.000477		< 0.00149	< 0.000633		< 0.00570		-	0.102	J	< 1.92		0.531	J	0.633
SSW-2	06/06/18	-	-	-	44.1		< 0.000417		< 0.00130	< 0.000552		< 0.00498		-	0.0333	J	< 1.68		0.645	J	0.6783
ESW-3	06/05/18		10.0		4710		< 0.000455		< 0.00142	< 0.000603		< 0.00544		_	0.112	BJ	10.5		4.48	1	15.092
ESW-3 (3')*	07/11/18	-	2.0	200	65.8		< 0.000407		< 0.00142	< 0.000539		< 0.00486		-	< 0.0221		< 1.64		4.21		4.21
ESW- 3 (10')**	06/06/18	-	-	-	45.8		< 0.000422		< 0.00132	< 0.000559		< 0.00504		-	< 0.0229		< 1.70		3.25	J	3.25
WSW-3	06/05/18	-	5.5	120	3310		< 0.00107		< 0.00537	< 0.00268		< 0.00698		-	0.045	ВJ	< 1.73		1.24		1.285
WSW-3 (1')*	06/07/18	-	5.5	112	68.6		< 0.000486		< 0.00152	< 0.000644		< 0.00581		-	< 0.0264		< 1.96		0.766	J	0.766
ESW-4	06/06/18	T -	14.0	4220	1290		< 0.000503		< 0.00157	< 0.000666		0.00802		0.00802	0.0696		< 2.02		< 0.344		0.0696
ESW-4 (3')*	07/11/18		1.0	87	47.3		< 0.000303		< 0.00137	< 0.000569		< 0.00513	J	0.00802	0.0030	ı	< 1.73		< 0.344		0.0030
ESW-4 (10')**	06/07/18	-	9.0	102	82.7		< 0.000421		< 0.00134	< 0.000557		< 0.00503		-	< 0.0272	j	4.92		2.95	J	7.87
WSW-4	06/06/18	-	-	520	314	J3	< 0.000441		< 0.00138	< 0.000585		< 0.00527		-	< 0.0239		< 1.78		0.571	J	0.571
50144.5	05/07/10	I		4540					0.00105												4.05
ESW-5 ESW-5 (3')*	06/07/18 07/11/18	-	13.0 0.2	4540 79.7	4440 115		< 0.000434 < 0.000422		< 0.00136 < 0.00132	< 0.000575 < 0.000559		< 0.00519 < 0.00504		-	< 0.0236 0.0285		< 1.75 <1.7		1.35 0.703	J	1.35 0.7315
ESW-5 (10')**	06/07/18	-	4.7	60.9	40.2		< 0.000422		< 0.00132	< 0.000563		< 0.00504		-	< 0.0283	J	< 1.71		2.49	J	2.49
WSW-5	06/07/18		10.5	92.3	16.0		< 0.000423		< 0.00133	< 0.000555		< 0.00501		-	< 0.0231		< 1.69		2.52	j	2.52
	· · ·	L								*											
ESW-6	06/06/18	-	7.4	1060	922		< 0.000434		< 0.00136	< 0.000575		< 0.00519		-	< 0.0235		< 1.75		0.73	J	0.73
ESW-6 (10')**	06/06/18	-	4.8	64.5	53.9		< 0.000496		< 0.00155	< 0.000657		< 0.00592		-	0.0343	J	< 2.00		3.66	J	3.6943
WSW-6	06/06/18	_	5.1	165	52.0		< 0.000502		< 0.00157	< 0.000665		< 0.00599	Ш	-	< 0.0272		< 2.02		1.3	J	1.3
SSW-7	06/11/18	-	6.0	74.4	47.6		< 0.000429		0.00136 J	< 0.000569		< 0.00513		0.00136	< 0.0233		< 1.73		1.77	J	1.77
WSW-7	06/11/18	-	10.6	175	63.9		< 0.000426		< 0.00133	0.00065	J	< 0.00509		0.00065	< 0.0231		< 1.72		2.31	J	2.31
NSW-8	06/11/18	I -	5.9	117	54.8		< 0.000488		< 0.00153	< 0.000647	П	< 0.00583	1 1		< 0.0265	1	< 1.96		0.983	П	1.0
ESW-8	06/12/18	-	-	200	59.5		< 0.000430		< 0.00133	< 0.000557		< 0.00502		-	< 0.0203		82.8		40.5		123.3
SSW-8	06/11/18	-	4.8	76.9	45.9		< 0.000432		< 0.00135	< 0.000572		< 0.00516		-	< 0.0234		< 1.74		1.33	J	1.3
ECIAL O	05/00/45	ı	42.0	104	22.5		.0.000412		.0.00424	. 0 000555		.0.00500			. 0. 0227	ı	2.25	-			7.72
ESW-9 SSW-9	06/08/18 06/08/18	-	13.0 9.0	101	33.5 55.8		< 0.000419 < 0.000498		< 0.00131 < 0.00156	< 0.000555		< 0.00500	\vdash	-	< 0.0227 < 0.0270		3.25 < 2.01	J	4.47 < 0.341		7.72
SSW-9 WSW-9	06/08/18	-	73.9	110 92.7	55.8 44.2		< 0.000498		< 0.00136	< 0.000660 < 0.000560	_	< 0.00595 < 0.00505	+	-	0.0259	-	34.9		13.2	-	48.13
VV 3 VV - J	30/00/18		73.3	J2.1	77.4				· 0.00132	. 0.000300		l.		_		,					
ESW-10	08/01/18	-	-	385.0	59.9		< 0.00046		< 0.00144	< 0.000609		< 0.00549		-	< 0.0249		< 1.85		1.64	BJ	1.64

NOTES:

${\it Bold\ and\ italicized\ values\ indicate\ exceedance\ of\ proposed\ RRALs.}$

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

** These surface confirmatory samples were collected to define the horizontal extent of contamination. These samples were collected 10' east of the original sidewall sample locations.

ft. Feet

bgs Below ground surface B The same analyte was found in the associated blank.

mg/kg Milligrams per kilogram J The identification of the analyte is acceptable; the reported value is an estimate.

ppm Parts per million J6 The sample matrix interfered with the ability to make any accurate determination; spike value is low.

 TPH
 Total Petroleum Hydrocarbons
 1
 Method 9056A

 GRO
 Gasoline range organics
 2
 Method 8260B

 DRO
 Diesel range organics
 3
 Method 8015

 ORO
 Oil range organics
 4
 Method 8015D/GRO

APPENDIX A C-141 Form

Form C-141

Revised August 8, 2011

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III $1000\ \mathrm{Rio}\ \mathrm{Brazos}\ \mathrm{Road},\ \mathrm{Aztec},\ \mathrm{NM}\ 87410$ District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico **Energy Minerals and Natural Resources**

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

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

			Rele	ase Notific	atior	and Co	orrective A	ction	1					
						OPERA	ΓOR		Initi	al Report	☐ Final Report			
		onocoPhillip					se A Zepeda							
		t County Ro					No. 575-391-31	65						
Facility Nar	ne: Battle	Axe 27 Fed	eral COI	M 2H Well		Facility Typ	e: Flow Line							
Surface Ow	ner: FED l	LSE		Mineral O	wner:	Federal			API No	o. 30-025-428	396			
				LOCA	TIOI	N OF REI	LEASE							
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the	East/V	West Line	County				
A	27	26S	32E	283 FNL			245 FEL			LEA				
			I	Latitude 32.020		_ Longitude OF REL								
Type of Rele	ase: PROI	OUCE WATE	R & OIL		UKL		Release: 26		Volume 1	Recovered: 20				
Source of Re			ii w oil	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Iour of Occurren	ce		Hour of Disco				
						12/25/2017 1140 SAME								
Was Immedia	ate Notice (Yes	No Not Re	quired	If YES, To Olivia Yu,	Whom? & Shelly Tucke	r						
By Whom? J						Date and Hour: 12/25/2017 2030 Via Email If YES, Volume Impacting the Watercourse.								
Was a Water	course Read	ched?	Yes 🗵	No		If YES, Vo	olume Impacting	the Wate	ercourse.					
If a Watercou	ırse was Im	pacted, Descri	be Fully.	*		R	ECEIVEL	7						
N/A							Olivia Yu		0:39 aı	m, Dec 2	6, 2017			
On Decembe of 26 bbl. Of	r 25, 2017 a PW/Oil Mi		Battle Axerecovered								sulted in a release nediated per			
		and Cleanup A												
regulations at public health should their of or the environ	Il operators or the enviroperations homent. In a	are required to ronment. The ave failed to a	o report an acceptance dequately CD accep	is true and compled/or file certain rese of a C-141 repositive stigate and retaince of a C-141 r	lease n rt by the mediat	otifications and e NMOCD me e contaminati	nd perform corre arked as "Final I on that pose a th	ctive act Report" d reat to gi	ions for rel loes not rel round wate	eases which n ieve the opera r, surface wate	nay endanger tor of liability er, human health			
							OIL CON	ISERV	ATION	DIVISIO	<u>N</u>			
Signature: 90	058 4 28	DSD 4							01	1 _				
Printed Name						Approved by	Environmental S	Specialis		T .				
Title: LEAD		•				Approval Dat	12/26/20	17	Expiration	Date:				
E-mail Addre	ess: Jose.	A. Zepeda	@conod	cophillips.com	,	Conditions of see atta	f Approval: ached direc	tive		Attached				
Date: 12/25/2				none:575-391-316	5									
Attach Addi	tional Shee	ets If Necess	ary		[1RP-490	3 nOY	′1736(038566					

pOY1736038909

Received by OCD: 10/19/2021 12:19:22 PM Form C-141 State of New Mexico Page 6 Oil Conservation Division

Incident ID
District RP
Facility ID
Application ID

Closure

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

Closure Report Attachment Checklist: Each of the following	items must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29.	11 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	s of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)
☐ Description of remediation activities	
and regulations all operators are required to report and/or file certar may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and re human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regul restore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification with 19.15.29.13	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.
OCD Only	
Received by:	Date:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by:	Date:
Printed Name:	Title:

Form C-141 Revised August 8, 2011

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III $1000\ \mathrm{Rio}\ \mathrm{Brazos}\ \mathrm{Road},\ \mathrm{Aztec},\ \mathrm{NM}\ 87410$ District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico **Energy Minerals and Natural Resources**

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

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

			Rele	ease Notifi	catio	n and Co	orrect	ive A	ction						
						OPERA'	TOR			Initi	al Report		Final Report		
		onocoPhillip				Contact: Jo									
		ay 285, Orla				Telephone 1			90						
Facility Nar	ne: Battle	Axe 27 Fed	eral CO	M 2H Well		Facility Type	e: Flow	Line							
Surface Ow	ner: FED	LSE		Mineral	Owner:	Federal				API No	o. 30-025-4	2896			
				LOC	ATIO	N OF RE	LEASE	${\mathfrak T}$							
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet fro	m the	East/V	Vest Line	County				
A	27	26S	32E	283 FNL			245 FE	L			LEA				
			J	Latitude <u>32.02</u>	0117	_ Longitude	<u>-103.65</u>	4983_							
				NA	TURE	OF REL	EASE								
		DUCE WATE	R & OIL	MIX		Volume of					Recovered: 5				
Source of Re	lease: Flow	Line				Date and Hour of Occurrence 1/4/2018 0800 Date and Hour of Discovery SAME									
Was Immedia	ate Notice (If YES, To Whom? red Olivia Yu, & Shelly Tucker									
D WII O I	1 3 6 7		Yes	No Not R	Required					- 11					
By Whom? J Was a Water						Date and Hour: 1/8/2018 1030 phone call If YES, Volume Impacting the Watercourse.									
was a water	course reac		Yes 🗵] No		II TES, V	Junie IIII _j	pacting	the water	reourse.					
If a Watercou	ırse was Im	pacted, Descri	be Fully.	*		REC	EIVE	FD							
N/A					11:2	9 am,	Jan 08,	20	18						
Describe Cau	ise of Probl	em and Remed	lial Actio	n Taken. *											
On January 4	, 2018 at 08	800 hrs. at Bat	tle Axe 27	Federal COM 2 mmediate action											
& BLM, and	NMOCD g	uidelines.								•			•		
		and Cleanup A			1	1 1	1 1 1	1	1 4	1.1	A A NIM	OCD	1 1		
				is true and comp nd/or file certain											
public health	or the envi	ronment. The	acceptano	ce of a C-141 rep	ort by th	e NMOCD n	arked as	"Final R	eport" d	oes not rel	ieve the ope	rator o	of liability		
				investigate and											
		ws and/or regu		tance of a C-141	report d	oes not renev	e the ope	rator of	responsi	bility for c	compiiance v	vith ar	iy otner		
Tederar, state,	01 10041 14	,,,,, and, or regu					OIL	CON	SERV	ATION	DIVISIO	N			
Signature: J	oseph N	McLaugh!	lin								V				
Printed Name						Approved by	Environr	mental S	pecialist						
	e. Joseph M	icLaugiiiii					1/8	3/2018	3		<u> </u>				
Title: HSE						Approval Da	te:	5/2010	I	Expiration	Date:				
E-mail Addre	ess: Joe.P	.McLaughl	in @con	ocophillips.c	om	Conditions o	f Approva	al:					,		
							مام مام	lina ati.			Attached				
						see atta	cnea a	iirecti\	ve						
Date: 1/8/201				ne:806-567-2790)										
Attach Addi	tional She	ets If Necess	ary												
						1RP-491	6	nOY	18008	341704					
								<u></u>							

pOY1800841951

Received by OCD: 10/19/2021 12:19:22 PM Form C-141 State of New Mexico Page 6 Oil Conservation Division

Incident ID
District RP
Facility ID
Application ID

Closure

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

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☐ Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
☐ Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially neditions that existed prior to the release or their final land use in CD when reclamation and re-vegetation are complete.
Signature:	Date:
email:	Telephone:
OCD Only	
Received by:	Date:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by:	Date:
Printed Name:	Title:

APPENDIX B NMOSE Groundwater Data



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

No records found.

PLSS Search:

Section(s): 27 Township: 26S Range: 32E

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

(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	POD Sub- basin	County	-	Q 16	-	Sec	Tws	Rna	X	Y	•	•	Water Column
C 02271	R	CUB	LE				21			624449	3544111* 🎒	150	125	25
C 02271 POD2		CUB	LE	3	2	3	21	26S	32E	624348	3544010* 🌍	270	250	20
<u>C 02274</u>		CUB	LE	2	1	2	31	26S	32E	621742	3541730* 🎒	300	295	5
<u>C 02323</u>		С	LE	3	2	3	21	26S	32E	624348	3544010* 🎒	405	405	0
C 03537 POD1		CUB	LE	3	2	3	21	26S	32E	624250	3543985 🌍	850		
C 03595 POD1		CUB	LE	4	2	3	21	26S	32E	624423	3544045 🌕	280	180	100
C 03829 POD1		CUB	LE	3	3	1	06	26S	32E	620628	3549186 🌕	646	350	296
C 04209 POD1		CUB	LE	2	3	3	06	26S	32E	620903	3548619 🌎	360	155	205
C 04209 POD2		С	LE	2	3	3	06	26S	32E	620818	3548657 🌕	340	155	185

Average Depth to Water: 239 feet

> 125 feet Minimum Depth:

> 405 feet Maximum Depth:

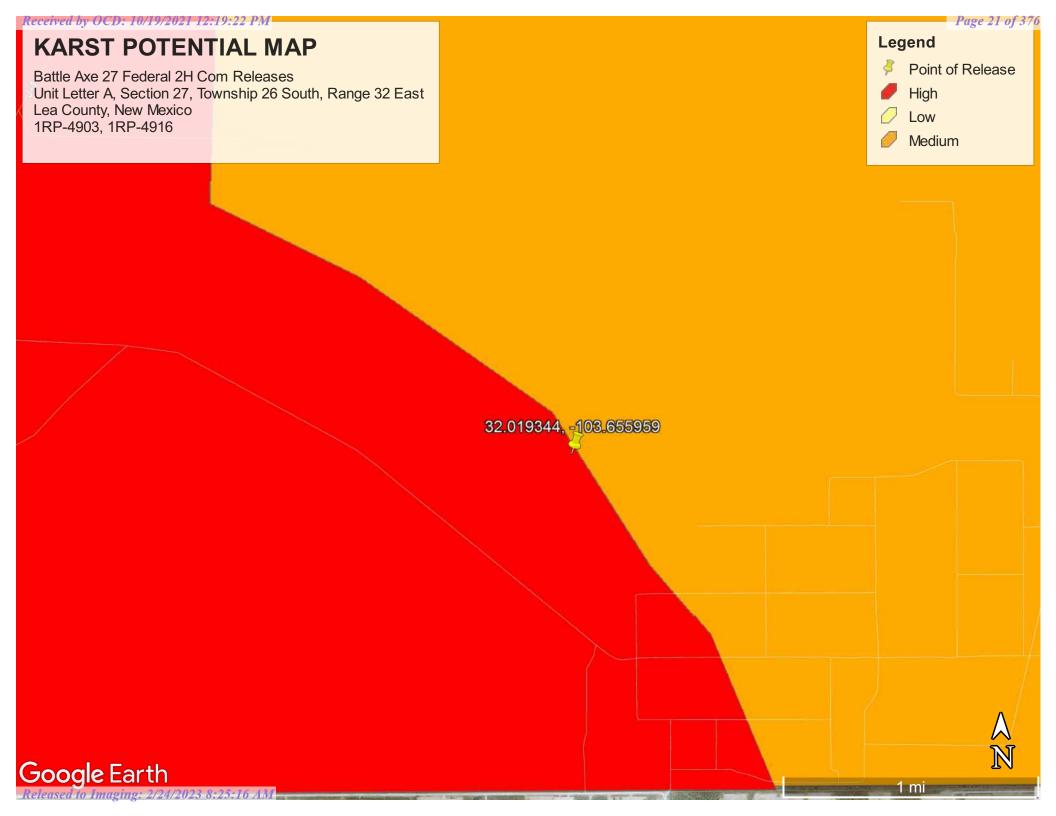
Record Count: 9

PLSS Search:

Township: 26S Range: 32E

*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.



APPENDIX C Laboratory Analytical Data



ANALYTICAL REPORT June 19, 2018

ConocoPhillips - Tetra Tech

Sample Delivery Group: L1000908 Samples Received: 06/12/2018

Project Number: 212C-MD-01269

Battle Axe 27 Fed Com 2H Description:

BATTLE AXE 27 Site:

Report To: Kayla Taylor

4001 N. Big Spring St., Ste. 401

Midland, TX 79705

Entire Report Reviewed By:

Chris McCord

Technical Service Representative

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 ESC 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	6
Sr: Sample Results	7
AH-1 (0-1') L1000908-01	7
AH-1 (1-2') L1000908-02	8
AH-1 (2-3') L1000908-03	9
AH-2 (0-1') L1000908-04	10
AH-2 (1-2') L1000908-05	11
AH-2 (2-3') L1000908-06	12
WSW-3 L1000908-07	13
ESW-3 L1000908-08	14
AH-5 (0-1') L1000908-09	15
AH-5 (1-2') L1000908-10	16
AH-5 (2-3') L1000908-11	17
AH-6 (0-1') L1000908-12	18
AH-6 (1-2') L1000908-13	19
AH-6 (2-3') L1000908-14	20
Qc: Quality Control Summary	21
Total Solids by Method 2540 G-2011	21
Wet Chemistry by Method 9056A	23
Volatile Organic Compounds (GC) by Method 8015D/GRO	24
Volatile Organic Compounds (GC/MS) by Method 8260B	26
Semi-Volatile Organic Compounds (GC) by Method 8015	30
GI: Glossary of Terms	31
Al: Accreditations & Locations	32



















Sc: Sample Chain of Custody

33



			Collected by	Collected date/time	Received date/time
AH-1 (0-1') L1000908-01 Solid			Clint Merritt	06/05/18 11:00	06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
T. 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1110440 4000		date/time	date/time	1/51//
Total Solids by Method 2540 G-2011	WG1124369	1	06/14/18 14:09	06/14/18 14:23	KDW
Wet Chemistry by Method 9056A	WG1123435	1	06/12/18 23:59	06/14/18 14:50	DR
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1123825	1	06/12/18 20:55	06/14/18 20:06	RAS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1123588	1	06/12/18 20:55	06/13/18 04:36	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124295	1	06/15/18 12:56	06/15/18 18:36	DMW
			Collected by	Collected date/time	Received date/time
AH-1 (1-2') L1000908-02 Solid			Clint Merritt	06/05/18 11:05	06/12/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1124369	1	06/14/18 14:09	06/14/18 14:23	KDW
Wet Chemistry by Method 9056A	WG1123435	10	06/12/18 23:59	06/14/18 14:59	DR
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1123825	100	06/12/18 20:55	06/14/18 23:43	RAS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1123689	4	06/12/18 20:55	06/13/18 13:22	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124295	1	06/15/18 12:56	06/15/18 19:16	DMW
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124295	5	06/15/18 12:56	06/16/18 02:23	DMW
			Collected by	Collected date/time	Received date/time
AH-1 (2-3') L1000908-03 Solid			Clint Merritt	06/05/18 11:10	06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1124369	1	06/14/18 14:09	06/14/18 14:23	KDW
Wet Chemistry by Method 9056A	WG1123435	1	06/12/18 23:59	06/14/18 15:09	DR
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1123825	1	06/12/18 20:55	06/14/18 20:28	RAS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1123588	1	06/12/18 20:55	06/13/18 05:18	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124295	1	06/15/18 12:56	06/15/18 19:29	DMW
			Collected by	Collected date/time	Received date/time
AH-2 (0-1') L1000908-04 Solid			Clint Merritt	06/05/18 13:00	06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
T + 10 1:1 1 AA + 1 10540 0 0044	W0442 42 CO		date/time	date/time	I/DII/
Total Solids by Method 2540 G-2011	WG1124369	1	06/14/18 14:09	06/14/18 14:23	KDW
Wet Chemistry by Method 9056A	WG1123435	5	06/12/18 23:59	06/14/18 15:18	DR
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1123825	200	06/12/18 20:55	06/14/18 20:50	RAS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1123588	40	06/12/18 20:55	06/13/18 05:39	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124295	20	06/15/18 12:56	06/16/18 02:48	DMW
			Collected by	Collected date/time	Received date/time
AH-2 (1-2') L1000908-05 Solid			Clint Merritt	06/05/18 13:05	06/12/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1124369	1	06/14/18 14:09	06/14/18 14:23	KDW
Wet Chemistry by Method 9056A	WG1123435	5	06/12/18 23:59	06/14/18 15:47	DR
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1123825	1000	06/12/18 20:55	06/14/18 21:12	RAS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1123588	200	06/12/18 20:55	06/13/18 05:59	DWR



















Semi-Volatile Organic Compounds (GC) by Method 8015

WG1124295

06/15/18 12:56

20

06/16/18 03:01

 DMW

			Collected by	Collected date/time	Received date/time
AH-2 (2-3') L1000908-06 Solid			Clint Merritt	06/05/18 13:10	06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
otal Solids by Method 2540 G-2011	WG1124369	1	06/14/18 14:09	06/14/18 14:23	KDW
Vet Chemistry by Method 9056A	WG1123435	1	06/12/18 23:59	06/14/18 15:56	DR
olatile Organic Compounds (GC) by Method 8015D/GRO	WG1123825	500	06/12/18 20:55	06/14/18 21:34	RAS
/olatile Organic Compounds (GC/MS) by Method 8260B	WG1123588	100	06/12/18 20:55	06/13/18 06:20	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124295	1	06/15/18 12:56	06/15/18 20:09	DMW
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124295	10	06/15/18 12:56	06/16/18 03:14	DMW
			Collected by	Collected date/time	Received date/time
WSW-3 L1000908-07 Solid			Clint Merritt	06/05/18 16:00	06/12/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
otal Solids by Method 2540 G-2011	WG1124369	1	06/14/18 14:09	06/14/18 14:23	KDW
Vet Chemistry by Method 9056A	WG1123435	10	06/12/18 23:59	06/14/18 16:06	DR
/olatile Organic Compounds (GC) by Method 8015D/GRO	WG1123433 WG1123825	10	06/12/18 20:55	06/14/18 21:55	RAS
/olatile Organic Compounds (GC/MS) by Method 8260B	WG1123588	1	06/12/18 20:55	06/13/18 06:41	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124295	1	06/15/18 12:56	06/16/18 01:58	DMW
			Call act and law		Descrived data him
ESW-3 L1000908-08 Solid			Collected by Clint Merritt	Collected date/time 06/05/18 16:05	Received date/time 06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	,
otal Solids by Method 2540 G-2011	WG1124369	1	06/14/18 14:09	06/14/18 14:23	KDW
Vet Chemistry by Method 9056A	WG1123435	10	06/12/18 23:59	06/14/18 16:15	DR
olatile Organic Compounds (GC) by Method 8015D/GRO	WG1123825	1	06/12/18 20:55	06/14/18 22:17	RAS
olatile Organic Compounds (GC/MS) by Method 8260B	WG1123588	1	06/12/18 20:55	06/13/18 07:02	DWR
semi-Volatile Organic Compounds (GC) by Method 8015	WG1124295	1	06/15/18 12:56	06/16/18 02:10	DMW
			Collected by	Collected date/time	Received date/time
AH-5 (0-1') L1000908-09 Solid			Clint Merritt	06/05/18 14:00	06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
otal Solids by Method 2540 G-2011	WG1124369	1	06/14/18 14:09	06/14/18 14:23	KDW
Vet Chemistry by Method 9056A	WG1123435	1	06/12/18 23:59	06/14/18 16:25	DR
/olatile Organic Compounds (GC) by Method 8015D/GRO	WG1123825	100	06/12/18 20:55	06/14/18 22:38	RAS
/olatile Organic Compounds (GC/MS) by Method 8260B	WG1124412	2	06/12/18 20:55	06/14/18 12:22	ACG
emi-Volatile Organic Compounds (GC) by Method 8015	WG1124295	10	06/15/18 12:56	06/16/18 02:36	DMW
			Collected by	Collected date/time	Received date/time
AH-5 (1-2') L1000908-10 Solid			Clint Merritt	06/05/18 14:05	06/12/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
otal Solids by Method 2540 G-2011	WG1124369	1	06/14/18 14:09	06/14/18 14:23	KDW
Vet Chemistry by Method 9056A	WG1123435	1	06/12/18 23:59	06/14/18 16:54	DR
/olatile Organic Compounds (GC) by Method 8015D/GRO	WG1123433 WG1123825	1	06/12/18 20:55	06/14/18 23:00	RAS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1123738	1	06/12/18 20:55	06/13/18 14:42	JAH
Constitution Composite Composited (CC) Martin 10045	WO1123730	'	00/12/10 20.33	00/15/10 14.42	JAII



















Semi-Volatile Organic Compounds (GC) by Method 8015

WG1124295

06/15/18 12:56

06/15/18 21:03

DMW

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			Collected by	Collected date/time	Received date/time
AH-5 (2-3') L1000908-11 Solid			Clint Merritt	06/05/18 14:10	06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1124370	1	06/14/18 10:58	06/14/18 11:07	KDW
Wet Chemistry by Method 9056A	WG1123435	1	06/12/18 23:59	06/14/18 17:03	DR
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1123825	1	06/12/18 20:55	06/14/18 23:22	RAS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1123738	1	06/12/18 20:55	06/13/18 15:02	JAH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124295	1	06/15/18 12:56	06/15/18 21:17	DMW
			Collected by	Collected date/time	Received date/time
AH-6 (0-1') L1000908-12 Solid			Clint Merritt	06/05/18 15:00	06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1124370	1	06/14/18 10:58	06/14/18 11:07	KDW
Net Chemistry by Method 9056A	WG1123435	1	06/12/18 23:59	06/14/18 17:13	DR
/olatile Organic Compounds (GC) by Method 8015D/GRO	WG1125972	200	06/12/18 20:55	06/18/18 07:38	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1124412	8	06/12/18 20:55	06/14/18 12:41	ACG
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124295	20	06/15/18 12:56	06/16/18 03:27	DMW
			Collected by	Collected date/time	Received date/time
AH-6 (1-2') L1000908-13 Solid			Clint Merritt	06/05/18 15:05	06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1124370	1	06/14/18 10:58	06/14/18 11:07	KDW
Net Chemistry by Method 9056A	WG1123435	1	06/12/18 23:59	06/14/18 17:41	DR
/olatile Organic Compounds (GC) by Method 8015D/GRO	WG1125972	1	06/12/18 20:55	06/18/18 00:47	BMB
/olatile Organic Compounds (GC/MS) by Method 8260B	WG1123738	1	06/12/18 20:55	06/13/18 15:22	JAH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124295	1	06/15/18 12:56	06/16/18 01:45	DMW
			Collected by	Collected date/time	Received date/time
AH-6 (2-3') L1000908-14 Solid			Clint Merritt	06/05/18 15:10	06/12/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Fotal Solids by Method 2540 G-2011	WG1124370	1	06/14/18 10:58	06/14/18 11:07	KDW
Wet Chemistry by Method 9056A	WG1123435	1	06/12/18 23:59	06/14/18 17:51	DR
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1125972	1	06/12/18 20:55	06/18/18 01:09	BMB
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06/12/18 20:55

06/15/18 12:56

06/13/18 15:41

06/16/18 06:12

JAH

DMW





















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

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.

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Chris McCord
Technical Service Representative

¹Cp

















SAMPLE RESULTS - 01 L1000908

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Collected date/time: 06/05/18 11:00

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	88.9		1	06/14/2018 14:23	WG1124369



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	54.0		0.895	11.3	1	06/14/2018 14:50	WG1123435



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	0.0331	ВЈ	0.0244	0.113	1	06/14/2018 20:06	WG1123825
(S) a,a,a-Trifluorotoluene(FID)	104			77.0-120		06/14/2018 20:06	WG1123825



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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	0.00165		0.000450	0.00113	1	06/13/2018 04:36	WG1123588
Toluene	U		0.00141	0.00563	1	06/13/2018 04:36	WG1123588
Ethylbenzene	U		0.000596	0.00281	1	06/13/2018 04:36	WG1123588
Total Xylenes	U		0.00538	0.00732	1	06/13/2018 04:36	WG1123588
(S) Toluene-d8	115			80.0-120		06/13/2018 04:36	WG1123588
(S) Dibromofluoromethane	102			74.0-131		06/13/2018 04:36	WG1123588
(S) a,a,a-Trifluorotoluene	98.8			80.0-120		06/13/2018 04:36	WG1123588
(S) 4-Bromofluorobenzene	120			64.0-132		06/13/2018 04:36	WG1123588



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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	8.16	<u>J6</u>	1.81	4.50	1	06/15/2018 18:36	WG1124295
C28-C40 Oil Range	3.44	<u>J</u>	0.308	4.50	1	06/15/2018 18:36	WG1124295
(S) o-Terphenyl	65.0			18.0-148		06/15/2018 18:36	WG1124295

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

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	92.5		1	06/14/2018 14:23	WG1124369



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	4490		8.60	108	10	06/14/2018 14:59	WG1123435



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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	107		2.35	10.8	100	06/14/2018 23:43	WG1123825
(S) a,a,a-Trifluorotoluene(FID)	105			77.0-120		06/14/2018 23:43	WG1123825



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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		0.00173	0.00432	4	06/13/2018 13:22	WG1123689
Toluene	U		0.00541	0.0216	4	06/13/2018 13:22	WG1123689
Ethylbenzene	0.00396	<u>J</u>	0.00229	0.0108	4	06/13/2018 13:22	WG1123689
Total Xylenes	0.155		0.0207	0.0281	4	06/13/2018 13:22	WG1123689
(S) Toluene-d8	109			80.0-120		06/13/2018 13:22	WG1123689
(S) Dibromofluoromethane	105			74.0-131		06/13/2018 13:22	WG1123689
(S) a,a,a-Trifluorotoluene	105			80.0-120		06/13/2018 13:22	WG1123689
(S) 4-Bromofluorobenzene	123			64.0-132		06/13/2018 13:22	WG1123689



Sample Narrative:

L1000908-02 WG1123689: Non-target compounds too high to run at a lower dilution.

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	<u>Batch</u>
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	625		8.70	21.6	5	06/16/2018 02:23	WG1124295
C28-C40 Oil Range	142		0.296	4.32	1	06/15/2018 19:16	WG1124295
(S) o-Terphenyl	102			18.0-148		06/16/2018 02:23	WG1124295
(S) o-Terphenyl	33.3			18.0-148		06/15/2018 19:16	WG1124295

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Collected date/time: 06/05/18 11:10

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	94.7		1	06/14/2018 14:23	<u>WG1124369</u>



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	100		0.840	10.6	1	06/14/2018 15:09	WG1123435



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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	0.0386	ВЈ	0.0229	0.106	1	06/14/2018 20:28	WG1123825
(S) a,a,a-Trifluorotoluene(FID)	103			77.0-120		06/14/2018 20:28	<u>WG1123825</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		0.000423	0.00106	1	06/13/2018 05:18	WG1123588
Toluene	U		0.00132	0.00528	1	06/13/2018 05:18	WG1123588
Ethylbenzene	U		0.000560	0.00264	1	06/13/2018 05:18	WG1123588
Total Xylenes	U		0.00505	0.00687	1	06/13/2018 05:18	WG1123588
(S) Toluene-d8	119			80.0-120		06/13/2018 05:18	WG1123588
(S) Dibromofluoromethane	103			74.0-131		06/13/2018 05:18	WG1123588
(S) a,a,a-Trifluorotoluene	98.8			80.0-120		06/13/2018 05:18	WG1123588
(S) 4-Bromofluorobenzene	122			64.0-132		06/13/2018 05:18	WG1123588

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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	22.1		1.70	4.23	1	06/15/2018 19:29	WG1124295
C28-C40 Oil Range	8.73		0.289	4.23	1	06/15/2018 19:29	WG1124295
(S) o-Terphenyl	62.6			18.0-148		06/15/2018 19:29	WG1124295

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Collected date/time: 06/05/18 13:00

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	87.0		1	06/14/2018 14:23	WG1124369



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	1880		4.57	57.5	5	06/14/2018 15:18	WG1123435



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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	603		4.99	23.0	200	06/14/2018 20:50	WG1123825
(S) a,a,a-Trifluorotoluene(FID)	102			77.0-120		06/14/2018 20:50	WG1123825



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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	0.0553		0.0184	0.0460	40	06/13/2018 05:39	WG1123588
Toluene	1.15		0.0575	0.230	40	06/13/2018 05:39	WG1123588
Ethylbenzene	0.371		0.0244	0.115	40	06/13/2018 05:39	WG1123588
Total Xylenes	9.25		0.220	0.299	40	06/13/2018 05:39	WG1123588
(S) Toluene-d8	111			80.0-120		06/13/2018 05:39	WG1123588
(S) Dibromofluoromethane	105			74.0-131		06/13/2018 05:39	WG1123588
(S) a,a,a-Trifluorotoluene	99.7			80.0-120		06/13/2018 05:39	WG1123588
(S) 4-Bromofluorobenzene	111			64.0-132		06/13/2018 05:39	WG1123588



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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	4420		37.0	91.9	20	06/16/2018 02:48	WG1124295
C28-C40 Oil Range	976		6.30	91.9	20	06/16/2018 02:48	WG1124295
(S) o-Terphenyl	0.000	J7		18.0-148		06/16/2018 02:48	WG1124295

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

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	90.4		1	06/14/2018 14:23	WG1124369



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	1900		4.40	55.3	5	06/14/2018 15:47	WG1123435



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	2440		24.0	111	1000	06/14/2018 21:12	WG1123825
(S) a,a,a-Trifluorotoluene(FID)	98.8			77.0-120		06/14/2018 21:12	WG1123825



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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	0.462		0.0885	0.221	200	06/13/2018 05:59	WG1123588	
Toluene	14.2		0.276	1.11	200	06/13/2018 05:59	WG1123588	
Ethylbenzene	3.83		0.117	0.553	200	06/13/2018 05:59	WG1123588	
Total Xylenes	55.3		1.06	1.44	200	06/13/2018 05:59	WG1123588	
(S) Toluene-d8	115			80.0-120		06/13/2018 05:59	WG1123588	
(S) Dibromofluoromethane	103			74.0-131		06/13/2018 05:59	WG1123588	
(S) a,a,a-Trifluorotoluene	103			80.0-120		06/13/2018 05:59	WG1123588	
(S) 4-Bromofluorobenzene	127			64.0-132		06/13/2018 05:59	WG1123588	



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	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Ratch
	Result (uly)	Qualifier	WIDE (uly)	KDL (uly)	Dilution	Allalysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	4270		35.6	88.5	20	06/16/2018 03:01	WG1124295
C28-C40 Oil Range	830		6.06	88.5	20	06/16/2018 03:01	WG1124295
(S) o-Terphenyl	0.000	J7		18.0-148		06/16/2018 03:01	WG1124295



Collected date/time: 06/05/18 13:10

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	82.1		1	06/14/2018 14:23	WG1124369



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	521		0.968	12.2	1	06/14/2018 15:56	WG1123435



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	2040		13.2	60.9	500	06/14/2018 21:34	WG1123825
(S) a,a,a-Trifluorotoluene(FID)	99.1			77.0-120		06/14/2018 21:34	WG1123825



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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	0.151		0.0487	0.122	100	06/13/2018 06:20	WG1123588
Toluene	4.21		0.152	0.609	100	06/13/2018 06:20	WG1123588
Ethylbenzene	1.05		0.0646	0.305	100	06/13/2018 06:20	WG1123588
Total Xylenes	16.8		0.582	0.792	100	06/13/2018 06:20	WG1123588
(S) Toluene-d8	112			80.0-120		06/13/2018 06:20	WG1123588
(S) Dibromofluoromethane	107			74.0-131		06/13/2018 06:20	WG1123588
(S) a,a,a-Trifluorotoluene	98.5			80.0-120		06/13/2018 06:20	WG1123588
(S) 4-Bromofluorobenzene	122			64.0-132		06/13/2018 06:20	WG1123588



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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	1070		19.6	48.7	10	06/16/2018 03:14	WG1124295
C28-C40 Oil Range	196		0.334	4.87	1	06/15/2018 20:09	WG1124295
(S) o-Terphenyl	80.5			18.0-148		06/16/2018 03:14	WG1124295
(S) o-Terphenyl	3.84	J2		18.0-148		06/15/2018 20:09	WG1124295

212C-MD-01269

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Collected date/time: 06/05/18 16:00

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	93.2		1	06/14/2018 14:23	WG1124369



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	3310		8.53	107	10	06/14/2018 16:06	WG1123435



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	0.0450	ВЈ	0.0233	0.107	1	06/14/2018 21:55	WG1123825
(S) a,a,a-Trifluorotoluene(FID)	103			77.0-120		06/14/2018 21:55	WG1123825



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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		0.000429	0.00107	1	06/13/2018 06:41	WG1123588
Toluene	U		0.00134	0.00537	1	06/13/2018 06:41	WG1123588
Ethylbenzene	U		0.000569	0.00268	1	06/13/2018 06:41	WG1123588
Total Xylenes	U		0.00513	0.00698	1	06/13/2018 06:41	WG1123588
(S) Toluene-d8	113			80.0-120		06/13/2018 06:41	WG1123588
(S) Dibromofluoromethane	102			74.0-131		06/13/2018 06:41	WG1123588
(S) a,a,a-Trifluorotoluene	93.6			80.0-120		06/13/2018 06:41	WG1123588
(S) 4-Bromofluorobenzene	121			64.0-132		06/13/2018 06:41	WG1123588



Sc

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.73	4.29	1	06/16/2018 01:58	WG1124295
C28-C40 Oil Range	1.24	<u>J</u>	0.294	4.29	1	06/16/2018 01:58	WG1124295
(S) o-Terphenyl	79.5			18.0-148		06/16/2018 01:58	WG1124295



Collected date/time: 06/05/18 16:05

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	87.9		1	06/14/2018 14:23	WG1124369

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	4710		9.05	114	10	06/14/2018 16:15	WG1123435



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	0.112	ВЈ	0.0247	0.114	1	06/14/2018 22:17	WG1123825
(S) a,a,a-Trifluorotoluene(FID)	104			77.0-120		06/14/2018 22:17	WG1123825



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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		0.000455	0.00114	1	06/13/2018 07:02	WG1123588
Toluene	U		0.00142	0.00569	1	06/13/2018 07:02	WG1123588
Ethylbenzene	U		0.000603	0.00285	1	06/13/2018 07:02	WG1123588
Total Xylenes	U		0.00544	0.00740	1	06/13/2018 07:02	WG1123588
(S) Toluene-d8	114			80.0-120		06/13/2018 07:02	WG1123588
(S) Dibromofluoromethane	100			74.0-131		06/13/2018 07:02	WG1123588
(S) a,a,a-Trifluorotoluene	97.3			80.0-120		06/13/2018 07:02	WG1123588
(S) 4-Bromofluorobenzene	121			64.0-132		06/13/2018 07:02	WG1123588



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	10.5		1.83	4.55	1	06/16/2018 02:10	WG1124295
C28-C40 Oil Range	4.48	<u>J</u>	0.312	4.55	1	06/16/2018 02:10	WG1124295
(S) o-Terphenyl	57.9			18.0-148		06/16/2018 02:10	WG1124295

ConocoPhillips - Tetra Tech

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Collected date/time: 06/05/18 14:00

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	92.4		1	06/14/2018 14:23	WG1124369



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	559		0.860	10.8	1	06/14/2018 16:25	WG1123435



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	130		2.35	10.8	100	06/14/2018 22:38	WG1123825
(S) a,a,a-Trifluorotoluene(FID)	104			77.0-120		06/14/2018 22:38	WG1123825



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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	0.000902	<u>J</u>	0.000866	0.00216	2	06/14/2018 12:22	WG1124412
Toluene	U		0.00271	0.0108	2	06/14/2018 12:22	WG1124412
Ethylbenzene	0.00843		0.00115	0.00541	2	06/14/2018 12:22	WG1124412
Total Xylenes	0.142		0.0103	0.0141	2	06/14/2018 12:22	WG1124412
(S) Toluene-d8	108			80.0-120		06/14/2018 12:22	WG1124412
(S) Dibromofluoromethane	100			74.0-131		06/14/2018 12:22	WG1124412
(S) a,a,a-Trifluorotoluene	105			80.0-120		06/14/2018 12:22	WG1124412
(S) 4-Bromofluorobenzene	82.5			64.0-132		06/14/2018 12:22	WG1124412



Sample Narrative:

L1000908-09 WG1124412: Non-target compounds too high to run at a lower dilution.

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	1870		17.4	43.3	10	06/16/2018 02:36	WG1124295
C28-C40 Oil Range	403		2.97	43.3	10	06/16/2018 02:36	WG1124295
(S) o-Terphenyl	20.6			18.0-148		06/16/2018 02:36	WG1124295

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Collected date/time: 06/05/18 14:05

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	88.8		1	06/14/2018 14:23	WG1124369



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	68.8		0.895	11.3	1	06/14/2018 16:54	WG1123435



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	0.0920	ВЈ	0.0244	0.113	1	06/14/2018 23:00	WG1123825
(S) a,a,a-Trifluorotoluene(FID)	104			77.0-120		06/14/2018 23:00	WG1123825



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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		0.000450	0.00113	1	06/13/2018 14:42	WG1123738
Toluene	U		0.00141	0.00563	1	06/13/2018 14:42	WG1123738
Ethylbenzene	U		0.000597	0.00281	1	06/13/2018 14:42	WG1123738
Total Xylenes	U		0.00538	0.00732	1	06/13/2018 14:42	WG1123738
(S) Toluene-d8	110			80.0-120		06/13/2018 14:42	WG1123738
(S) Dibromofluoromethane	95.1			74.0-131		06/13/2018 14:42	WG1123738
(S) a,a,a-Trifluorotoluene	108			80.0-120		06/13/2018 14:42	WG1123738
(S) 4-Bromofluorobenzene	109			64.0-132		06/13/2018 14:42	WG1123738



Sc

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	10.5		1.81	4.50	1	06/15/2018 21:03	WG1124295
C28-C40 Oil Range	11.1		0.308	4.50	1	06/15/2018 21:03	WG1124295
(S) o-Terphenyl	60.0			18.0-148		06/15/2018 21:03	WG1124295

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Collected date/time: 06/05/18 14:10

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	77.4		1	06/14/2018 11:07	WG1124370



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	57.4		1.03	12.9	1	06/14/2018 17:03	WG1123435



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	0.0590	ВЈ	0.0280	0.129	1	06/14/2018 23:22	WG1123825
(S) a,a,a-Trifluorotoluene(FID)	104			77.0-120		06/14/2018 23:22	WG1123825



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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	06/13/2018 15:02	WG1123738
Toluene	U		0.00161	0.00646	1	06/13/2018 15:02	WG1123738
Ethylbenzene	U		0.000685	0.00323	1	06/13/2018 15:02	WG1123738
Total Xylenes	U		0.00618	0.00840	1	06/13/2018 15:02	WG1123738
(S) Toluene-d8	107			80.0-120		06/13/2018 15:02	WG1123738
(S) Dibromofluoromethane	96.7			74.0-131		06/13/2018 15:02	WG1123738
(S) a,a,a-Trifluorotoluene	108			80.0-120		06/13/2018 15:02	WG1123738
(S) 4-Bromofluorobenzene	106			64.0-132		06/13/2018 15:02	WG1123738



Sc

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	9.03		2.08	5.17	1	06/15/2018 21:17	WG1124295
C28-C40 Oil Range	9.32		0.354	5.17	1	06/15/2018 21:17	WG1124295
(S) o-Terphenyl	58.4			18.0-148		06/15/2018 21:17	WG1124295

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Collected date/time: 06/05/18 15:00

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	94.0		1	06/14/2018 11:07	<u>WG1124370</u>



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	148		0.846	10.6	1	06/14/2018 17:13	WG1123435



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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	<u>Batch</u>
Analyte	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	443		4.62	21.3	200	06/18/2018 07:38	WG1125972
(S) a,a,a-Trifluorotoluene(FID)	103			77.0-120		06/18/2018 07:38	WG1125972



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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	0.00348	<u>J</u>	0.00341	0.00851	8	06/14/2018 12:41	WG1124412
Toluene	0.0578		0.0106	0.0426	8	06/14/2018 12:41	WG1124412
Ethylbenzene	0.154		0.00451	0.0213	8	06/14/2018 12:41	WG1124412
Total Xylenes	5.56		0.0407	0.0553	8	06/14/2018 12:41	WG1124412
(S) Toluene-d8	111			80.0-120		06/14/2018 12:41	WG1124412
(S) Dibromofluoromethane	106			74.0-131		06/14/2018 12:41	WG1124412
(S) a,a,a-Trifluorotoluene	105			80.0-120		06/14/2018 12:41	WG1124412
(S) 4-Bromofluorobenzene	138	J1		64.0-132		06/14/2018 12:41	WG1124412



Sample Narrative:

L1000908-12 WG1124412: Non-target compounds too high to run at a lower dilution.

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	3610		34.3	85.1	20	06/16/2018 03:27	WG1124295
C28-C40 Oil Range	684		5.83	85.1	20	06/16/2018 03:27	WG1124295
(S) o-Terphenyl	0.000	J7		18.0-148		06/16/2018 03:27	WG1124295

212C-MD-01269

DATE/TIME:

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

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	90.3		1	06/14/2018 11:07	WG1124370



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	40.1		0.880	11.1	1	06/14/2018 17:41	WG1123435



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	0.149		0.0240	0.111	1	06/18/2018 00:47	WG1125972
(S) a,a,a-Trifluorotoluene(FID)	101			77.0-120		06/18/2018 00:47	WG1125972



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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		0.000443	0.00111	1	06/13/2018 15:22	WG1123738
Toluene	U		0.00138	0.00553	1	06/13/2018 15:22	WG1123738
Ethylbenzene	U		0.000587	0.00277	1	06/13/2018 15:22	WG1123738
Total Xylenes	U		0.00529	0.00719	1	06/13/2018 15:22	WG1123738
(S) Toluene-d8	113			80.0-120		06/13/2018 15:22	WG1123738
(S) Dibromofluoromethane	96.6			74.0-131		06/13/2018 15:22	WG1123738
(S) a,a,a-Trifluorotoluene	106			80.0-120		06/13/2018 15:22	WG1123738
(S) 4-Bromofluorobenzene	108			64.0-132		06/13/2018 15:22	WG1123738



Sc

	5 11/1 1		1451 (1.)	221 (1.)	B.1		5
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	54.1		1.78	4.43	1	06/16/2018 01:45	WG1124295
C28-C40 Oil Range	13.9		0.303	4.43	1	06/16/2018 01:45	WG1124295
(S) o-Terphenyl	58.5			18.0-148		06/16/2018 01:45	WG1124295

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Collected date/time: 06/05/18 15:10

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	81.1		1	06/14/2018 11:07	WG1124370



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	59.6		0.980	12.3	1	06/14/2018 17:51	WG1123435



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	0.108	<u>J</u>	0.0268	0.123	1	06/18/2018 01:09	WG1125972
(S) a,a,a-Trifluorotoluene(FID)	102			77.0-120		06/18/2018 01:09	WG1125972



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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		0.000493	0.00123	1	06/13/2018 15:41	WG1123738
Toluene	U		0.00154	0.00617	1	06/13/2018 15:41	WG1123738
Ethylbenzene	U		0.000654	0.00308	1	06/13/2018 15:41	WG1123738
Total Xylenes	U		0.00590	0.00802	1	06/13/2018 15:41	WG1123738
(S) Toluene-d8	107			80.0-120		06/13/2018 15:41	WG1123738
(S) Dibromofluoromethane	98.5			74.0-131		06/13/2018 15:41	WG1123738
(S) a,a,a-Trifluorotoluene	104			80.0-120		06/13/2018 15:41	WG1123738
(S) 4-Bromofluorobenzene	105			64.0-132		06/13/2018 15:41	WG1123738



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	22.3		1.99	4.93	1	06/16/2018 06:12	WG1124295
C28-C40 Oil Range	8.27		0.338	4.93	1	06/16/2018 06:12	WG1124295
(S) o-Terphenyl	62.7			18.0-148		06/16/2018 06:12	WG1124295

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Total Solids by Method 2540 G-2011

L1000908-01,02,03,04,05,06,07,08,09,10

Method Blank (MB)

(MB) R3318157-1 06/	/14/18 14:23			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.000			

Ss

L1000908-10 Original Sample (OS) • Duplicate (DUP)

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	88.8	90.0	1	1.36		5

Laboratory Control Sample (LCS)

(LCS) R3318157-2 06/14/18 14:2

(LCS) R3318157-2 06/14/18	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

L1000908-11,12,13,14

Method Blank (MB)

(MB) R3318153-1 06	6/14/18 11:07			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.00200			

²Tc

Ss

[†]Cn

L1000908-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1000908-13	06/14/18 11:07	(DUP) R3318153-3	06/14/18 11:07
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	Original Result	: DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	90.3	90.5	1	0.158		5

⁵Sr

Laboratory Control Sample (LCS)

(LCS) R3318153-2 06/14/18 11:07

(LCS) R3318153-2 06/14/18	Spike Amount LCS Res	 LCS Rec.	Rec. Limits
Analyte	% %	%	%
Total Solids	50.0 50.0	100	85.0-115





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Wet Chemistry by Method 9056A

L1000908-01,02,03,04,05,06,07,08,09,10,11,12,13,14

Method Blank (MB)

(MB) R3318064-1 06/14/18 13:33												
	MB Result	MB Qualifier	MB MDL	MB RDL								
Analyte	mg/kg		mg/kg	mg/kg								
Chloride	U		0.795	10.0								









	(OS) L1000895-15 06/14/18 14:31 • (DUP) R3318064-4 06/14/18 14:40												
		Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits						
	Analyte	mg/kg	mg/kg		%		%						
	Chloride	76.6	76.6	1	0.0643		15						







(OS) L1000916-02 06/14/18 18:38 • (DUP) R3318064-7 06/14/18 18:48	(OS) L1000916-02	06/14/18 18:38 •	(DUP) R3318064-7	06/14/18 18:48
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(03) 21000310 02 00/14/10	Original Result (dry)		Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chloride	69.8	73.6	1	5.36		15







(LCS) R3318064-2	06/14/18 13:43 •	(LCSD) R3318064-3	06/14/18 13:52
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	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	204	200	102	99.8	80.0-120			2.01	15

L1000908-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1000908-09 06/14/18 16:25 • (MS) R3318064-5 06/14/18 16:34 • (MSD) R3318064-6 06/14/18 16:44

(03) 11000	(03) 21000300-03 00/14/10 10.23 (1813) 10310004-3 00/14/10 10.34 (1813) 10310004-0 00/14/10 10.44												
		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		541	559	1120	1120	104	105	1	80.0-120	E	Е	0.331	15

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

L1000908-01,02,03,04,05,06,07,08,09,10,11

Method Blank (MB)

(MB) R3318476-2 06/14/18 15:47									
	MB Result	MB Qualifier	MB MDL	MB RDL					
Analyte	mg/kg		mg/kg	mg/kg					
TPH (GC/FID) Low Fraction	0.0218	<u>J</u>	0.0217	0.100					
(S) a,a,a-Trifluorotoluene(FID)	105			77.0-120					



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

(LCS) R3318476-1 06/14/18	(LCS) R3318476-1 06/14/18 14:20 • (LCSD) R3318476-5 06/15/18 01:10													
	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	5.89	6.19	107	113	70.0-136			5.01	20				
(S) a,a,a-Trifluorotoluene(FID)				104	106	77.0-120								







L1000908-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(00) 11000000 02	OC/14/10 22:42 (MC) D2210/76 2	06/15/18 00:05 • (MSD) R3318476-4 06/15/18 00:27
10.511 1000906-07	UD/14/10 2.3 4.3 • HVI.31 R.3.3104/D=3	- UD/13/16 UU U3 • IIVI.3LJI K.3.3164/19-4 - UD/13/16 UU Z/

	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	5.95	107	500	439	66.1	55.9	100	10.0-147			12.9	30
(S) a.a.a-Trifluorotoluene(FID)					102	102		77.0-120				





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

L1000908-12,13,14

Method Blank (MB)

(MB) R3318792-3 06/18/18) R3318792-3 06/18/18 00:03							
	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) R3318792-1 06/17/18 22:58 • (LCSD) R3318792-2 06/17/18 23:20												
	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	5.77	5.55	105	101	70.0-136			3.81	20		
(S) a,a,a-Trifluorotoluene(FID)				104	104	77.0-120						







L1000908-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1000908-12 06/18/18 07:38 • (MS) R3318792-4 06/18/18 08:00 • (MSD) R3318792-5 06/18/18 08:22

(00) 21000000 12 00/10/	, ,	Original 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	5.85	443	1060	1020	52.9	49.4	200	10.0-147			3.94	30
(S) a,a,a-Trifluorotoluene(FID)					101	100		77.0-120				







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

L1000908-01,03,04,05,06,07,08

Method Blank (MB)

(MB) R3317397-3 06/12/18	23:31				
	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	103			74.0-131	
(S) a,a,a-Trifluorotoluene	99.9			80.0-120	
(S) 4-Bromofluorobenzene	117			64.0-132	

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

											
(LCS) R3317397-1 06/12/	′18 22:20 • (LCSE) R3317397-2	06/12/18 22:50)							
	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	0.122	0.126	97.5	101	71.0-124			3.68	20	
Ethylbenzene	0.125	0.127	0.132	102	105	77.0-120			3.27	20	
Toluene	0.125	0.123	0.124	98.4	99.2	70.0-120			0.791	20	
Xylenes, Total	0.375	0.347	0.356	92.5	94.9	77.0-120			2.56	20	
(S) Toluene-d8				110	109	80.0-120					
(S) Dibromofluoromethane				99.6	123	74.0-131					
(S) a,a,a-Trifluorotoluene				102	104	80.0-120					
(S) 4-Bromofluorobenzene				119	124	64.0-132					

L1000908-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

	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	0.142	U	0.175	0.174	123	122	1	13.0-146			0.711	27
Ethylbenzene	0.142	U	0.180	0.173	127	122	1	10.0-147			3.90	31
Toluene	0.142	U	0.174	0.170	122	120	1	10.0-144			1.84	28
Xylenes, Total	0.427	U	0.479	0.466	112	109	1	10.0-150			2.89	31
(S) Toluene-d8					113	108		80.0-120				
(S) Dibromofluoromethane					111	128		74.0-131				
(S) a,a,a-Trifluorotoluene					97.6	94.7		80.0-120				
(S) 4-Bromofluorobenzene					124	125		64.0-132				

















	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	0.142	U	0.175	0.174	123	122	1	13.0-146			0.711	27
Ethylbenzene	0.142	U	0.180	0.173	127	122	1	10.0-147			3.90	31
Toluene	0.142	U	0.174	0.170	122	120	1	10.0-144			1.84	28
Xylenes, Total	0.427	U	0.479	0.466	112	109	1	10.0-150			2.89	31
(S) Toluene-d8					113	108		80.0-120				
(S) Dibromofluoromethane					111	128		74.0-131				
(S) a,a,a-Trifluorotoluene					97.6	94.7		80.0-120				
(S) 4-Bromofluorobenzene					124	125		64.0-132				

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

L1000908-02

Method Blank (MB)

(MB) R3317578-3 06/13/18 1	10:17			
	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	107			80.0-120
(S) Dibromofluoromethane	101			74.0-131
(S) a,a,a-Trifluorotoluene	106			80.0-120
(S) 4-Bromofluorobenzene	99.2			64.0-132



(LCS) R3317578-1 06/13/18	3 09:17 • (LCSD)	R3317578-2 (06/13/18 09:37								'
	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	0.116	0.118	92.4	94.1	71.0-124			1.80	20	
Ethylbenzene	0.125	0.125	0.114	99.8	91.5	77.0-120			8.72	20	
Toluene	0.125	0.133	0.132	107	106	70.0-120			0.767	20	
Xylenes, Total	0.375	0.363	0.349	96.8	93.1	77.0-120			3.93	20	L
(S) Toluene-d8				107	103	80.0-120					
(S) Dibromofluoromethane				105	104	74.0-131					
(S) a,a,a-Trifluorotoluene				104	104	80.0-120					
(S) 4-Bromofluorobenzene				101	98.4	64.0-132					





















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

L1000908-10,11,13,14

Method Blank (MB)

(MB) R3317760-3 06/13/18 10:17						
	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	107			80.0-120		
(S) Dibromofluoromethane	101			74.0-131		
(S) a,a,a-Trifluorotoluene	106			80.0-120		
(S) 4-Bromofluorobenzene	99.2			64.0-132		

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

(LCS) R3317760-1 06/13/1	18 09:17 • (LCSD)	R3317760-2	06/13/18 09:37								_
	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	0.116	0.118	92.4	94.1	71.0-124			1.80	20	
Ethylbenzene	0.125	0.125	0.114	99.8	91.5	77.0-120			8.72	20	0
Toluene	0.125	0.133	0.132	107	106	70.0-120			0.767	20	
Xylenes, Total	0.375	0.363	0.349	96.8	93.1	77.0-120			3.93	20	L
(S) Toluene-d8				107	103	80.0-120					
(S) Dibromofluoromethane				105	104	74.0-131					
(S) a,a,a-Trifluorotoluene				104	104	80.0-120					
(S) 4-Bromofluorobenzene				101	98.4	64.0-132					

L1000944-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1000944-04 06/13/1	DS) L1000944-04 06/13/18 19:00 • (MS) R3317760-4 06/13/18 19:58 • (MSD) R3317760-5 06/13/18 20:18											
	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	0.0808	0.0555	64.6	44.4	1	13.0-146		<u>J3</u>	37.2	27
Ethylbenzene	0.125	ND	0.100	0.0719	80.4	57.6	1	10.0-147		<u>J3</u>	33.1	31
Toluene	0.125	ND	0.114	0.0815	91.3	65.2	1	10.0-144		<u>J3</u>	33.4	28
Xylenes, Total	0.375	ND	0.300	0.225	80.0	60.1	1	10.0-150			28.4	31
(S) Toluene-d8					114	111		80.0-120				
(S) Dibromofluoromethane					94.6	92.3		74.0-131				
(S) a,a,a-Trifluorotoluene					108	106		80.0-120				
(S) 4-Bromofluorobenzene					107	105		64.0-132				















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

L1000908-09,12

Method Blank (MB)

(MB) R3317902-3 06/14/18	10:15			
	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	111			80.0-120
(S) Dibromofluoromethane	93.6			74.0-131
(S) a,a,a-Trifluorotoluene	106			80.0-120
(S) 4-Bromofluorobenzene	103			64.0-132



(LCS) R3317902-1 06/14/1	(LCS) R3317902-1 06/14/18 08:56 • (LCSD) R3317902-2 06/14/18 09:16										
	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	0.112	0.113	90.0	90.6	71.0-124			0.652	20	
Ethylbenzene	0.125	0.115	0.121	91.9	97.2	77.0-120			5.52	20	
Toluene	0.125	0.130	0.135	104	108	70.0-120			3.76	20	
Xylenes, Total	0.375	0.346	0.356	92.3	94.9	77.0-120			2.85	20	L
(S) Toluene-d8				107	107	80.0-120					
(S) Dibromofluoromethane				105	103	74.0-131					
(S) a,a,a-Trifluorotoluene				106	106	80.0-120					
(S) 4-Bromofluorobenzene				99.8	101	64.0-132					

















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Semi-Volatile Organic Compounds (GC) by Method 8015 L1000908-01,02,03,04,05,06,07,08,09,10,11,12,13,14

18.0-148

Method Blank (MB)

(S) o-Terphenyl

(MB) R3318404-1 06/15/18 17:54

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







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

// CS/ D3318404 2 06/15/18 18:08 • // CSD/ D3318404-3 06/15/18 18:22

71.7

(LCS) R3318404-2 06/1	5/18 18:08 • (LCSL	J) R3318404	3 06/15/18 18:2.	2						
	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	31.1	34.4	62.3	68.7	50.0-150			9.81	20
(S) o-Terphenvl				82.0	90.8	18.0-148				











(OS) L1000908-01 06/15/18 18:36 • (MS) R3318404-4 06/15/18 18:50 • (MSD) R3318404-5 06/15/18 19:03

, ,	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	56.3	8.16	34.0	40.2	46.0	56.9	1	50.0-150	<u>J6</u>		16.7	20	
(S) o-Terphenyl					51.2	61.1		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

Appleviations 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 proportion and/or applying

times of preparation and/or analysis.

_	
В	The same analyte is found in the associated blank.
Е	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.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.
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.
J7	Surrogate recovery cannot be used for control limit evaluation due to dilution.





















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* 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 ESC Lab Sciences.

State Accreditations

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Alaska	17-026
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Arkansas	88-0469
California	2932
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Connecticut	PH-0197
Florida	E87487
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lowa	364
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Kentucky ²	16
Louisiana	Al30792
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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.



















Comps Name/Address:	12:19:22 PM	-	Billing Infar	mation	-	A nat / Coma et / Preser	Page 55 of 376 Chem of Custody Fageof
Tetra Tech 4000 N. B.g. Sp Ste. 401 TX	79705	/ .					ESC L-A-B B-C-I-E-N-C-E
Report to. Kay la Tai	4/01		1/2/2	le ely	ylor a tetratech	04	Mount Juliet, TN 37323 Phone: 615-730-5658 Phone: 808-767-5859 Fax. 615-736-5859
Description: Battle Ax	Client Project	Con	24	Collecte Lab Project	á CO, NM		F154
Fan.	2121-	MD-C	11769				
Coll cred by Iprint! Menitt	Site/Facility	o Age	21	P.O.			Acctions (ETEAM)
Collected by (signature)	HUSH!	Lab MUST 8		Date	Results Needed	70	Prefogra
	Next	Day	In the	Email?	No Yes		
Immediately Packed on Ice N Y	Two C	Day	1 4157611-DE		Na Yes No		
Sa le (D	Cemp/Up ab	1	Depth	Dirtey	Time Entrs	179	Shipped Via:
14 1 (0 1)	Licha	Sail	aul	USIR	11:00 1 00	VIXI III	-01
111/2/33	1 1		1.7	11/4/18	11:05		02
111/22			2-2	1/E/10	11:10		03
111 2 (0.1)		-	01	1/1/1/2	13:00		04
AH-2 (0-1)			1-2	0/5/10	12.05		05
## 2 (1-2)			22		12:10		06
AH (2-3)	-	-	15-3		17-10		97
WSW-3					(6:00		0)
ESW-3					10:05		
AH-5 (0-1)	4		0-1		14-00		10
AH-5 (1-2')	1		17-2	V	1405 V	Y W	
* Matrix: SS - Soil GW - Groundwa	ter WW - Waste	Water DW -	Drinking Wat	er OT - Other		pH Temp.	
Remarks:	12.				4430 342	3 6070 Flow Other	Hold #
Reling by natu		Date:	0		Received by (Signature)	Samples returned via:	
Total CALL		C-11.	-18	12:00	Takelle Jak	Fedtx D Courier	
Relificatived by (Signature)		Oate:		Te	Received by (Signature)	Temp. C Bott	les Received:
Relinquished by		Date:		Time.	Received for Inff by ASignature	Date T	OC Seatintact. N N

Received by OCD: 10/19/2021	12:19:22 PM									Pe	age 56 of 376
Company Name/Address:			Billing Infor	mation			-	Analysis / Contamer / P	TROSE FALL VAL	Chain bi Costos	
Teta leen s	oning s	7.				- 81			10 1	339	- (
4000 11/11/9						- 111	21 1				OF ENDONE
Ste. 401	0705						11			1.4.6	TO TENNER
Midland, TX /	176/5		A					1 2		13065 Lebanon A	
Kayla Taylor			Kayla.	Lewista	ylore tet	Partock.	,004			Nicont Adiot, TN Phone, 615-758-1 Phone, 800-767-1 Fay 615-758-585	5858 5859
Description Battle Axe	27 Fed		2#	City/State Collected: Lab Project #	ea CO, N	M	11-1		10:1	1. 216	160908
Phone:			- 10		9.					Table #	
ax	2120-	MD-C	1267			3	1 1	1 1 1	-		-
Collected by (print):	Site/Facility II	Axe	27	OII			1 8			Acctnum: U	BURANTA
Collected by (signature):	Rush?	Lab MUST Be	Notified)	Date	Results Needed		14	2		Prelogin:	
	Same	Day	200%		No. Mos	1		19		TSR	
Immediately	Two D	by	t be not advantaged	1100000	NoYes	No. (6)	8 12	K		P8:	
Packed on N Y	विवाहर	Day a session	tion allows and the	ico.t.		1 18		20		Name to vie	
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	intr _s			E de la	See, Comment	Smit Flot mic
AH-5/2-32	Gab	501	23	6/5/18	14:10	7 IX		X	1300		-11
14-6 (0-18)	1		10-1	100	15.00	Ting.	1				12
14 / / 1 25			1 2		TEOF						10
11-0 (1-0)	1		1-2	1	15-175	1980	N.				1 24
111-6/2-31	1		2-3	V	PV	W	V	West Transfer			
					3 9		_				
			- 0								
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	+						-				
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	14000 10000	41-4	B-1-11 - 111	der mit				рН	Temp		
* Matrix: SS - Soil GW - Groundwate	er www-water	Water DW-	Orinking Wate	er OT - Other						met 8	
Remarks:						0.	1	and the same of th	Other		
reinquibetby (Supriure)		Dat	10	100	Physical Physical	ure)	1	Samples return		tion ((lab use only)
TOUR MILE		5-11	-18	12001	alley	(c	1	□ Fedtx □		4	000
Relinquished by Distriction		Date:		ilma:	attriving by: (SI)	Mel.		The state of the s	Battles Received:		. /.
4		Control			and the latest	500		1,9-3	Time	COC Seal Intact:	N C NA
Relinquis		Date:			moved by ideal	20		15/110	845	pH Checked:	NCF.
Released to Imaging: 2/24/2023	8 8:25:16 AM		İ		Con	SOURCE OF		12/18	013		

	ESC LAB SCIENCES			
	Cooler Receipt Form			
Client:	TETRAHTY	SDG#	L1000	908
Cooler Received/Opened On: 6/ 2/18		Temperature:	1.9	
Revived By: Alexandra Murtaugh				
Signature: WWW				
Receipt Check List		NP	Yes	No
COC Seal Present / Intact?		-		
COC Signed / Accurate?			1	
Bottles arrive Intact?			1	
Correct bottles used?	TATE OF THE RESERVE		/	
Sufficient volume sent?			/	
If Applicable				
VOA Zero headspace?				
Preservation Correct / Checked?				



ANALYTICAL REPORT June 20, 2018

ConocoPhillips - Tetra Tech

Sample Delivery Group: L1000945 Samples Received: 06/12/2018

Project Number: 212C-MD-01269

Battle Axe 27 Fed Com 2H Description:

BATTLE AXE 27 Site:

Report To: Kayla Taylor

4001 N. Big Spring St., Ste. 401

Midland, TX 79705

Entire Report Reviewed By:

Chris McCord

Technical Service Representative 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 ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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	07 (IVII EE 0 (J 1 7 1 1 7 1 1	\ 1		
AH-3 (1-2) L1000945-01 Solid			Collected by Clint Merritt	Collected date/time 06/06/18 10:15	Received date/time 06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	. ,
Total Solids by Method 2540 G-2011	WG1125132	1	06/15/18 14:55	06/15/18 15:14	JD
Wet Chemistry by Method 9056A	WG1123639	1	06/13/18 12:03	06/15/18 19:35	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1124123	1	06/13/18 08:01	06/13/18 23:38	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1123917	1	06/13/18 08:01	06/13/18 13:18	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124296	1	06/15/18 23:10	06/16/18 13:16	DMW
AH-3 (2-3) L1000945-02 Solid			Collected by Clint Merritt	Collected date/time 06/06/18 10:20	Received date/time 06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1125132	1	06/15/18 14:55	06/15/18 15:14	JD
Wet Chemistry by Method 9056A	WG1123639	1	06/13/18 12:03	06/15/18 19:44	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1124123	1	06/13/18 08:01	06/14/18 00:00	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1123917	1	06/13/18 08:01	06/13/18 13:42	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124296	1	06/15/18 23:10	06/16/18 14:25	DMW
			Collected by	Collected date/time	Received date/time
AH-3 (3-4) L1000945-03 Solid			Clint Merritt	06/06/18 10:25	06/12/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1125132	1	06/15/18 14:55	06/15/18 15:14	JD
Wet Chemistry by Method 9056A	WG1123639	1	06/13/18 12:03	06/15/18 19:53	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1124123	1	06/13/18 08:01	06/14/18 00:21	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1123917	1	06/13/18 08:01	06/13/18 14:07	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124296	1	06/15/18 23:10	06/16/18 14:40	DMW
			Collected by	Collected date/time	Received date/time
ESW-3 (10') L1000945-04 Solid			Clint Merritt	06/06/18 10:30	06/12/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1125132	1	06/15/18 14:55	06/15/18 15:14	JD
Wet Chemistry by Method 9056A	WG1123639	1	06/13/18 12:03	06/15/18 20:03	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1124123	1	06/13/18 08:01	06/14/18 00:43	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1123917	1	06/13/18 08:01	06/13/18 14:32	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124296	1	06/15/18 23:10	06/16/18 17:29	AAT
			Collected by	Collected date/time	Received date/time
ESW-2 L1000945-05 Solid			Clint Merritt	06/06/18 11:00	06/12/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1125132	1	06/15/18 14:55	06/15/18 15:14	JD
Wet Chemistry by Method 9056A	WG1123639	1	06/13/18 12:03	06/15/18 20:22	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1124123	1	06/13/18 08:01	06/14/18 01:05	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1123917	1	06/13/18 08:01	06/13/18 14:57	DWR
C : 1/ L : 1 C	WC442 4207	4	00/40/40/40/40	00,40,40,00	MC



















WG1124297

06/16/18 12:19

06/16/18 19:38

MG

AH-2 (3-4) L1000945-06 Solid			Collected by Clint Merritt	Collected date/time 06/06/18 13:00	Received date/time 06/12/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1125132	1	06/15/18 14:55	06/15/18 15:14	JD
Wet Chemistry by Method 9056A	WG1123639	1	06/13/18 12:03	06/15/18 20:50	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1126634	250	06/13/18 08:01	06/19/18 14:49	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1123917	4	06/13/18 08:01	06/13/18 19:53	DWR
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126529	20	06/13/18 08:01	06/19/18 12:37	JAH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124297	1	06/16/18 12:19	06/17/18 00:21	MG
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124297	5	06/16/18 12:19	06/18/18 18:16	MTJ
ALL 2 (4 E) 1100004E 07 Solid			Collected by Clint Merritt	Collected date/time 06/06/18 13:05	Received date/time 06/12/18 08:45
AH-2 (4-5) L1000945-07 Solid					
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1125132	1	06/15/18 14:55	06/15/18 15:14	JD
Wet Chemistry by Method 9056A	WG1123132 WG1123639	1	06/13/18 12:03	06/15/18 21:00	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1126634	1	06/13/18 08:01	06/19/18 15:37	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126529	1	06/13/18 08:01	06/19/18 12:17	JAH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124297	1	06/16/18 12:19	06/16/18 19:51	MG
AH-2 (5-6) L1000945-08 Solid			Collected by Clint Merritt	Collected date/time 06/06/18 13:10	Received date/time 06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
Total Calida hu Mathad 25 40 C 2011	WG1125132	1	date/time	date/time	ID
Fotal Solids by Method 2540 G-2011 Wet Chemistry by Method 9056A	WG1123639	1 1	06/15/18 14:55 06/13/18 12:03	06/15/18 15:14 06/15/18 21:09	JD MAJ
/olatile Organic Compounds (GC) by Method 8015D/GRO	WG1124123	1	06/13/18 08:01	06/14/18 02:11	LRL
/olatile Organic Compounds (GC/MS) by Method 8260B	WG1123917	1	06/13/18 08:01	06/13/18 15:22	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124297	1	06/16/18 12:19	06/16/18 20:05	MG
			Collected by	Collected date/time	Received date/time
NSW-2 L1000945-09 Solid			Clint Merritt	06/06/18 14:00	06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
otal Solids by Method 2540 G-2011	WG1125132	1	06/15/18 14:55	06/15/18 15:14	JD
Vet Chemistry by Method 9056A	WG1123639	1	06/13/18 12:03	06/15/18 21:19	MAJ
olatile Organic Compounds (GC) by Method 8015D/GRO	WG1124123	1000	06/13/18 08:01	06/14/18 02:32	LRL
olatile Organic Compounds (GC/MS) by Method 8260B	WG1126529	100	06/13/18 08:01	06/19/18 12:57	JAH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124297	200	06/16/18 12:19	06/18/18 18:30	MTJ
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124297	5	06/16/18 12:19	06/17/18 00:48	MG
SSW-2 L1000945-10 Solid			Collected by Clint Merritt	Collected date/time 06/06/18 14:10	Received date/time 06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
fatal Calida hu Mathad 2540 C 2044	WC442E422		date/time	date/time	ID.
Total Solids by Method 2540 G-2011	WG1125132	1	06/15/18 14:55	06/15/18 15:14	JD
Wet Chemistry by Method 9056A	WG1123639	1	06/13/18 12:03	06/15/18 21:57	MAJ
/olatile Organic Compounds (GC) by Method 8015D/GRO	WG1124123	1	06/13/18 08:01	06/14/18 02:54	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1123917	1	06/13/18 08:01	06/13/18 15:46	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124297	1	06/16/18 12:19	06/16/18 20:18	MG





















			Collected by	Collected date/time	Received date/time
AH-4 (3-4) L1000945-11 Solid			Clint Merritt	06/06/18 15:00	06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1125134	1	06/15/18 14:06	06/15/18 14:19	JD
Wet Chemistry by Method 9056A	WG1123639	1	06/13/18 12:03	06/15/18 22:07	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1124123	1	06/13/18 08:01	06/14/18 03:16	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1123917	1	06/13/18 08:01	06/13/18 16:11	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124297	1	06/16/18 12:19	06/17/18 00:08	MG
			Collected by	Collected date/time	Received date/time
AH-4 (4-5) L1000945-12 Solid			Clint Merritt	06/06/18 15:05	06/12/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1125134	1	06/15/18 14:06	06/15/18 14:19	JD
Wet Chemistry by Method 9056A	WG1123639	1	06/13/18 12:03	06/15/18 22:16	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1124123	1	06/13/18 08:01	06/14/18 03:38	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1123917	1	06/13/18 08:01	06/13/18 16:36	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124297	1	06/16/18 12:19	06/16/18 20:32	MG
			Collected by	Collected date/time	Received date/tim
AH-4 (5-6) L1000945-13 Solid			Clint Merritt	06/06/18 15:10	06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1125134	1	06/15/18 14:06	06/15/18 14:19	JD
Wet Chemistry by Method 9056A	WG1123639	1	06/13/18 12:03	06/15/18 22:45	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1124123	1	06/13/18 08:01	06/14/18 04:00	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1123917	1	06/13/18 08:01	06/13/18 17:00	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124297	1	06/16/18 12:19	06/16/18 20:45	MG
			Collected by	Collected date/time	Received date/tim
WSW-4 L1000945-14 Solid			Clint Merritt	06/06/18 16:00	06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1125134	1	06/15/18 14:06	06/15/18 14:19	JD
Net Chemistry by Method 9056A	WG1123639	1	06/13/18 12:03	06/15/18 22:54	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1124123	1	06/13/18 08:01	06/14/18 04:22	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1123917	1	06/13/18 08:01	06/13/18 17:25	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124297	1	06/16/18 12:19	06/16/18 20:59	MG
			Collected by	Collected date/time	Received date/time
ESW-4 L1000945-15 Solid			Clint Merritt	06/06/18 16:05	06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1125134	1	06/15/18 14:06	06/15/18 14:19	JD
Wet Chemistry by Method 9056A	WG1123639	5	06/13/18 12:03	06/15/18 23:13	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1126634	1	06/13/18 08:01	06/19/18 16:01	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1123917	1	06/13/18 08:01	06/13/18 17:50	DWR
Comi Valatila Organia Campaunda (CC) by Mathad 0015	MC442 4207	4	00/40/40 40:40	0.0 (4.0 (4.0 04.40	MC

















WG1124297

06/16/18 12:19

06/16/18 21:13

MG

			Collected by	Collected date/time	Received date/time
ESW-4 (10') L1000945-16 Solid			Clint Merritt	06/07/18 08:45	06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1125134	1	06/15/18 14:06	06/15/18 14:19	JD
Wet Chemistry by Method 9056A	WG1123639	1	06/13/18 12:03	06/15/18 23:23	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1124123	1	06/13/18 08:01	06/14/18 05:05	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1123917	1	06/13/18 08:01	06/13/18 18:15	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124297	1	06/16/18 12:19	06/16/18 21:26	MG
			Collected by	Collected date/time	Received date/time
WSW-3 (1') L1000945-17 Solid			Clint Merritt	06/07/18 09:00	06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
T + 10 1 M 1 10 40 0 20 M	W0442E424		date/time	date/time	15
Total Solids by Method 2540 G-2011	WG1125134	1	06/15/18 14:06	06/15/18 14:19	JD
Wet Chemistry by Method 9056A	WG1123639	1	06/13/18 12:03	06/15/18 23:32	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1124123	1	06/13/18 08:01	06/14/18 05:27	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1123917	1	06/13/18 08:01	06/13/18 18:39	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124297	1	06/16/18 12:19	06/16/18 21:40	MG
			Collected by	Collected date/time	Received date/time
AH-7 (0-1') L1000945-18 Solid			Clint Merritt	06/07/18 10:00	06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1125134	1	06/15/18 14:06	06/15/18 14:19	JD
Wet Chemistry by Method 9056A	WG1123639	1	06/13/18 12:03	06/15/18 23:42	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1126634	100	06/13/18 08:01	06/19/18 14:25	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1123917	4	06/13/18 08:01	06/13/18 20:42	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124297	5	06/16/18 12:19	06/17/18 00:35	MG
			Collected by	Collected date/time	Received date/time
AH-7 (1-2') L1000945-19 Solid			Clint Merritt	06/07/18 10:05	06/12/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1125134	1	06/15/18 14:06	06/15/18 14:19	JD
Wet Chemistry by Method 9056A	WG1123639	1	06/13/18 12:03	06/15/18 23:51	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1124123	1	06/13/18 08:01	06/14/18 05:49	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1123917	1	06/13/18 08:01	06/13/18 19:04	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124297	1	06/16/18 12:19	06/16/18 22:34	MG
			Collected by	Collected date/time	Pacaivad data/time
AH-7 (2-3') L1000945-20 Solid			Collected by Clint Merritt	06/07/18 10:10	Received date/time 06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1125134	1	06/15/18 14:06	06/15/18 14:19	JD
Wet Chemistry by Method 9056A	WG1123639	1	06/13/18 12:03	06/16/18 00:01	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1124123	1	06/13/18 08:01	06/14/18 06:11	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1123917	1	06/13/18 08:01	06/13/18 19:29	DWR
	1110110 1007		0.0/4.0/4.0 4.0 4.0	00/40/40 00 47	



















WG1124297

06/16/18 12:19

06/16/18 22:47

MG

			Collected by	Collected date/time	Received date/time
AH-7 (3-4') L1000945-21 Solid			Clint Merritt	06/07/18 10:15	06/12/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1125135	1	06/15/18 13:53	06/15/18 13:59	JD
Wet Chemistry by Method 9056A	WG1123135 WG1123640	1	06/13/18 12:01	06/14/18 00:03	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1125330	1	06/13/18 08:16	06/18/18 04:12	JAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1124618	1	06/13/18 08:16	06/15/18 00:23	JAH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124297	1	06/16/18 12:19	06/16/18 23:01	MG
			Collected by	Collected date/time	Received date/time
AH-7 (4-5') L1000945-22 Solid			Clint Merritt	06/07/18 10:20	06/12/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1125135	1	06/15/18 13:53	06/15/18 13:59	JD
Wet Chemistry by Method 9056A	WG1123640	1	06/13/18 12:01	06/14/18 00:12	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1125330	1	06/13/18 08:16	06/18/18 04:33	JAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1124618	1	06/13/18 08:16	06/15/18 00:43	JAH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124297	1	06/16/18 12:19	06/16/18 23:41	MG
			Collected by	Collected date/time	Received date/time
AH-5 (3-4) L1000945-23 Solid			Clint Merritt	06/07/18 14:30	06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1125135	1	06/15/18 13:53	06/15/18 13:59	JD
Wet Chemistry by Method 9056A	WG1123640	1	06/13/18 12:01	06/14/18 00:22	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO Volatile Organic Compounds (GC/MS) by Method 8260B	WG1125330 WG1124618	1 1	06/13/18 08:16 06/13/18 08:16	06/18/18 04:54 06/15/18 01:03	JAH JAH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124297	1	06/16/18 12:19	06/16/18 23:54	MG
			Collected by	Collected date/time	Received date/time
AH-5 (4-5) L1000945-24 Solid			Clint Merritt	06/07/18 14:35	06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1125135	1	06/15/18 13:53	06/15/18 13:59	JD
Wet Chemistry by Method 9056A	WG1123640	1	06/13/18 12:01	06/14/18 00:31	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1125330	1	06/13/18 08:16	06/18/18 05:15	JAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1124618	1	06/13/18 08:16	06/15/18 01:23	JAH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124298	1	06/17/18 14:28	06/18/18 13:59	MTJ
			Collected by	Collected date/time	Received date/time
AH-5 (5-6) L1000945-25 Solid			Clint Merritt	06/07/18 14:40	06/12/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1125135	1	06/15/18 13:53	06/15/18 13:59	JD
Wet Chemistry by Method 9056A	WG1123640	1	06/13/18 12:01	06/14/18 00:50	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1125330	1	06/13/18 08:16	06/18/18 05:36	JAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1124618	1	06/13/18 08:16	06/15/18 01:43	JAH



















WG1124298

06/17/18 14:28

06/18/18 14:14

			Collected by	Collected date/time	Received date/time
WSW-5 L1000945-26 Solid			Clint Merritt	06/07/18 15:00	06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1125135	1	06/15/18 13:53	06/15/18 13:59	JD
Wet Chemistry by Method 9056A	WG1123640	1	06/13/18 12:01	06/14/18 01:00	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1125330	1	06/13/18 08:16	06/18/18 05:57	JAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1124618	1	06/13/18 08:16	06/15/18 02:03	JAH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124298	1	06/17/18 14:28	06/18/18 14:27	MTJ
			Collected by	Collected date/time	Received date/time
ESW-5 L1000945-27 Solid			Clint Merritt	06/07/18 15:05	06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
T + 10 15 1 - M + 1 - 105 40 0 0000	W0440E40E		date/time	date/time	ID.
Total Solids by Method 2540 G-2011	WG1125135	1	06/15/18 13:53	06/15/18 13:59	JD
Wet Chemistry by Method 9056A	WG1123640	10	06/13/18 12:01	06/14/18 01:28	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1125330	1	06/13/18 08:16	06/18/18 06:18	JAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1124618	1	06/13/18 08:16	06/15/18 02:23	JAH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124298	1	06/17/18 14:28	06/18/18 14:40	MTJ
			Collected by	Collected date/time	Received date/time
ESW-5 (10') L1000945-28 Solid			Clint Merritt	06/07/18 15:10	06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1125135	1	06/15/18 13:53	06/15/18 13:59	JD
Wet Chemistry by Method 9056A	WG1123640	1	06/13/18 12:01	06/14/18 01:38	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1125330	1	06/13/18 08:16	06/18/18 06:39	JAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1124618	1	06/13/18 08:16	06/15/18 02:43	JAH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124298	1	06/17/18 14:28	06/18/18 15:22	MTJ
			Collected by	Collected date/time	Received date/time
WSW-1 L1000945-29 Solid			Clint Merritt	06/08/18 08:15	06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1125135	1	06/15/18 13:53	06/15/18 13:59	JD
Wet Chemistry by Method 9056A	WG1123640	1	06/13/18 12:01	06/14/18 01:47	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1125330	1	06/13/18 08:16	06/18/18 07:00	JAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1124618	1	06/13/18 08:16	06/15/18 03:03	JAH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124298	1	06/17/18 14:28	06/18/18 15:35	MTJ
			Collected by	Collected date/time	Received date/time
NSW-1 L1000945-30 Solid			Clint Merritt	06/08/18 08:20	06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
Tabal Callida ha Madhad 2540 C 200	WOMOEAGE		date/time	date/time	ID.
Total Solids by Method 2540 G-2011	WG1125135	1	06/15/18 13:53	06/15/18 13:59	JD
Wet Chemistry by Method 9056A	WG1123640	1	06/13/18 12:01	06/14/18 02:16	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1125330	1	06/13/18 08:16	06/18/18 07:21	JAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1124618	1	06/13/18 08:16	06/15/18 03:24	JAH



















WG1124298

06/17/18 14:28

06/18/18 15:48

	07 (IVII EE 0 (J 14111417 (1	\ 1		
AH-1 (1-2) L1000945-31 Solid			Collected by Clint Merritt	Collected date/time 06/08/18 10:00	Received date/time 06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
	Saton	Sildioii	date/time	date/time	, mary se
Total Solids by Method 2540 G-2011	WG1125137	1	06/15/18 13:30	06/15/18 13:47	JD
Wet Chemistry by Method 9056A	WG1123640	1	06/13/18 12:01	06/14/18 02:25	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1125330	1	06/13/18 08:16	06/18/18 07:42	JAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1124618	1	06/13/18 08:16	06/15/18 03:44	JAH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124298	1	06/17/18 14:28	06/18/18 16:02	MTJ
AH-1 (2-3) L1000945-32 Solid			Collected by Clint Merritt	Collected date/time 06/08/18 10:05	Received date/time 06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1125137	1	06/15/18 13:30	06/15/18 13:47	JD
Wet Chemistry by Method 9056A	WG1123640	1	06/13/18 12:01	06/14/18 02:35	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1125972	1	06/13/18 08:16	06/18/18 01:30	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1124618	1	06/13/18 08:16	06/15/18 04:04	JAH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124298	1	06/17/18 14:28	06/18/18 16:16	MTJ
			Collected by	Collected date/time	Received date/time
AH-1 (3-4) L1000945-33 Solid			Clint Merritt	06/08/18 10:10	06/12/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1125137	1	06/15/18 13:30	06/15/18 13:47	JD
Wet Chemistry by Method 9056A	WG11231640	1	06/13/18 12:01	06/14/18 02:44	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1125972	1	06/13/18 08:16	06/18/18 01:52	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1124618	1	06/13/18 08:16	06/15/18 04:24	JAH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124298	3	06/17/18 14:28	06/18/18 16:29	MTJ
			Collected by	Collected date/time	Received date/time
WSW-9 L1000945-34 Solid			Clint Merritt	06/08/18 11:00	06/12/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1125137	1	06/15/18 13:30	06/15/18 13:47	JD
Wet Chemistry by Method 9056A	WG1123137 WG1123640	1	06/13/18 12:01	06/14/18 02:54	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1125972	1	06/13/18 08:16	06/18/18 02:13	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1124618	1	06/13/18 08:16	06/15/18 04:44	JAH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124298	1	06/17/18 14:28	06/18/18 16:43	MTJ
			Collected by	Collected date/time	Received date/time
ESW-9 L1000945-35 Solid			Clint Merritt	06/08/18 11:05	06/12/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1125137	1	06/15/18 13:30	06/15/18 13:47	JD
Wet Chemistry by Method 9056A	WG1123640	1	06/13/18 12:01	06/14/18 03:23	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1125972	1	06/13/18 08:16	06/18/18 02:35	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1124618	1	06/13/18 08:16	06/15/18 05:04	JAH
Carri Valatila Organia Carra avada (CC) ha Mathaul CC45	WC442 4200	4	00/47/40/44/00	00,40,40,40,57	MTI



















WG1124298

06/17/18 14:28

06/18/18 16:57

			Collected by	Collected date/time	Received date/time
SSW-9 L1000945-36 Solid			Clint Merritt	06/08/18 11:10	06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
mediod	Baten	Bliddoll	date/time	date/time	raidiyse
Total Solids by Method 2540 G-2011	WG1125137	1	06/15/18 13:30	06/15/18 13:47	JD
Wet Chemistry by Method 9056A	WG1123640	1	06/13/18 12:01	06/14/18 03:32	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1125972	1	06/13/18 08:16	06/18/18 02:56	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1124618	1	06/13/18 08:16	06/15/18 05:24	JAH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124298	1	06/17/18 14:28	06/18/18 17:11	MTJ
			Collected by	Collected date/time	Received date/time
AH-9 (1-2) L1000945-37 Solid			Clint Merritt	06/08/18 11:15	06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
Total Calida hu Mathad 2010 C 2011	WG1125137	1	date/time	date/time	ID
Total Solids by Method 2540 G-2011 Wet Chemistry by Method 9056A	WG1123640	1	06/15/18 13:30 06/13/18 12:01	06/15/18 13:47 06/14/18 03:42	JD MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1125972	1	06/13/18 08:16	06/18/18 03:42	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1124618	1	06/13/18 08:16	06/15/18 05:44	JAH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124298	1	06/17/18 14:28	06/18/18 17:24	MTJ
Semi-volutie organie compounds (66) sy method cons	W6112 1230	•	00/11/10 11.20	00/10/10 17:21	11113
			Collected by	Collected date/time	Received date/time
WSW-6 L1000945-38 Solid			Clint Merritt	06/06/18 13:30	06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1125137	1	06/15/18 13:30	06/15/18 13:47	JD
Wet Chemistry by Method 9056A	WG1123640	1	06/13/18 12:01	06/14/18 04:01	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1125972	1	06/13/18 08:16	06/18/18 03:40	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124618 WG1124298	1	06/13/18 08:16 06/17/18 14:28	06/15/18 06:04 06/18/18 17:36	JAH MTJ
Semi-volatile Organic Compounts (GC) by Method 8015	WG1124290	ı	00/1//10 14.20	00/16/16 17.30	IVITS
			Collected by	Collected date/time	Received date/time
ESW-6 L1000945-39 Solid			Clint Merritt	06/06/18 13:35	06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1125137	1	06/15/18 13:30	06/15/18 13:47	JD
Wet Chemistry by Method 9056A	WG1123640	5	06/13/18 12:01	06/14/18 04:10	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1125972	1	06/13/18 08:16	06/18/18 04:01	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1124618	1	06/13/18 08:16	06/15/18 06:24	JAH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124298	1	06/17/18 14:28	06/18/18 17:49	MTJ
			Collected by	Collected date/time	Received date/time
ESW-6 (10') L1000945-40 Solid			Clint Merritt	06/06/18 13:40	06/12/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1125137	1	06/15/18 13:30	06/15/18 13:47	JD
Wet Chemistry by Method 9056A	WG1123640	1	06/13/18 12:01	06/14/18 04:20	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1125972	1	06/13/18 08:16	06/18/18 04:23	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1124618	1	06/13/18 08:16	06/15/18 06:44	JAH
Carri Valatila Organia Carra annala (CC) las Matha d 0045	W0442 4200	4	00/47/40 44:20	00/40/40 40:02	MTI



















WG1124298

06/17/18 14:28

06/18/18 18:02

SAMPLE SUMMARY



AH-6 (3-4') L1000945-41 Solid			Collected by Clint Merritt	Collected date/time 06/06/18 13:45	Received date/time 06/12/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1125139	1	06/15/18 14:30	06/15/18 14:39	KS
Wet Chemistry by Method 9056A	WG1123828	1	06/13/18 13:36	06/13/18 16:53	DR
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1125972	1	06/13/18 08:16	06/18/18 04:45	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1124803	1	06/13/18 08:16	06/15/18 00:15	JHH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1124298	1	06/17/18 14:28	06/18/18 18:16	MTJ



















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.

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Technical Service Representative

SAMPLE RESULTS - 01 L1000945

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Collected date/time: 06/06/18 10:15

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	91.0		1	06/15/2018 15:14	<u>WG1125132</u>



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	57.8		0.874	11.0	1	06/15/2018 19:35	WG1123639



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	0.0256	<u>J</u>	0.0238	0.110	1	06/13/2018 23:38	WG1124123
(S) a,a,a-Trifluorotoluene(FID)	104			77.0-120		06/13/2018 23:38	WG1124123



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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	0.000899	<u>J</u>	0.000440	0.00110	1	06/13/2018 13:18	WG1123917
Toluene	U		0.00137	0.00549	1	06/13/2018 13:18	WG1123917
Ethylbenzene	U		0.000582	0.00275	1	06/13/2018 13:18	WG1123917
Total Xylenes	U		0.00525	0.00714	1	06/13/2018 13:18	WG1123917
(S) Toluene-d8	114			80.0-120		06/13/2018 13:18	WG1123917
(S) Dibromofluoromethane	102			74.0-131		06/13/2018 13:18	WG1123917
(S) a,a,a-Trifluorotoluene	103			80.0-120		06/13/2018 13:18	WG1123917
(S) 4-Bromofluorobenzene	101			64.0-132		06/13/2018 13:18	WG1123917



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.77	4.40	1	06/16/2018 13:16	WG1124296
C28-C40 Oil Range	0.321	<u>J</u>	0.301	4.40	1	06/16/2018 13:16	WG1124296
(S) o-Terphenyl	71.0			18.0-148		06/16/2018 13:16	WG1124296

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Collected date/time: 06/06/18 10:20

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	80.8		1	06/15/2018 15:14	WG1125132



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	57.1		0.984	12.4	1	06/15/2018 19:44	WG1123639



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	0.0433	<u>J</u>	0.0269	0.124	1	06/14/2018 00:00	WG1124123
(S) a,a,a-Trifluorotoluene(FID)	104			77.0-120		06/14/2018 00:00	WG1124123



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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		0.000495	0.00124	1	06/13/2018 13:42	WG1123917
Toluene	U		0.00155	0.00619	1	06/13/2018 13:42	WG1123917
Ethylbenzene	U		0.000656	0.00309	1	06/13/2018 13:42	WG1123917
Total Xylenes	U		0.00592	0.00805	1	06/13/2018 13:42	WG1123917
(S) Toluene-d8	113			80.0-120		06/13/2018 13:42	WG1123917
(S) Dibromofluoromethane	102			74.0-131		06/13/2018 13:42	WG1123917
(S) a,a,a-Trifluorotoluene	102			80.0-120		06/13/2018 13:42	WG1123917
(S) 4-Bromofluorobenzene	101			64.0-132		06/13/2018 13:42	WG1123917



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.99	4.95	1	06/16/2018 14:25	WG1124296
C28-C40 Oil Range	U		0.339	4.95	1	06/16/2018 14:25	WG1124296
(S) o-Terphenyl	68.2			18.0-148		06/16/2018 14:25	WG1124296

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Collected date/time: 06/06/18 10:25

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	94.0		1	06/15/2018 15:14	WG1125132



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	47.0		0.846	10.6	1	06/15/2018 19:53	WG1123639



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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	0.0330	<u>J</u>	0.0231	0.106	1	06/14/2018 00:21	WG1124123
(S) a,a,a-Trifluorotoluene(FID)	104			77.0-120		06/14/2018 00:21	WG1124123



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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		0.000426	0.00106	1	06/13/2018 14:07	WG1123917
Toluene	U		0.00133	0.00532	1	06/13/2018 14:07	WG1123917
Ethylbenzene	U		0.000564	0.00266	1	06/13/2018 14:07	WG1123917
Total Xylenes	U		0.00509	0.00692	1	06/13/2018 14:07	WG1123917
(S) Toluene-d8	111			80.0-120		06/13/2018 14:07	WG1123917
(S) Dibromofluoromethane	103			74.0-131		06/13/2018 14:07	WG1123917
(S) a,a,a-Trifluorotoluene	102			80.0-120		06/13/2018 14:07	WG1123917
(S) 4-Bromofluorobenzene	101			64.0-132		06/13/2018 14:07	WG1123917



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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		1.71	4.26	1	06/16/2018 14:40	WG1124296
C28-C40 Oil Range	U		0.292	4.26	1	06/16/2018 14:40	WG1124296
(S) o-Terphenyl	83.3			18.0-148		06/16/2018 14:40	WG1124296

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Collected date/time: 06/06/18 10:30

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	94.9		1	06/15/2018 15:14	WG1125132



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	45.8		0.838	10.5	1	06/15/2018 20:03	WG1123639



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	0.105	1	06/14/2018 00:43	WG1124123
(S) a,a,a-Trifluorotoluene(FID)	104			77.0-120		06/14/2018 00:43	WG1124123



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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		0.000422	0.00105	1	06/13/2018 14:32	WG1123917	
Toluene	U		0.00132	0.00527	1	06/13/2018 14:32	WG1123917	
Ethylbenzene	U		0.000559	0.00264	1	06/13/2018 14:32	WG1123917	
Total Xylenes	U		0.00504	0.00685	1	06/13/2018 14:32	WG1123917	
(S) Toluene-d8	113			80.0-120		06/13/2018 14:32	WG1123917	
(S) Dibromofluoromethane	101			74.0-131		06/13/2018 14:32	WG1123917	
(S) a,a,a-Trifluorotoluene	102			80.0-120		06/13/2018 14:32	WG1123917	
(S) 4-Bromofluorobenzene	101			64 0-132		06/13/2018 14:32	WG1123917	



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.70	4.22	1	06/16/2018 17:29	WG1124296
C28-C40 Oil Range	3.25	<u>J</u>	0.289	4.22	1	06/16/2018 17:29	WG1124296
(S) o-Terphenyl	85.6			18.0-148		06/16/2018 17:29	WG1124296



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

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	83.8		1	06/15/2018 15:14	<u>WG1125132</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	59.6		0.949	11.9	1	06/15/2018 20:22	WG1123639



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	0.102	<u>J</u>	0.0259	0.119	1	06/14/2018 01:05	WG1124123
(S) a,a,a-Trifluorotoluene(FID)	104			77.0-120		06/14/2018 01:05	WG1124123



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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		0.000477	0.00119	1	06/13/2018 14:57	WG1123917
Toluene	U		0.00149	0.00597	1	06/13/2018 14:57	WG1123917
Ethylbenzene	U		0.000633	0.00298	1	06/13/2018 14:57	WG1123917
Total Xylenes	U		0.00570	0.00776	1	06/13/2018 14:57	WG1123917
(S) Toluene-d8	112			80.0-120		06/13/2018 14:57	WG1123917
(S) Dibromofluoromethane	102			74.0-131		06/13/2018 14:57	WG1123917
(S) a,a,a-Trifluorotoluene	102			80.0-120		06/13/2018 14:57	WG1123917
(S) 4-Bromofluorobenzene	101			64 0-132		06/13/2018 14:57	WG1123917



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.92	4.77	1	06/16/2018 19:38	WG1124297
C28-C40 Oil Range	0.531	<u>J</u>	0.327	4.77	1	06/16/2018 19:38	WG1124297
(S) o-Terphenyl	62.8			18.0-148		06/16/2018 19:38	WG1124297

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

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	76.9		1	06/15/2018 15:14	WG1125132



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	60.6		1.03	13.0	1	06/15/2018 20:50	WG1123639



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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	776		7.05	32.5	250	06/19/2018 14:49	WG1126634
(S) a,a,a-Trifluorotoluene(FID)	99.7			77.0-120		06/19/2018 14:49	WG1126634



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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	0.164		0.00208	0.00520	4	06/13/2018 19:53	WG1123917
Toluene	7.06		0.0325	0.130	20	06/19/2018 12:37	WG1126529
Ethylbenzene	1.53		0.00276	0.0130	4	06/13/2018 19:53	WG1123917
Total Xylenes	26.5		0.124	0.169	20	06/19/2018 12:37	WG1126529
(S) Toluene-d8	108			80.0-120		06/13/2018 19:53	WG1123917
(S) Toluene-d8	111			80.0-120		06/19/2018 12:37	WG1126529
(S) Dibromofluoromethane	101			74.0-131		06/13/2018 19:53	WG1123917
(S) Dibromofluoromethane	103			74.0-131		06/19/2018 12:37	WG1126529
(S) a,a,a-Trifluorotoluene	100			80.0-120		06/13/2018 19:53	WG1123917
(S) a,a,a-Trifluorotoluene	103			80.0-120		06/19/2018 12:37	WG1126529
(S) 4-Bromofluorobenzene	110			64.0-132		06/13/2018 19:53	WG1123917
(S) 4-Bromofluorobenzene	109			64.0-132		06/19/2018 12:37	WG1126529

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	738		10.5	26.0	5	06/18/2018 18:16	WG1124297
C28-C40 Oil Range	92.0		0.356	5.20	1	06/17/2018 00:21	WG1124297
(S) o-Terphenyl	70.0			18.0-148		06/17/2018 00:21	WG1124297
(S) o-Terphenyl	96.5			18.0-148		06/18/2018 18:16	WG1124297

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

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	85.8		1	06/15/2018 15:14	WG1125132



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	58.5		0.927	11.7	1	06/15/2018 21:00	WG1123639



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	1.29		0.0253	0.117	1	06/19/2018 15:37	WG1126634
(S) a,a,a-Trifluorotoluene(FID)	100			77.0-120		06/19/2018 15:37	<u>WG1126634</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		0.000466	0.00117	1	06/19/2018 12:17	WG1126529
Toluene	0.00168	J	0.00146	0.00583	1	06/19/2018 12:17	WG1126529
Ethylbenzene	U		0.000618	0.00291	1	06/19/2018 12:17	WG1126529
Total Xylenes	0.0149		0.00557	0.00758	1	06/19/2018 12:17	WG1126529
(S) Toluene-d8	112			80.0-120		06/19/2018 12:17	WG1126529
(S) Dibromofluoromethane	96.7			74.0-131		06/19/2018 12:17	WG1126529
(S) a,a,a-Trifluorotoluene	105			80.0-120		06/19/2018 12:17	WG1126529
(S) 4-Bromofluorobenzene	103			64.0-132		06/19/2018 12:17	WG1126529



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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	28.1		1.88	4.66	1	06/16/2018 19:51	WG1124297
C28-C40 Oil Range	4.24	<u>J</u>	0.319	4.66	1	06/16/2018 19:51	WG1124297
(S) o-Terphenyl	58.5			18.0-148		06/16/2018 19:51	WG1124297

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

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	77.9		1	06/15/2018 15:14	WG1125132



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	71.1		1.02	12.8	1	06/15/2018 21:09	WG1123639



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	1.60		0.0278	0.128	1	06/14/2018 02:11	WG1124123
(S) a,a,a-Trifluorotoluene(FID)	100			77.0-120		06/14/2018 02:11	WG1124123



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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		0.000513	0.00128	1	06/13/2018 15:22	WG1123917
Toluene	U		0.00160	0.00642	1	06/13/2018 15:22	WG1123917
Ethylbenzene	U		0.000680	0.00321	1	06/13/2018 15:22	WG1123917
Total Xylenes	0.0109		0.00613	0.00834	1	06/13/2018 15:22	WG1123917
(S) Toluene-d8	113			80.0-120		06/13/2018 15:22	WG1123917
(S) Dibromofluoromethane	101			74.0-131		06/13/2018 15:22	WG1123917
(S) a,a,a-Trifluorotoluene	102			80.0-120		06/13/2018 15:22	WG1123917
(S) 4-Rromofluorohenzene	102			64 0-132		06/13/2018 15:22	WG1123917



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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	43.9		2.07	5.13	1	06/16/2018 20:05	WG1124297
C28-C40 Oil Range	4.92	<u>J</u>	0.352	5.13	1	06/16/2018 20:05	WG1124297
(S) o-Terphenyl	49.0			18.0-148		06/16/2018 20:05	WG1124297

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

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	90.0		1	06/15/2018 15:14	WG1125132



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	801	<u>J6</u>	0.883	11.1	1	06/15/2018 21:19	WG1123639



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	3120		24.1	111	1000	06/14/2018 02:32	WG1124123
(S) a,a,a-Trifluorotoluene(FID)	95.7			77.0-120		06/14/2018 02:32	WG1124123



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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	0.410		0.0444	0.111	100	06/19/2018 12:57	WG1126529
Toluene	24.7		0.139	0.555	100	06/19/2018 12:57	WG1126529
Ethylbenzene	6.03		0.0589	0.278	100	06/19/2018 12:57	WG1126529
Total Xylenes	92.7		0.531	0.722	100	06/19/2018 12:57	WG1126529
(S) Toluene-d8	111			80.0-120		06/19/2018 12:57	WG1126529
(S) Dibromofluoromethane	104			74.0-131		06/19/2018 12:57	WG1126529
(S) a,a,a-Trifluorotoluene	104			80.0-120		06/19/2018 12:57	WG1126529
(S) 4-Bromofluorobenzene	106			64.0-132		06/19/2018 12:57	WG1126529



Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	<u>Batch</u>
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	4620		358	889	200	06/18/2018 18:30	WG1124297
C28-C40 Oil Range	649		1.52	22.2	5	06/17/2018 00:48	WG1124297
(S) o-Terphenyl	481	<u>J1</u>		18.0-148		06/17/2018 00:48	WG1124297
(S) o-Terphenyl	0.000	J7		18.0-148		06/18/2018 18:30	WG1124297

Sample Narrative:

L1000945-09 WG1124297: Surrogate failure due to matrix interference

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

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	96.0		1	06/15/2018 15:14	WG1125132



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	44.1		0.828	10.4	1	06/15/2018 21:57	WG1123639



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	0.0333	<u>J</u>	0.0226	0.104	1	06/14/2018 02:54	WG1124123
(S) a,a,a-Trifluorotoluene(FID)	103			77.0-120		06/14/2018 02:54	WG1124123



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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		0.000417	0.00104	1	06/13/2018 15:46	WG1123917
Toluene	U		0.00130	0.00521	1	06/13/2018 15:46	WG1123917
Ethylbenzene	U		0.000552	0.00260	1	06/13/2018 15:46	WG1123917
Total Xylenes	U		0.00498	0.00677	1	06/13/2018 15:46	WG1123917
(S) Toluene-d8	113			80.0-120		06/13/2018 15:46	WG1123917
(S) Dibromofluoromethane	100			74.0-131		06/13/2018 15:46	WG1123917
(S) a,a,a-Trifluorotoluene	101			80.0-120		06/13/2018 15:46	WG1123917
(S) 4-Bromofluorobenzene	102			64.0-132		06/13/2018 15:46	WG1123917



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.68	4.17	1	06/16/2018 20:18	WG1124297
C28-C40 Oil Range	0.645	<u>J</u>	0.285	4.17	1	06/16/2018 20:18	WG1124297
(S) o-Terphenyl	66.2			18.0-148		06/16/2018 20:18	WG1124297

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

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	88.9		1	06/15/2018 14:19	WG1125134



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	54.6		0.894	11.3	1	06/15/2018 22:07	WG1123639



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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	0.0286	<u>J</u>	0.0244	0.113	1	06/14/2018 03:16	WG1124123
(S) a,a,a-Trifluorotoluene(FID)	104			77.0-120		06/14/2018 03:16	WG1124123



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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		0.000450	0.00113	1	06/13/2018 16:11	WG1123917
Toluene	U		0.00141	0.00563	1	06/13/2018 16:11	WG1123917
Ethylbenzene	U		0.000596	0.00281	1	06/13/2018 16:11	WG1123917
Total Xylenes	U		0.00538	0.00731	1	06/13/2018 16:11	WG1123917
(S) Toluene-d8	113			80.0-120		06/13/2018 16:11	WG1123917
(S) Dibromofluoromethane	100			74.0-131		06/13/2018 16:11	WG1123917
(S) a,a,a-Trifluorotoluene	100			80.0-120		06/13/2018 16:11	WG1123917
(S) 4-Bromofluorobenzene	102			64.0-132		06/13/2018 16:11	WG1123917



	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	06/17/2018 00:08	WG1124297
C28-C40 Oil Range	2.45	<u>J</u>	0.308	4.50	1	06/17/2018 00:08	WG1124297
(S) o-Terphenyl	64.0			18.0-148		06/17/2018 00:08	WG1124297

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

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	91.2		1	06/15/2018 14:19	WG1125134



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	52.1		0.872	11.0	1	06/15/2018 22:16	WG1123639



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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		0.0238	0.110	1	06/14/2018 03:38	WG1124123
(S) a,a,a-Trifluorotoluene(FID)	104			77.0-120		06/14/2018 03:38	WG1124123



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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		0.000439	0.00110	1	06/13/2018 16:36	WG1123917
Toluene	U		0.00137	0.00548	1	06/13/2018 16:36	WG1123917
Ethylbenzene	U		0.000581	0.00274	1	06/13/2018 16:36	WG1123917
Total Xylenes	U		0.00524	0.00713	1	06/13/2018 16:36	WG1123917
(S) Toluene-d8	113			80.0-120		06/13/2018 16:36	WG1123917
(S) Dibromofluoromethane	101			74.0-131		06/13/2018 16:36	WG1123917
(S) a,a,a-Trifluorotoluene	101			80.0-120		06/13/2018 16:36	WG1123917
(S) 4-Bromofluorobenzene	101			64.0-132		06/13/2018 16:36	WG1123917



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.77	4.39	1	06/16/2018 20:32	WG1124297
C28-C40 Oil Range	0.431	<u>J</u>	0.301	4.39	1	06/16/2018 20:32	WG1124297
(S) o-Terphenyl	66.5			18.0-148		06/16/2018 20:32	WG1124297

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Collected date/time: 06/06/18 15:10

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	89.1		1	06/15/2018 14:19	<u>WG1125134</u>



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	53.1		0.893	11.2	1	06/15/2018 22:45	WG1123639



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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		0.0244	0.112	1	06/14/2018 04:00	WG1124123
(S) a,a,a-Trifluorotoluene(FID)	104			77.0-120		06/14/2018 04:00	WG1124123



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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		0.000449	0.00112	1	06/13/2018 17:00	WG1123917	
Toluene	U		0.00140	0.00561	1	06/13/2018 17:00	WG1123917	
Ethylbenzene	U		0.000595	0.00281	1	06/13/2018 17:00	WG1123917	
Total Xylenes	U		0.00537	0.00730	1	06/13/2018 17:00	WG1123917	
(S) Toluene-d8	113			80.0-120		06/13/2018 17:00	WG1123917	
(S) Dibromofluoromethane	101			74.0-131		06/13/2018 17:00	WG1123917	
(S) a,a,a-Trifluorotoluene	101			80.0-120		06/13/2018 17:00	WG1123917	
(S) 4-Bromofluorobenzene	101			64.0-132		06/13/2018 17:00	WG1123917	



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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	4.49	1	06/16/2018 20:45	WG1124297
C28-C40 Oil Range	U		0.308	4.49	1	06/16/2018 20:45	WG1124297
(S) o-Terphenyl	72.9			18.0-148		06/16/2018 20:45	WG1124297

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Collected date/time: 06/06/18 16:00

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	90.6		1	06/15/2018 14:19	WG1125134



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	314	<u>J3</u>	0.877	11.0	1	06/15/2018 22:54	WG1123639



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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		0.0239	0.110	1	06/14/2018 04:22	WG1124123
(S) a,a,a-Trifluorotoluene(FID)	105			77.0-120		06/14/2018 04:22	WG1124123



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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		0.000441	0.00110	1	06/13/2018 17:25	WG1123917
Toluene	U		0.00138	0.00552	1	06/13/2018 17:25	WG1123917
Ethylbenzene	U		0.000585	0.00276	1	06/13/2018 17:25	WG1123917
Total Xylenes	U		0.00527	0.00717	1	06/13/2018 17:25	WG1123917
(S) Toluene-d8	112			80.0-120		06/13/2018 17:25	WG1123917
(S) Dibromofluoromethane	101			74.0-131		06/13/2018 17:25	WG1123917
(S) a,a,a-Trifluorotoluene	101			80.0-120		06/13/2018 17:25	WG1123917
(S) 4-Bromofluorobenzene	101			64.0-132		06/13/2018 17:25	WG1123917



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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	U		1.78	4.41	1	06/16/2018 20:59	WG1124297
C28-C40 Oil Range	0.571	<u>J</u>	0.302	4.41	1	06/16/2018 20:59	WG1124297
(S) o-Terphenyl	63.2			18.0-148		06/16/2018 20:59	WG1124297

ConocoPhillips - Tetra Tech

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Collected date/time: 06/06/18 16:05

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	79.6		1	06/15/2018 14:19	<u>WG1125134</u>



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	1290		5.00	62.8	5	06/15/2018 23:13	WG1123639



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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	0.0696	<u>J</u>	0.0273	0.126	1	06/19/2018 16:01	WG1126634
(S) a,a,a-Trifluorotoluene(FID)	100			77.0-120		06/19/2018 16:01	WG1126634



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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		0.000503	0.00126	1	06/13/2018 17:50	WG1123917	
Toluene	U		0.00157	0.00628	1	06/13/2018 17:50	WG1123917	
Ethylbenzene	U		0.000666	0.00314	1	06/13/2018 17:50	WG1123917	
Total Xylenes	0.00802	<u>J</u>	0.00601	0.00817	1	06/13/2018 17:50	WG1123917	
(S) Toluene-d8	111			80.0-120		06/13/2018 17:50	WG1123917	
(S) Dibromofluoromethane	102			74.0-131		06/13/2018 17:50	WG1123917	
(S) a,a,a-Trifluorotoluene	100			80.0-120		06/13/2018 17:50	WG1123917	
(S) 4-Bromofluorobenzene	102			64.0-132		06/13/2018 17:50	WG1123917	



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		2.02	5.03	1	06/16/2018 21:13	WG1124297
C28-C40 Oil Range	U		0.344	5.03	1	06/16/2018 21:13	WG1124297
(S) o-Terphenyl	50.8			18.0-148		06/16/2018 21:13	WG1124297

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Collected date/time: 06/07/18 08:45

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	95.1		1	06/15/2018 14:19	<u>WG1125134</u>



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	82.7		0.836	10.5	1	06/15/2018 23:23	WG1123639



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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		0.0228	0.105	1	06/14/2018 05:05	WG1124123
(S) a,a,a-Trifluorotoluene(FID)	104			77.0-120		06/14/2018 05:05	WG1124123



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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		0.000421	0.00105	1	06/13/2018 18:15	WG1123917	
Toluene	U		0.00131	0.00526	1	06/13/2018 18:15	WG1123917	
Ethylbenzene	U		0.000557	0.00263	1	06/13/2018 18:15	WG1123917	
Total Xylenes	U		0.00503	0.00683	1	06/13/2018 18:15	WG1123917	
(S) Toluene-d8	114			80.0-120		06/13/2018 18:15	WG1123917	
(S) Dibromofluoromethane	99.5			74.0-131		06/13/2018 18:15	WG1123917	
(S) a,a,a-Trifluorotoluene	101			80.0-120		06/13/2018 18:15	WG1123917	
(S) 4-Bromofluorobenzene	102			64.0-132		06/13/2018 18:15	WG1123917	



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	4.92		1.69	4.21	1	06/16/2018 21:26	WG1124297
C28-C40 Oil Range	2.95	<u>J</u>	0.288	4.21	1	06/16/2018 21:26	WG1124297
(S) o-Terphenyl	69.6			18.0-148		06/16/2018 21:26	WG1124297

SAMPLE RESULTS - 17 L1000945

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Collected date/time: 06/07/18 09:00

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	82.2		1	06/15/2018 14:19	WG1125134



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	68.6		0.967	12.2	1	06/15/2018 23:32	WG1123639



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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		0.0264	0.122	1	06/14/2018 05:27	WG1124123
(S) a,a,a-Trifluorotoluene(FID)	105			77.0-120		06/14/2018 05:27	WG1124123



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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		0.000486	0.00122	1	06/13/2018 18:39	WG1123917
Toluene	U		0.00152	0.00608	1	06/13/2018 18:39	WG1123917
Ethylbenzene	U		0.000644	0.00304	1	06/13/2018 18:39	WG1123917
Total Xylenes	U		0.00581	0.00790	1	06/13/2018 18:39	WG1123917
(S) Toluene-d8	113			80.0-120		06/13/2018 18:39	WG1123917
(S) Dibromofluoromethane	101			74.0-131		06/13/2018 18:39	WG1123917
(S) a,a,a-Trifluorotoluene	101			80.0-120		06/13/2018 18:39	WG1123917
(S) 4-Bromofluorobenzene	102			64.0-132		06/13/2018 18:39	WG1123917



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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	
C10-C28 Diesel Range	U		1.96	4.86	1	06/16/2018 21:40	WG1124297
C28-C40 Oil Range	0.766	<u>J</u>	0.333	4.86	1	06/16/2018 21:40	WG1124297
(S) o-Terphenyl	60.9			18.0-148		06/16/2018 21:40	WG1124297

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Collected date/time: 06/07/18 10:00

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	86.3		1	06/15/2018 14:19	<u>WG1125134</u>



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	62.7		0.921	11.6	1	06/15/2018 23:42	WG1123639



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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	262		2.51	11.6	100	06/19/2018 14:25	WG1126634
(S) a,a,a-Trifluorotoluene(FID)	101			77.0-120		06/19/2018 14:25	<u>WG1126634</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		0.00185	0.00463	4	06/13/2018 20:42	WG1123917
Toluene	0.0159	<u>J</u>	0.00579	0.0232	4	06/13/2018 20:42	WG1123917
Ethylbenzene	0.110		0.00246	0.0116	4	06/13/2018 20:42	WG1123917
Total Xylenes	3.99		0.0221	0.0301	4	06/13/2018 20:42	WG1123917
(S) Toluene-d8	114			80.0-120		06/13/2018 20:42	WG1123917
(S) Dibromofluoromethane	98.7			74.0-131		06/13/2018 20:42	WG1123917
(S) a,a,a-Trifluorotoluene	102			80.0-120		06/13/2018 20:42	WG1123917
(S) 4-Bromofluorobenzene	109			64.0-132		06/13/2018 20:42	WG1123917



Sample Narrative:

L1000945-18 WG1123917: Non-target compounds too high to run at a lower dilution.

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	1070		9.33	23.2	5	06/17/2018 00:35	WG1124297
C28-C40 Oil Range	170		1.59	23.2	5	06/17/2018 00:35	WG1124297
(S) o-Terphenyl	142			18.0-148		06/17/2018 00:35	WG1124297

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Collected date/time: 06/07/18 10:05

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	78.4		1	06/15/2018 14:19	<u>WG1125134</u>



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	64.6		1.01	12.8	1	06/15/2018 23:51	WG1123639



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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	1.02		0.0277	0.128	1	06/14/2018 05:49	WG1124123
(S) a,a,a-Trifluorotoluene(FID)	103			77.0-120		06/14/2018 05:49	WG1124123



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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		0.000510	0.00128	1	06/13/2018 19:04	WG1123917
Toluene	U		0.00159	0.00638	1	06/13/2018 19:04	WG1123917
Ethylbenzene	U		0.000676	0.00319	1	06/13/2018 19:04	WG1123917
Total Xylenes	0.0110		0.00610	0.00829	1	06/13/2018 19:04	WG1123917
(S) Toluene-d8	112			80.0-120		06/13/2018 19:04	WG1123917
(S) Dibromofluoromethane	101			74.0-131		06/13/2018 19:04	WG1123917
(S) a,a,a-Trifluorotoluene	101			80.0-120		06/13/2018 19:04	WG1123917
(S) 4-Bromofluorobenzene	103			64.0-132		06/13/2018 19:04	WG1123917



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	13.9		2.05	5.10	1	06/16/2018 22:34	WG1124297
C28-C40 Oil Range	1.90	<u>J</u>	0.350	5.10	1	06/16/2018 22:34	WG1124297
(S) o-Terphenyl	64.4			18.0-148		06/16/2018 22:34	WG1124297

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Collected date/time: 06/07/18 10:10

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	89.8		1	06/15/2018 14:19	WG1125134



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	50.8		0.885	11.1	1	06/16/2018 00:01	WG1123639



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	0.0614	<u>J</u>	0.0242	0.111	1	06/14/2018 06:11	WG1124123
(S) a,a,a-Trifluorotoluene(FID)	104			77.0-120		06/14/2018 06:11	WG1124123



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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		0.000445	0.00111	1	06/13/2018 19:29	WG1123917
Toluene	U		0.00139	0.00557	1	06/13/2018 19:29	WG1123917
Ethylbenzene	U		0.000590	0.00278	1	06/13/2018 19:29	WG1123917
Total Xylenes	U		0.00532	0.00724	1	06/13/2018 19:29	WG1123917
(S) Toluene-d8	113			80.0-120		06/13/2018 19:29	WG1123917
(S) Dibromofluoromethane	100			74.0-131		06/13/2018 19:29	WG1123917
(S) a,a,a-Trifluorotoluene	101			80.0-120		06/13/2018 19:29	WG1123917
(S) 4-Bromofluorobenzene	101			64.0-132		06/13/2018 19:29	WG1123917



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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	
C10-C28 Diesel Range	12.2		1.79	4.45	1	06/16/2018 22:47	WG1124297
C28-C40 Oil Range	3.21	<u>J</u>	0.305	4.45	1	06/16/2018 22:47	WG1124297
(S) o-Terphenyl	68.2			18.0-148		06/16/2018 22:47	WG1124297

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Collected date/time: 06/07/18 10:15

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	91.2		1	06/15/2018 13:59	WG1125135



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	33.8		0.872	11.0	1	06/14/2018 00:03	WG1123640



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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
TPH (GC/FID) Low Fraction	U		0.0238	0.110	1	06/18/2018 04:12	WG1125330
(S) a,a,a-Trifluorotoluene(FID)	101			77.0-120		06/18/2018 04:12	WG1125330



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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		0.000439	0.00110	1	06/15/2018 00:23	WG1124618
Toluene	U		0.00137	0.00548	1	06/15/2018 00:23	WG1124618
Ethylbenzene	U		0.000581	0.00274	1	06/15/2018 00:23	WG1124618
Total Xylenes	U		0.00524	0.00713	1	06/15/2018 00:23	WG1124618
(S) Toluene-d8	110			80.0-120		06/15/2018 00:23	WG1124618
(S) Dibromofluoromethane	96.0			74.0-131		06/15/2018 00:23	WG1124618
(S) a,a,a-Trifluorotoluene	106			80.0-120		06/15/2018 00:23	WG1124618
(S) 4-Bromofluorobenzene	102			64.0-132		06/15/2018 00:23	WG1124618



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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	11.4		1.77	4.39	1	06/16/2018 23:01	WG1124297
C28-C40 Oil Range	2.70	<u>J</u>	0.300	4.39	1	06/16/2018 23:01	WG1124297
(S) o-Terphenyl	60.3			18.0-148		06/16/2018 23:01	WG1124297

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Collected date/time: 06/07/18 10:20

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	91.1		1	06/15/2018 13:59	WG1125135



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	35.8		0.872	11.0	1	06/14/2018 00:12	WG1123640



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	0.0257	<u>J</u>	0.0238	0.110	1	06/18/2018 04:33	WG1125330
(S) a,a,a-Trifluorotoluene(FID)	99.8			77.0-120		06/18/2018 04:33	WG1125330



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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		0.000439	0.00110	1	06/15/2018 00:43	WG1124618
Toluene	U		0.00137	0.00549	1	06/15/2018 00:43	WG1124618
Ethylbenzene	U		0.000582	0.00274	1	06/15/2018 00:43	WG1124618
Total Xylenes	U		0.00525	0.00713	1	06/15/2018 00:43	WG1124618
(S) Toluene-d8	114			80.0-120		06/15/2018 00:43	WG1124618
(S) Dibromofluoromethane	94.2			74.0-131		06/15/2018 00:43	WG1124618
(S) a,a,a-Trifluorotoluene	106			80.0-120		06/15/2018 00:43	WG1124618
(S) 4-Bromofluorobenzene	106			64.0-132		06/15/2018 00:43	WG1124618



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	21.5		1.77	4.39	1	06/16/2018 23:41	WG1124297
C28-C40 Oil Range	4.41		0.301	4.39	1	06/16/2018 23:41	WG1124297
(S) o-Terphenyl	62.3			18.0-148		06/16/2018 23:41	WG1124297

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Collected date/time: 06/07/18 14:30

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	81.1		1	06/15/2018 13:59	WG1125135



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	49.2		0.980	12.3	1	06/14/2018 00:22	WG1123640



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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		0.0268	0.123	1	06/18/2018 04:54	WG1125330
(S) a,a,a-Trifluorotoluene(FID)	103			77.0-120		06/18/2018 04:54	WG1125330



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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		0.000493	0.00123	1	06/15/2018 01:03	WG1124618
Toluene	U		0.00154	0.00617	1	06/15/2018 01:03	WG1124618
Ethylbenzene	0.000858	<u>J</u>	0.000654	0.00308	1	06/15/2018 01:03	WG1124618
Total Xylenes	U		0.00589	0.00801	1	06/15/2018 01:03	WG1124618
(S) Toluene-d8	110			80.0-120		06/15/2018 01:03	WG1124618
(S) Dibromofluoromethane	95.5			74.0-131		06/15/2018 01:03	WG1124618
(S) a,a,a-Trifluorotoluene	110			80.0-120		06/15/2018 01:03	WG1124618
(S) 4-Bromofluorobenzene	106			64.0-132		06/15/2018 01:03	WG1124618



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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	2.03	<u>J</u>	1.99	4.93	1	06/16/2018 23:54	WG1124297
C28-C40 Oil Range	1.16	<u>J</u>	0.338	4.93	1	06/16/2018 23:54	WG1124297
(S) o-Terphenyl	49.8			18.0-148		06/16/2018 23:54	WG1124297

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Collected date/time: 06/07/18 14:35

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	95.7		1	06/15/2018 13:59	WG1125135



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	33.5		0.831	10.5	1	06/14/2018 00:31	WG1123640



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		0.0227	0.105	1	06/18/2018 05:15	WG1125330
(S) a,a,a-Trifluorotoluene(FID)	101			77.0-120		06/18/2018 05:15	WG1125330



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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		0.000418	0.00105	1	06/15/2018 01:23	WG1124618
Toluene	U		0.00131	0.00523	1	06/15/2018 01:23	WG1124618
Ethylbenzene	U		0.000554	0.00261	1	06/15/2018 01:23	WG1124618
Total Xylenes	U		0.00500	0.00680	1	06/15/2018 01:23	WG1124618
(S) Toluene-d8	110			80.0-120		06/15/2018 01:23	WG1124618
(S) Dibromofluoromethane	97.0			74.0-131		06/15/2018 01:23	WG1124618
(S) a,a,a-Trifluorotoluene	108			80.0-120		06/15/2018 01:23	WG1124618
(S) 4-Bromofluorobenzene	105			64.0-132		06/15/2018 01:23	WG1124618



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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		1.68	4.18	1	06/18/2018 13:59	WG1124298
C28-C40 Oil Range	0.610	<u>J</u>	0.286	4.18	1	06/18/2018 13:59	WG1124298
(S) o-Terphenyl	102			18.0-148		06/18/2018 13:59	WG1124298

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Collected date/time: 06/07/18 14:40

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	94.0		1	06/15/2018 13:59	<u>WG1125135</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	34.8		0.846	10.6	1	06/14/2018 00:50	WG1123640



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		0.0231	0.106	1	06/18/2018 05:36	WG1125330
(S) a,a,a-Trifluorotoluene(FID)	97.7			77.0-120		06/18/2018 05:36	<u>WG1125330</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		0.000426	0.00106	1	06/15/2018 01:43	WG1124618
Toluene	U		0.00133	0.00532	1	06/15/2018 01:43	WG1124618
Ethylbenzene	U		0.000564	0.00266	1	06/15/2018 01:43	WG1124618
Total Xylenes	U		0.00509	0.00692	1	06/15/2018 01:43	WG1124618
(S) Toluene-d8	111			80.0-120		06/15/2018 01:43	WG1124618
(S) Dibromofluoromethane	94.2			74.0-131		06/15/2018 01:43	WG1124618
(S) a,a,a-Trifluorotoluene	107			80.0-120		06/15/2018 01:43	WG1124618
(S) 4-Bromofluorobenzene	106			64.0-132		06/15/2018 01:43	WG1124618



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.71	4.26	1	06/18/2018 14:14	WG1124298
C28-C40 Oil Range	U		0.292	4.26	1	06/18/2018 14:14	WG1124298
(S) o-Terphenyl	108			18.0-148		06/18/2018 14:14	WG1124298

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Collected date/time: 06/07/18 15:00

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	95.5		1	06/15/2018 13:59	WG1125135



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	16.0		0.833	10.5	1	06/14/2018 01:00	WG1123640



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		0.0227	0.105	1	06/18/2018 05:57	WG1125330
(S) a,a,a-Trifluorotoluene(FID)	100			77.0-120		06/18/2018 05:57	<u>WG1125330</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		0.000419	0.00105	1	06/15/2018 02:03	WG1124618
Toluene	U		0.00131	0.00524	1	06/15/2018 02:03	WG1124618
Ethylbenzene	U		0.000555	0.00262	1	06/15/2018 02:03	WG1124618
Total Xylenes	U		0.00501	0.00681	1	06/15/2018 02:03	WG1124618
(S) Toluene-d8	110			80.0-120		06/15/2018 02:03	WG1124618
(S) Dibromofluoromethane	96.5			74.0-131		06/15/2018 02:03	WG1124618
(S) a,a,a-Trifluorotoluene	105			80.0-120		06/15/2018 02:03	WG1124618
(S) 4-Bromofluorobenzene	106			64.0-132		06/15/2018 02:03	WG1124618



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.69	4.19	1	06/18/2018 14:27	WG1124298
C28-C40 Oil Range	2.52	<u>J</u>	0.287	4.19	1	06/18/2018 14:27	WG1124298
(S) o-Terphenyl	102			18.0-148		06/18/2018 14:27	WG1124298

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Collected date/time: 06/07/18 15:05

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	92.1		1	06/15/2018 13:59	WG1125135



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	4440		8.63	109	10	06/14/2018 01:28	WG1123640



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	06/18/2018 06:18	WG1125330
(S) a,a,a-Trifluorotoluene(FID)	100			77.0-120		06/18/2018 06:18	WG1125330



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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		0.000434	0.00109	1	06/15/2018 02:23	WG1124618
Toluene	U		0.00136	0.00543	1	06/15/2018 02:23	WG1124618
Ethylbenzene	U		0.000575	0.00271	1	06/15/2018 02:23	WG1124618
Total Xylenes	U		0.00519	0.00706	1	06/15/2018 02:23	WG1124618
(S) Toluene-d8	107			80.0-120		06/15/2018 02:23	WG1124618
(S) Dibromofluoromethane	95.9			74.0-131		06/15/2018 02:23	WG1124618
(S) a,a,a-Trifluorotoluene	106			80.0-120		06/15/2018 02:23	WG1124618
(S) 4-Bromofluorobenzene	107			64.0-132		06/15/2018 02:23	WG1124618



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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		1.75	4.34	1	06/18/2018 14:40	WG1124298
C28-C40 Oil Range	1.35	<u>J</u>	0.297	4.34	1	06/18/2018 14:40	WG1124298
(S) o-Terphenyl	89.1			18.0-148		06/18/2018 14:40	WG1124298

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Collected date/time: 06/07/18 15:10

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	94.1		1	06/15/2018 13:59	WG1125135



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	40.2		0.845	10.6	1	06/14/2018 01:38	WG1123640



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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		0.0231	0.106	1	06/18/2018 06:39	WG1125330
(S) a,a,a-Trifluorotoluene(FID)	102			77.0-120		06/18/2018 06:39	<u>WG1125330</u>



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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		0.000425	0.00106	1	06/15/2018 02:43	WG1124618
Toluene	U		0.00133	0.00531	1	06/15/2018 02:43	WG1124618
Ethylbenzene	U		0.000563	0.00266	1	06/15/2018 02:43	WG1124618
Total Xylenes	U		0.00508	0.00691	1	06/15/2018 02:43	WG1124618
(S) Toluene-d8	109			80.0-120		06/15/2018 02:43	WG1124618
(S) Dibromofluoromethane	94.7			74.0-131		06/15/2018 02:43	WG1124618
(S) a,a,a-Trifluorotoluene	106			80.0-120		06/15/2018 02:43	WG1124618
(S) 4-Bromofluorobenzene	105			64.0-132		06/15/2018 02:43	WG1124618



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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		1.71	4.25	1	06/18/2018 15:22	WG1124298
C28-C40 Oil Range	2.49	<u>J</u>	0.291	4.25	1	06/18/2018 15:22	WG1124298
(S) o-Terphenyl	103			18.0-148		06/18/2018 15:22	WG1124298

Collected date/time: 06/08/18 08:15

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	92.0		1	06/15/2018 13:59	<u>WG1125135</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	70.7		0.865	10.9	1	06/14/2018 01:47	WG1123640



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	06/18/2018 07:00	WG1125330
(S) a,a,a-Trifluorotoluene(FID)	103			77.0-120		06/18/2018 07:00	WG1125330



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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		0.000435	0.00109	1	06/15/2018 03:03	WG1124618
Toluene	U		0.00136	0.00544	1	06/15/2018 03:03	WG1124618
Ethylbenzene	U		0.000576	0.00272	1	06/15/2018 03:03	WG1124618
Total Xylenes	U		0.00520	0.00707	1	06/15/2018 03:03	WG1124618
(S) Toluene-d8	111			80.0-120		06/15/2018 03:03	WG1124618
(S) Dibromofluoromethane	95.8			74.0-131		06/15/2018 03:03	WG1124618
(S) a,a,a-Trifluorotoluene	108			80.0-120		06/15/2018 03:03	WG1124618
(S) 4-Bromofluorobenzene	105			64.0-132		06/15/2018 03:03	WG1124618



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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	2.40	<u>J</u>	1.75	4.35	1	06/18/2018 15:35	WG1124298
C28-C40 Oil Range	5.63		0.298	4.35	1	06/18/2018 15:35	WG1124298
(S) o-Terphenyl	98.3			18.0-148		06/18/2018 15:35	WG1124298

Collected date/time: 06/08/18 08:20

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	78.2		1	06/15/2018 13:59	WG1125135



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	64.1		1.02	12.8	1	06/14/2018 02:16	WG1123640



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		0.0277	0.128	1	06/18/2018 07:21	WG1125330
(S) a,a,a-Trifluorotoluene(FID)	100			77.0-120		06/18/2018 07:21	<u>WG1125330</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	<u>Batch</u>
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000511	0.00128	1	06/15/2018 03:24	WG1124618
Toluene	U		0.00160	0.00639	1	06/15/2018 03:24	WG1124618
Ethylbenzene	U		0.000678	0.00320	1	06/15/2018 03:24	WG1124618
Total Xylenes	U		0.00611	0.00831	1	06/15/2018 03:24	WG1124618
(S) Toluene-d8	108			80.0-120		06/15/2018 03:24	WG1124618
(S) Dibromofluoromethane	96.4			74.0-131		06/15/2018 03:24	WG1124618
(S) a,a,a-Trifluorotoluene	110			80.0-120		06/15/2018 03:24	WG1124618
(S) 4-Bromofluorobenzene	106			64.0-132		06/15/2018 03:24	WG1124618



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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	3.87	<u>J</u>	2.06	5.11	1	06/18/2018 15:48	WG1124298
C28-C40 Oil Range	6.66		0.350	5.11	1	06/18/2018 15:48	WG1124298
(S) o-Terphenyl	81.3			18.0-148		06/18/2018 15:48	WG1124298

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Collected date/time: 06/08/18 10:00

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	74.4		1	06/15/2018 13:47	WG1125137



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	59.8		1.07	13.4	1	06/14/2018 02:25	WG1123640



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		0.0292	0.134	1	06/18/2018 07:42	WG1125330
(S) a,a,a-Trifluorotoluene(FID)	101			77.0-120		06/18/2018 07:42	<u>WG1125330</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		0.000538	0.00134	1	06/15/2018 03:44	WG1124618
Toluene	U		0.00168	0.00672	1	06/15/2018 03:44	WG1124618
Ethylbenzene	U		0.000713	0.00336	1	06/15/2018 03:44	WG1124618
Total Xylenes	U		0.00643	0.00874	1	06/15/2018 03:44	WG1124618
(S) Toluene-d8	109			80.0-120		06/15/2018 03:44	WG1124618
(S) Dibromofluoromethane	92.6			74.0-131		06/15/2018 03:44	WG1124618
(S) a,a,a-Trifluorotoluene	107			80.0-120		06/15/2018 03:44	WG1124618
(S) 4-Bromofluorobenzene	106			64.0-132		06/15/2018 03:44	WG1124618



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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		2.16	5.38	1	06/18/2018 16:02	WG1124298
C28-C40 Oil Range	0.377	<u>J</u>	0.368	5.38	1	06/18/2018 16:02	WG1124298
(S) o-Terphenyl	55.8			18.0-148		06/18/2018 16:02	WG1124298

Collected date/time: 06/08/18 10:05

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	74.9		1	06/15/2018 13:47	WG1125137



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	57.6		1.06	13.3	1	06/14/2018 02:35	WG1123640



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	0.0290	<u>J</u>	0.0290	0.133	1	06/18/2018 01:30	WG1125972
(S) a,a,a-Trifluorotoluene(FID)	103			77.0-120		06/18/2018 01:30	WG1125972



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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		0.000534	0.00133	1	06/15/2018 04:04	WG1124618
Toluene	U		0.00167	0.00667	1	06/15/2018 04:04	WG1124618
Ethylbenzene	U		0.000708	0.00334	1	06/15/2018 04:04	WG1124618
Total Xylenes	U		0.00638	0.00868	1	06/15/2018 04:04	WG1124618
(S) Toluene-d8	110			80.0-120		06/15/2018 04:04	WG1124618
(S) Dibromofluoromethane	94.3			74.0-131		06/15/2018 04:04	WG1124618
(S) a,a,a-Trifluorotoluene	108			80.0-120		06/15/2018 04:04	WG1124618
(S) 4-Bromofluorobenzene	106			64.0-132		06/15/2018 04:04	WG1124618

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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		2.15	5.34	1	06/18/2018 16:16	WG1124298
C28-C40 Oil Range	U		0.366	5.34	1	06/18/2018 16:16	WG1124298
(S) o-Terphenyl	69.9			18.0-148		06/18/2018 16:16	WG1124298

Collected date/time: 06/08/18 10:10

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	77.9		1	06/15/2018 13:47	WG1125137



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	51.6		1.02	12.8	1	06/14/2018 02:44	WG1123640



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	0.0351	<u>J</u>	0.0279	0.128	1	06/18/2018 01:52	WG1125972
(S) a,a,a-Trifluorotoluene(FID)	102			77.0-120		06/18/2018 01:52	WG1125972



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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		0.000513	0.00128	1	06/15/2018 04:24	WG1124618
Toluene	U		0.00160	0.00642	1	06/15/2018 04:24	WG1124618
Ethylbenzene	U		0.000680	0.00321	1	06/15/2018 04:24	WG1124618
Total Xylenes	U		0.00614	0.00834	1	06/15/2018 04:24	WG1124618
(S) Toluene-d8	110			80.0-120		06/15/2018 04:24	WG1124618
(S) Dibromofluoromethane	92.9			74.0-131		06/15/2018 04:24	WG1124618
(S) a,a,a-Trifluorotoluene	110			80.0-120		06/15/2018 04:24	WG1124618
(S) 4-Bromofluorobenzene	105			64.0-132		06/15/2018 04:24	WG1124618



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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		6.20	15.4	3	06/18/2018 16:29	WG1124298
C28-C40 Oil Range	U		1.06	15.4	3	06/18/2018 16:29	WG1124298
(S) o-Terphenyl	99.8			18.0-148		06/18/2018 16:29	WG1124298

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Collected date/time: 06/08/18 11:00

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	94.7		1	06/15/2018 13:47	WG1125137



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	44.2		0.840	10.6	1	06/14/2018 02:54	WG1123640



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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	<u>J</u>	0.0229	0.106	1	06/18/2018 02:13	WG1125972
(S) a,a,a-Trifluorotoluene(FID)	102			77.0-120		06/18/2018 02:13	WG1125972



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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		0.000423	0.00106	1	06/15/2018 04:44	WG1124618
Toluene	U		0.00132	0.00528	1	06/15/2018 04:44	WG1124618
Ethylbenzene	U		0.000560	0.00264	1	06/15/2018 04:44	WG1124618
Total Xylenes	U		0.00505	0.00687	1	06/15/2018 04:44	WG1124618
(S) Toluene-d8	112			80.0-120		06/15/2018 04:44	WG1124618
(S) Dibromofluoromethane	93.3			74.0-131		06/15/2018 04:44	WG1124618
(S) a,a,a-Trifluorotoluene	106			80.0-120		06/15/2018 04:44	WG1124618
(S) 4-Bromofluorobenzene	108			64.0-132		06/15/2018 04:44	WG1124618



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	34.9		1.70	4.23	1	06/18/2018 16:43	WG1124298
C28-C40 Oil Range	13.2		0.289	4.23	1	06/18/2018 16:43	WG1124298
(S) o-Terphenyl	65.8			18.0-148		06/18/2018 16:43	WG1124298

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Collected date/time: 06/08/18 11:05

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	95.5		1	06/15/2018 13:47	WG1125137



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	33.5		0.832	10.5	1	06/14/2018 03:23	WG1123640



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		0.0227	0.105	1	06/18/2018 02:35	WG1125972
(S) a,a,a-Trifluorotoluene(FID)	102			77.0-120		06/18/2018 02:35	WG1125972



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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		0.000419	0.00105	1	06/15/2018 05:04	WG1124618
Toluene	U		0.00131	0.00523	1	06/15/2018 05:04	WG1124618
Ethylbenzene	U		0.000555	0.00262	1	06/15/2018 05:04	WG1124618
Total Xylenes	U		0.00500	0.00681	1	06/15/2018 05:04	WG1124618
(S) Toluene-d8	113			80.0-120		06/15/2018 05:04	WG1124618
(S) Dibromofluoromethane	93.4			74.0-131		06/15/2018 05:04	WG1124618
(S) a,a,a-Trifluorotoluene	108			80.0-120		06/15/2018 05:04	WG1124618
(S) 4-Bromofluorobenzene	108			64.0-132		06/15/2018 05:04	WG1124618



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	3.25	<u>J</u>	1.69	4.19	1	06/18/2018 16:57	WG1124298
C28-C40 Oil Range	4.47		0.287	4.19	1	06/18/2018 16:57	WG1124298
(S) o-Terphenyl	90.9			18.0-148		06/18/2018 16:57	WG1124298

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Collected date/time: 06/08/18 11:10

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	80.3		1	06/15/2018 13:47	WG1125137



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	55.8		0.990	12.5	1	06/14/2018 03:32	WG1123640



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		0.0270	0.125	1	06/18/2018 02:56	WG1125972
(S) a,a,a-Trifluorotoluene(FID)	103			77.0-120		06/18/2018 02:56	WG1125972



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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		0.000498	0.00125	1	06/15/2018 05:24	WG1124618
Toluene	U		0.00156	0.00623	1	06/15/2018 05:24	WG1124618
Ethylbenzene	U		0.000660	0.00311	1	06/15/2018 05:24	WG1124618
Total Xylenes	U		0.00595	0.00810	1	06/15/2018 05:24	WG1124618
(S) Toluene-d8	106			80.0-120		06/15/2018 05:24	WG1124618
(S) Dibromofluoromethane	93.3			74.0-131		06/15/2018 05:24	WG1124618
(S) a,a,a-Trifluorotoluene	105			80.0-120		06/15/2018 05:24	WG1124618
(S) 4-Bromofluorobenzene	103			64.0-132		06/15/2018 05:24	WG1124618



Sc

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		2.01	4.98	1	06/18/2018 17:11	WG1124298
C28-C40 Oil Range	U		0.341	4.98	1	06/18/2018 17:11	WG1124298
(S) o-Terphenyl	49.6			18.0-148		06/18/2018 17:11	WG1124298

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Collected date/time: 06/08/18 11:15

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	95.5		1	06/15/2018 13:47	WG1125137



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	37.6		0.833	10.5	1	06/14/2018 03:42	WG1123640



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		0.0227	0.105	1	06/18/2018 03:18	WG1125972
(S) a,a,a-Trifluorotoluene(FID)	103			77.0-120		06/18/2018 03:18	WG1125972



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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		0.000419	0.00105	1	06/15/2018 05:44	WG1124618
Toluene	U		0.00131	0.00524	1	06/15/2018 05:44	WG1124618
Ethylbenzene	U		0.000555	0.00262	1	06/15/2018 05:44	WG1124618
Total Xylenes	U		0.00501	0.00681	1	06/15/2018 05:44	WG1124618
(S) Toluene-d8	111			80.0-120		06/15/2018 05:44	WG1124618
(S) Dibromofluoromethane	94.2			74.0-131		06/15/2018 05:44	WG1124618
(S) a,a,a-Trifluorotoluene	107			80.0-120		06/15/2018 05:44	WG1124618
(S) 4-Bromofluorobenzene	106			64.0-132		06/15/2018 05:44	WG1124618



Sc

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.69	4.19	1	06/18/2018 17:24	WG1124298
C28-C40 Oil Range	1.01	<u>J</u>	0.287	4.19	1	06/18/2018 17:24	WG1124298
(S) o-Terphenyl	76.1			18.0-148		06/18/2018 17:24	WG1124298

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

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	79.7		1	06/15/2018 13:47	WG1125137



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	52.0		0.997	12.5	1	06/14/2018 04:01	WG1123640



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		0.0272	0.125	1	06/18/2018 03:40	WG1125972
(S) a,a,a-Trifluorotoluene(FID)	103			77.0-120		06/18/2018 03:40	WG1125972



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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		0.000502	0.00125	1	06/15/2018 06:04	WG1124618	— I
Toluene	U		0.00157	0.00627	1	06/15/2018 06:04	WG1124618	
Ethylbenzene	U		0.000665	0.00314	1	06/15/2018 06:04	WG1124618	
Total Xylenes	U		0.00599	0.00815	1	06/15/2018 06:04	WG1124618	
(S) Toluene-d8	109			80.0-120		06/15/2018 06:04	WG1124618	
(S) Dibromofluoromethane	93.2			74.0-131		06/15/2018 06:04	WG1124618	
(S) a,a,a-Trifluorotoluene	108			80.0-120		06/15/2018 06:04	WG1124618	
(S) 4-Bromofluorobenzene	106			64.0-132		06/15/2018 06:04	WG1124618	



Sc

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		2.02	5.02	1	06/18/2018 17:36	WG1124298
C28-C40 Oil Range	1.30	<u>J</u>	0.344	5.02	1	06/18/2018 17:36	WG1124298
(S) o-Terphenyl	68.5			18.0-148		06/18/2018 17:36	WG1124298



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

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	92.2		1	06/15/2018 13:47	<u>WG1125137</u>

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	922		4.32	54.2	5	06/14/2018 04:10	WG1123640



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		0.0235	0.108	1	06/18/2018 04:01	WG1125972
(S) a,a,a-Trifluorotoluene(FID)	102			77.0-120		06/18/2018 04:01	WG1125972



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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		0.000434	0.00108	1	06/15/2018 06:24	WG1124618	
Toluene	U		0.00136	0.00542	1	06/15/2018 06:24	WG1124618	
Ethylbenzene	U		0.000575	0.00271	1	06/15/2018 06:24	WG1124618	
Total Xylenes	U		0.00519	0.00705	1	06/15/2018 06:24	WG1124618	
(S) Toluene-d8	111			80.0-120		06/15/2018 06:24	WG1124618	
(S) Dibromofluoromethane	94.8			74.0-131		06/15/2018 06:24	WG1124618	
(S) a,a,a-Trifluorotoluene	107			80.0-120		06/15/2018 06:24	WG1124618	
(S) 4-Bromofluorobenzene	109			64.0-132		06/15/2018 06:24	WG1124618	



Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.75	4.34	1	06/18/2018 17:49	WG1124298
C28-C40 Oil Range	0.730	<u>J</u>	0.297	4.34	1	06/18/2018 17:49	WG1124298
(S) o-Terphenyl	81.1			18.0-148		06/18/2018 17:49	WG1124298

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

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	80.7		1	06/15/2018 13:47	<u>WG1125137</u>



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	53.9		0.985	12.4	1	06/14/2018 04:20	WG1123640



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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	0.0343	<u>J</u>	0.0269	0.124	1	06/18/2018 04:23	WG1125972
(S) a,a,a-Trifluorotoluene(FID)	103			77.0-120		06/18/2018 04:23	WG1125972



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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	<u>J3</u>	0.000496	0.00124	1	06/15/2018 06:44	WG1124618	
Toluene	U	<u>J3</u>	0.00155	0.00620	1	06/15/2018 06:44	WG1124618	
Ethylbenzene	U	<u>J3</u>	0.000657	0.00310	1	06/15/2018 06:44	WG1124618	
Total Xylenes	U	<u>J3</u>	0.00592	0.00806	1	06/15/2018 06:44	WG1124618	
(S) Toluene-d8	108			80.0-120		06/15/2018 06:44	WG1124618	
(S) Dibromofluoromethane	93.6			74.0-131		06/15/2018 06:44	WG1124618	
(S) a,a,a-Trifluorotoluene	106			80.0-120		06/15/2018 06:44	WG1124618	
(S) 4-Bromofluorobenzene	107			64.0-132		06/15/2018 06:44	WG1124618	

Sc

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		2.00	4.96	1	06/18/2018 18:02	WG1124298
C28-C40 Oil Range	3.66	<u>J</u>	0.340	4.96	1	06/18/2018 18:02	WG1124298
(S) o-Terphenyl	72.7			18.0-148		06/18/2018 18:02	WG1124298

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

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	89.2		1	06/15/2018 14:39	WG1125139



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	43.4		0.891	11.2	1	06/13/2018 16:53	WG1123828



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		0.0243	0.112	1	06/18/2018 04:45	WG1125972
(S) a,a,a-Trifluorotoluene(FID)	103			77.0-120		06/18/2018 04:45	WG1125972



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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		0.000448	0.00112	1	06/15/2018 00:15	WG1124803
Toluene	U		0.00140	0.00560	1	06/15/2018 00:15	WG1124803
Ethylbenzene	U		0.000594	0.00280	1	06/15/2018 00:15	WG1124803
Total Xylenes	U		0.00536	0.00728	1	06/15/2018 00:15	WG1124803
(S) Toluene-d8	108			80.0-120		06/15/2018 00:15	WG1124803
(S) Dibromofluoromethane	87.9			74.0-131		06/15/2018 00:15	WG1124803
(S) a,a,a-Trifluorotoluene	103			80.0-120		06/15/2018 00:15	WG1124803
(S) 4-Bromofluorobenzene	108			64.0-132		06/15/2018 00:15	WG1124803



Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.80	4.48	1	06/18/2018 18:16	WG1124298
C28-C40 Oil Range	3.36	<u>J</u>	0.307	4.48	1	06/18/2018 18:16	WG1124298
(S) o-Terphenyl	97.8			18.0-148		06/18/2018 18:16	WG1124298

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Total Solids by Method 2540 G-2011

L1000945-01,02,03,04,05,06,07,08,09,10

Method Blank (MB)

(MB) R3318462-1 06	6/15/18 15:14			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.000			

Ss

L1000945-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1000945-01 06/15/18	3 15:14 • (DUP) F	R3318462-3	06/15/18 15:	14		
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	%	%		%		%

0.622

91.6





Laboratory Control Sample (LCS)

91.0

(LCS)	R3318462-2	06/15/18 15:14	

Total Solids





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Total Solids by Method 2540 G-2011

L1000945-11,12,13,14,15,16,17,18,19,20

Method Blank (MB)

(MB) R3318461-1 O	06/15/18 14:19			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.000			

²Tc

L1000945-11 Original Sample (OS) • Duplicate (DUP)

(OS) I 1000945-11	06/15/18 14:19 •	(DUP) R3318461-3	06/15/18 14·19
(00) =:0000 :0 ::	0 0/ 10/ 10 1 1110	(20.)	0 0, 10, 10 11110

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	88.9	88.1	1	0.886		5

^{*}Cn

⁶Qc

Laboratory Control Sample (LCS)

(LCS) R3318461-2 06/15/18 14:19

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





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Total Solids by Method 2540 G-2011

L1000945-21,22,23,24,25,26,27,28,29,30

Method Blank (MB)

(MB) R3318459-1 06/15/	18 13:59			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	%		%	%
otal Solids	0.00100			

L1000945-22 Original Sample (OS) • Duplicate (DUP)

(OS) L1000945-22	06/15/18 13:59 • (DI	UP) R3318459-3	06/15/18	13:59						
	Original Res	ult DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits				
Analyte	%	%		%		%				
Total Solids	91.1	91.1	1	0.0144		5				

Laboratory Control Sample (LCS)

(LCS) R3318459-2 06/15/18 13:59										
	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

L1000945-31,32,33,34,35,36,37,38,39,40

Method Blank (MB)

(MB) R3318457-1 06	5/15/18 13:47			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.00100			



L1000945-33 Original Sample (OS) • Duplicate (DUP)

(OS) L1000945-33 06/15/18 13:47 • (DUP) R3318457-3 06/15/18 13:47												
	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits						
Analyte	%	%		%		%						
Total Solids	77.9	77.7	1	0.205		5						





Laboratory Control Sample (LCS)

(LCS) R3318457-2	06/15/18 13:47
------------------	----------------

(LCS) R3318457-2 06/15/1	8 13:47 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

L1000945-41

Method Blank (MB)

(MB) R3318681-1 06/15/18 14:39										
		MB Result	MB Qualifier	MB MDL	MB RDL					
	Analyte	%		%	%					
	Total Solids	0.000								



3 Ss

L1000962-01 Original Sample (OS) • Duplicate (DUP)

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits	
Analyte	%	%		%		%	
Total Solids	79.4	80.3	1	1.07		5	



⁶Ос

Laboratory Control Sample (LCS)

(LCS) R3318681-2 06/15/18 14:39

(LC3) K3310001-2 00/13/10	Spike Amount	LCS Resul	t LCS Rec.	Rec. Limits
Analyte	%	%	%	%
Total Solids	50.0	50.0	100	85.0-115





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Wet Chemistry by Method 9056A

L1000945-01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17,18,19,20

Method Blank (MB)

(MB) R3318437-1 06/15/18 1				
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Chloride	U		0.795	10.0





L1000945-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1000945-04 06/15/18 20:03 • (DUP) R3318437-4 06/15/18 20:12											
	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits					
Analyte	mg/kg	mg/kg		%		%					
Chloride	45.8	49.0	1	6.78		15					





L1000945-14 Original Sample (OS) • Duplicate (DUP)

(OS) L1000945-14 06/15/18 22:54 • (DUP) R3318437-7 06/15/18 23:04

(00) 210000 10 11 00/10/11	Original Result (dry)		Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chloride	314	366	1	15.4	<u>J3</u>	15





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

(LCS) R3318437-2 06/15/18 18:53 • (LCSD) R3318437-3 06/15/18 19:02

(= 0 0)	Spike Amount		LCSD Result		LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%
Chloride	200	205	203	102	102	80.0-120			0.717	15

L1000945-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1000945-09 06/15/18 21:19 • (MS) R3318437-5 06/15/18 21:29 • (MSD) R3318437-6 06/15/18 21:38

	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	555	801	1270	1230	84.8	77.0	1	80.0-120	Ē	<u>E J6</u>	3.46	15

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Wet Chemistry by Method 9056A

L1000945-21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40

Method Blank (MB)

(MB) R3317812-1 06/13/18	22:59			
	MB Result	MB Qualifier	MB MDL	MB RDL
Amaluka	ma m /1 cm		ma m /1 cm	malle
Analyte	mg/kg		mg/kg	mg/kg







L1000945-24 Original Sample (OS) • Duplicate (DUP)

(OS) L1000945-24 0	6/14/18 00:31 • (DUF) R3317812-4	06/14/18 0	0:41		
	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chloride	33.5	33.7	1	0.669		15







(OS) I 10009/15-37 06/14/18 03:42 • (DLIP) P3317812-7 06/14/18 03:51

(O3) L1000945-37	00/14/16 03.42 • (DUF) K331/012-/	00/14/10 0	3.31			
	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits	
Analyte	mg/kg	mg/kg		%		%	
Chloride	37.6	37.7	1	0.114		15	







(LCS) R3317812-2	06/13/18 23:09 • (LC	CSD) R3317812-3	06/13/18 23:18

(,	Spike Amount	-	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%
Chloride	200	199	197	99.4	98.5	80.0-120			0.844	15

L1000945-29 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1000945-29 06/14/18 01:47 • (MS) R3317812-5 06/14/18 01:57 • (MSD) R3317812-6 06/14/18 02:06

(03) 11000343-23 00/14	710 01.47 (1015)	113317012-3 00	// 1 -/ / 10 01.5/ • (1	VIDD) 13317012	0 00/1-/10 02	2.00						
	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
Chloride	544	70.7	635	615	104	100	1	80.0-120			3.31	15

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Wet Chemistry by Method 9056A

L1000945-41

Method Blank (MB)

(N	MB) R3317701-1 06/13/18	14:56			
		MB Result	MB Qualifier	MB MDL	MB RDL
A	nalyte	mg/kg		mg/kg	mg/kg
С	hloride	U		0.795	10.0





L1000945-41 Original Sample (OS) • Duplicate (DUP)

(OS) L1000945-41 06/13/1	DS) L1000945-41 06/13/18 16:53 • (DUP) R3317701-4 06/13/18 17:02											
	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits						
Analyte	mg/kg	mg/kg		%		%						
Chloride	43.4	43.0	1	1.01		15						



[†]Cn



L1001177-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1001177-02 06/13/18 2	20:32 • (DUP) F	R3317701-5 C	06/13/18 20:	:41		
	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chloride	2730	2990	5	9.10		15





(LCS) R3317701-2 06/13/18	3 15:06 • (LCSD)) R3317701-3 (06/13/18 15:15							
	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	202	202	101	101	80.0-120			0.0585	15

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Volatile Organic Compounds (GC) by Method 8015D/GRO L1000945-01,02,03,04,05,08,09,10,11,12,13,14,16,17,19,20

Method Blank (MB)

(MB) R3319024-3 06/13/18 14:14 MB RDL MB Result MB Qualifier MB MDL 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







[†]Cn

(LCS) R3319024-1 06/13/	18 12:00 • (LCSD) R3319024-2	06/13/18 12:37								
	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	5.63	5.80	102	105	70.0-136			2.99	20	
(S) a,a,a-Trifluorotoluene(FID)				100	98.8	77.0-120					













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

L1000945-21,22,23,24,25,26,27,28,29,30,31

Method Blank (MB)

(MB) R3318646-3 06/18/1	8 00:41			
	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)	101			77.0-120

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

(LCS) R3318646-1 06/17/18	3 23:38 • (LCSD) R3318646-2	06/17/18 23:59)						
	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	6.08	6.05	111	110	70.0-136			0.565	20
(S) a,a,a-Trifluorotoluene(FID)				94.9	94.2	77.0-120				







L1001877-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1001877-03 06/18/18 02:27 •	(MS) R3318646-4	06/18/18 08:03 • (MSD) R3318646-5	06/18/18 08:24

(O3) LIOUIS/7-O3 O6/16/1	, ,		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	%	%		%			%	%
TPH (GC/FID) Low Fraction	6.30	985	2280	2330	41.1	42.7	500	10.0-147			2.28	30
(S) a.a.a-Trifluorotoluene(FID)					95.7	93.8		77.0-120				





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L1000945-32,33,34,35,36,37,38,39,40,41 Volatile Organic Compounds (GC) by Method 8015D/GRO

Method Blank (MB)

(MB) R3318792-3 06/18/1	8 00:03			
	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) R3318792-1 06/17/18	3 22:58 • (LCSD) R3318792-2	06/17/18 23:20)						
	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	5.77	5.55	105	101	70.0-136			3.81	20
(S) a,a,a-Trifluorotoluene(FID)				104	104	77.0-120				







L1000908-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1000908-12 06/18/18 07:38 • (MS) R3318792-4 06/18/18 08:00 • (MSD) R3318792-5 06/18/18 08:22

	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	5.85	443	1060	1020	52.9	49.4	200	10.0-147			3.94	30	
(S) a a a-Trifluorotoluene(FID)					101	100		77.0-120					





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

L1000945-06,07,15,18

Method Blank (MB)

(MB) R3319119-3 06/19/18	3 11:08			
	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)	102			77.0-120







(LCS) R3319119-1 06/19/18	09:56 • (LCSD)	R3319119-2 0	6/19/18 10:20							
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%
TPH (GC/FID) Low Fraction	5.50	4.83	4.46	87.8	81.2	70.0-136			7.85	20
(S) a,a,a-Trifluorotoluene(FID)				107	106	77.0-120				













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

 $\underline{\mathsf{L}1000945\text{-}01,02,03,04,05,06,08,10,11,12,13,14,15,16,17,18,19,20}$

Method Blank (MB)

(MB) R3318968-3 06/13/18	10:45			
	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	111			80.0-120
(S) Dibromofluoromethane	103			74.0-131
(S) a,a,a-Trifluorotoluene	103			80.0-120
(S) 4-Bromofluorobenzene	100			64.0-132











(LCS) R3318968-1 06/13/18	3 09:06 • (LCSE) R3318968-2	06/13/18 09:31							
	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	0.113	0.113	90.1	90.5	71.0-124			0.485	20
Ethylbenzene	0.125	0.117	0.119	93.4	95.2	77.0-120			1.90	20
Toluene	0.125	0.113	0.115	90.7	92.1	70.0-120			1.59	20
Xylenes, Total	0.375	0.342	0.348	91.2	92.8	77.0-120			1.74	20
(S) Toluene-d8				107	108	80.0-120				
(S) Dibromofluoromethane				107	105	74.0-131				
(S) a,a,a-Trifluorotoluene				103	103	80.0-120				
(S) 4-Bromofluorobenzene				102	102	64.0-132				











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

L1000945-21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40

Method Blank (MB)

(MB) R3318811-3 06/14/18	23:52			
	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	94.3			74.0-131
(S) a,a,a-Trifluorotoluene	108			80.0-120
(S) 4-Bromofluorobenzene	105			64.0-132

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

(LCS) R3318811-1 06/14/18	22:20 • (LCSD)	D3318811-2 (16/14/18 22·40								— 7
(200) 100100111 00/14/10	Spike Amount		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	0.109	0.108	87.2	86.5	71.0-124			0.851	20	
Ethylbenzene	0.125	0.115	0.116	91.9	93.1	77.0-120			1.27	20	
Toluene	0.125	0.122	0.126	97.6	101	70.0-120			2.97	20	
Xylenes, Total	0.375	0.333	0.330	88.8	88.0	77.0-120			0.905	20	L
(S) Toluene-d8				105	107	80.0-120					
(S) Dibromofluoromethane				104	105	74.0-131					
(S) a,a,a-Trifluorotoluene				106	105	80.0-120					
(S) 4-Bromofluorobenzene				101	99.1	64.0-132					

L1000945-40 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1000945-40 06/15/18 06:44 • (MS) R3318811-4 06/15/18 07:04 • (MSD) R3318811-5 06/15/18 07:24

	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	0.155	U	0.104	0.0414	67.2	26.7	1	13.0-146		<u>J3</u>	86.2	27
Ethylbenzene	0.155	U	0.115	0.0388	74.3	25.0	1	10.0-147		<u>J3</u>	99.1	31
Toluene	0.155	U	0.129	0.0498	83.2	32.1	1	10.0-144		<u>J3</u>	88.5	28
Xylenes, Total	0.465	U	0.329	0.132	70.8	28.4	1	10.0-150		<u>J3</u>	85.5	31
(S) Toluene-d8					111	107		80.0-120				
(S) Dibromofluoromethane					95.8	96.3		74.0-131				
(S) a,a,a-Trifluorotoluene					108	105		80.0-120				
(S) 4-Bromofluorobenzene					108	105		64.0-132				















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

L1000945-41

Method Blank (MB)

(MB) R3318168-3 06/14/18 2	20:45			
	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	112			80.0-120
(S) Dibromofluoromethane	84.8			74.0-131
(S) a,a,a-Trifluorotoluene	102			80.0-120
(S) 4-Bromofluorobenzene	107			64.0-132

(LCS) R3318168-1 06/14/18	3 19:17 • (LCSD)	R3318168-2 0	6/14/18 19:35								ľ
	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	0.102	0.0922	81.3	73.8	71.0-124			9.75	20	
Ethylbenzene	0.125	0.107	0.0988	85.4	79.0	77.0-120			7.79	20	6
Toluene	0.125	0.111	0.104	88.8	83.2	70.0-120			6.47	20	
Xylenes, Total	0.375	0.320	0.299	85.3	79.8	77.0-120			6.68	20	L
(S) Toluene-d8				108	108	80.0-120					
(S) Dibromofluoromethane				94.7	85.9	74.0-131					
(S) a,a,a-Trifluorotoluene				104	104	80.0-120					
(S) 4-Bromofluorobenzene				105	105	64.0-132					















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

L1000945-06,07,09

Method Blank (MB)

10:14			
MB Result	MB Qualifier	MB MDL	MB RDL
mg/kg		mg/kg	mg/kg
U		0.000400	0.00100
U		0.000530	0.00250
U		0.00125	0.00500
U		0.00478	0.00650
111			80.0-120
94.5			74.0-131
110			80.0-120
	MB Result mg/kg U U U U U 94.5	MB Result MB Qualifier mg/kg U U U U U 1111 94.5	MB Result mg/kg MB Qualifier mg/kg MB MDL mg/kg U 0.000400 0.000530 U 0.00125 0.00478 UIII 94.5

⁵Sr

(LCS) R3319033-1 06/19	9/18 08:53 • (LCSE) R3319033-2	06/19/18 09:13	3							_
	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	0.110	0.109	87.8	86.9	71.0-124			1.04	20	_
Ethylbenzene	0.125	0.113	0.108	90.4	86.4	77.0-120			4.49	20	
Toluene	0.125	0.128	0.123	102	98.2	70.0-120			4.09	20	
Xylenes, Total	0.375	0.330	0.321	88.0	85.6	77.0-120			2.76	20	l
(S) Toluene-d8				110	108	80.0-120					
(S) Dibromofluoromethane	е			104	105	74.0-131					
(S) a,a,a-Trifluorotoluene				104	103	80.0-120					
(S) 4-Bromofluorobenzene	غ غ			101	99.4	64.0-132					

















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Semi-Volatile Organic Compounds (GC) by Method 8015

L1000945-01,02,03,04

Method Blank (MB)

(MB) R3318492-1 06/16/	/18 11:55			
	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	80.9			18.0-148



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

(LCS) R3318492-2 06/16/18	3 12:09 • (LCSD) R3318492-3	06/16/18 12:22							
	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	33.7	31.7	67.3	63.4	50.0-150			6.05	20
(S) o-Terphenyl				88 4	76.9	18 0-148				







L1000945-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) I 1000945-01 06/16/18 13:16 • (MS) R3318492-4 06/16/18 13:30 • (MSD) R3318492-5 06/16/18 13:45

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
C10-C28 Diesel Range	54.9	U	33.7	38.9	61.3	70.7	1	50.0-150			14.3	20
(S) o-Terphenyl					67.3	98.1		18.0-148				





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Semi-Volatile Organic Compounds (GC) by Method 8015

L1000945-05,06,07,08,09,10,11,12,13,14,15,16,17,18,19,20,21,22,23

Method Blank (MB)

(MB) R3318715-1 06/16/1	18 18:57			
	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	70.3			18.0-148



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

(LCS) R3318715-2 06/16/18 19:11 • (LCSD) R3318715-3 06/16/18 19:24													
	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	36.6	34.2	73.2	68.5	50.0-150			6.77	20			
(S) o-Terphenyl				72.4	72.6	18.0-148							







L1000945-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) I 1000945-21 06/16/18 23:01 • (MS) R3318715-4 06/16/18 23:14 • (MSD) R3318715-5 06/16/18 23:28

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
C10-C28 Diesel Range	54.8	11.4	53.4	52.6	76.5	75.0	1	50.0-150			1.54	20
(S) o-Terphenyl					64.8	64.9		18.0-148				







ConocoPhillips - Tetra Tech

Reserved by 105 19:30/19/2021 12:19:22 PM

QUALITY CONTROL SUMMARY

ONE LAB. NA Page 130 of 376

Semi-Volatile Organic Compounds (GC) by Method 8015

L1000945-24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41

Method Blank (MB)

(MB) R3318843-1 06/18/	/18 13:19			
	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	108			18.0-148

Ср





⁴Cn

(LCS) R3318843-2 06/18	(LCS) R3318843-2 06/18/18 13:32 • (LCSD) R3318843-3 06/18/18 13:45												
	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	41.2	34.2	82.4	68.4	50.0-150			18.5	20			
(S) o-Terphenyl				139	118	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

Appreviations 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.
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
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	'
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.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
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.
J7	Surrogate recovery cannot be used for control limit evaluation due to dilution.





















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.

* 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 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.

















ecewed by OCD: 10/19/2021	12:19:22 PI	M	Billing Info	ormation:		1			A	nalysis / Cor	tainer / f	Preservation	ė		Chain of Custody	Page 13
Tetra Tech 4000 N Big Spring St. Ste. 401 Midland, TX 79705	P												LAB S	SC		
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WYW -5	-		_		15:00		×	×	×						27
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AH-1 (7-3)	-		_		10:05	K	-	X						34 38
AH-1 (3-4)	_		-		10:10	X	K	K						39
WSW-9	_		-		11:00	x	K	X						37
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CEIVER BY OCD: 10/19/2021	IM-IZ-MM I		Billing Info	rmation					A	na 1/0	ntainer / I	r at	YE		Chain of Custod	Page 15
Tetra Tech 4000 N Big Spring St. Ste. 401 Midland, TX 79705						P es Chik									LAD S	ESC
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ANALYTICAL REPORT June 19, 2018



ConocoPhillips - Tetra Tech

Sample Delivery Group: L1002307 Samples Received: 06/16/2018

Project Number: 212C-MD-01242

Battle Axe 27 Fed COM 2H Description:

BATTLE AXE 27 Site:

Report To: Kayla Taylor

4001 N. Big Spring St., Ste. 401

Midland, TX 79705

Entire Report Reviewed By:

Chris McCord

Cp: Cover Page	1
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Sc: Sample Chain of Custody

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NSW-8 L1002307-01 Solid			Collected by Clint Merritt	Collected date/time 06/11/18 10:00	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	WG1126213	1	06/18/18 14:26	06/18/18 14:37	KDW
Wet Chemistry by Method 9056A	WG1125817	1	06/18/18 11:31	06/18/18 20:04	DR
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1126284	1	06/18/18 13:26	06/18/18 22:32	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126091	1	06/18/18 13:26	06/18/18 16:29	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1126173	1	06/18/18 13:56	06/18/18 21:00	MTJ
SSW-8 L1002307-02 Solid			Collected by Clint Merritt	Collected date/time 06/11/18 10:05	Received date/time 06/16/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
T 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1110440.0040		date/time	date/time	VDW
Total Solids by Method 2540 G-2011	WG1126213	1	06/18/18 14:26	06/18/18 14:37	KDW
Wet Chemistry by Method 9056A	WG1125817	1	06/18/18 11:31	06/18/18 20:13	DR
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1126284	1	06/18/18 13:26	06/18/18 22:54	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126091	1	06/18/18 13:26	06/18/18 16:48	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1126173	1	06/18/18 13:56	06/18/18 20:18	MTJ
			Collected by	Collected date/time	Received date/time
AH-8 (3-4) L1002307-03 Solid			Clint Merritt	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	WG1126213	1	06/18/18 14:26	06/18/18 14:37	KDW
Wet Chemistry by Method 9056A	WG1125817	1	06/18/18 11:31	06/18/18 20:23	DR
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1126433	25	06/18/18 13:26	06/19/18 13:49	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126091	1	06/18/18 13:26	06/18/18 17:07	DWR
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126427	8	06/18/18 13:26	06/19/18 11:36	JHH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1126173	10	06/18/18 13:56	06/18/18 23:04	MTJ
			Collected by	Collected date/time	Received date/time
AH-8 (4-5) L1002307-04 Solid			Clint Merritt	06/11/18 15:15	06/16/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1126213	1	06/18/18 14:26	06/18/18 14:37	KDW
Wet Chemistry by Method 9056A	WG1125817	1	06/18/18 11:31	06/18/18 20:32	DR
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1126433	1	06/18/18 13:26	06/19/18 13:25	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126091	1	06/18/18 13:26	06/18/18 17:25	DWR
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126427	1	06/18/18 13:26	06/19/18 11:15	JHH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1126173	1	06/18/18 13:56	06/18/18 21:28	MTJ
			Collected by	Collected date/time	Received date/time
AH-8 (5-6) L1002307-05 Solid			Clint Merritt	06/11/18 15:30	06/16/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1126213	1			KDW
•					
	WG1126173	1	06/18/18 13:56	06/18/18 21:41	MTJ
Total Solids by Method 2540 G-2011 Wet Chemistry by Method 9056A Volatile Organic Compounds (GC) by Method 8015D/GRO Volatile Organic Compounds (GC/MS) by Method 8260B Semi-Volatile Organic Compounds (GC) by Method 8015	WG1126213 WG1125817 WG1126284 WG1126091 WG1126173	1 1 1 1	06/18/18 14:26 06/18/18 11:31 06/18/18 13:26 06/18/18 13:26 06/18/18 13:56	06/18/18 14:37 06/18/18 20:42 06/19/18 00:01 06/18/18 18:03 06/18/18 21:41	KDW DR LRL DWR MTJ





















WSW-7 L1002307-06 Solid			Collected by Clint Merritt	Collected date/time 06/11/18 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	WG1126213	1	06/18/18 14:26	06/18/18 14:37	KDW
Wet Chemistry by Method 9056A	WG1125817	1	06/18/18 11:31	06/18/18 20:51	DR
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1126284	1	06/18/18 13:26	06/19/18 00:23	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126091	1	06/18/18 13:26	06/18/18 18:22	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1126173	1	06/18/18 13:56	06/18/18 21:55	MTJ
SSW-7 L1002307-07 Solid			Collected by Clint Merritt	Collected date/time 06/11/18 13:25	Received date/time 06/16/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1126213	1	06/18/18 14:26	06/18/18 14:37	KDW
Wet Chemistry by Method 9056A	WG1125817	1	06/18/18 11:31	06/18/18 21:20	DR
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1126284	1	06/18/18 13:26	06/19/18 00:46	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126091	1	06/18/18 13:26	06/18/18 18:40	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1126173	1	06/18/18 13:56	06/18/18 22:09	MTJ
			Collected by	Collected date/time	Received date/time
AH-7 (3-4) L1002307-08 Solid			Clint Merritt	06/11/18 14:00	06/16/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1126213	1	06/18/18 14:26	06/18/18 14:37	KDW
Wet Chemistry by Method 9056A	WG1125817	1	06/18/18 11:31	06/18/18 21:39	DR
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1126284	1	06/18/18 13:26	06/19/18 01:08	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126091	1	06/18/18 13:26	06/18/18 18:59	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1126173	1	06/18/18 13:56	06/18/18 22:23	MTJ
			Collected by	Collected date/time	Received date/time
AH-7 (4-5) L1002307-09 Solid			Clint Merritt	06/11/18 14:05	06/16/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1126213	1	06/18/18 14:26	06/18/18 14:37	KDW
Wet Chemistry by Method 9056A	WG1125817	1	06/18/18 11:31	06/18/18 21:48	DR
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1126284	1	06/18/18 13:26	06/19/18 01:30	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126086	1	06/18/18 13:26	06/18/18 18:21	JHH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1126173	1	06/18/18 13:56	06/18/18 22:37	MTJ
			Collected by	Collected date/time	Received date/time
ESW-8 L1002307-10 Solid			Clint Merritt	06/12/18 13:00	06/16/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1126213	1	06/18/18 14:26	06/18/18 14:37	KDW
Wet Chemistry by Method 9056A	WG1125817	1	06/18/18 11:31	06/18/18 21:58	DR
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1126284	1	06/18/18 13:26	06/19/18 01:52	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1126086	1	06/18/18 13:26	06/18/18 18:41	JHH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1126173	1	06/18/18 13:56	06/18/18 22:50	MTJ



















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.

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Chris McCord
Technical Service Representative

¹Cp

















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Collected date/time: 06/11/18 10:00

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	82.0		1	06/18/2018 14:37	WG1126213



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	54.8		0.970	12.2	1	06/18/2018 20:04	WG1125817



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		0.0265	0.122	1	06/18/2018 22:32	WG1126284
(S) a,a,a-Trifluorotoluene(FID)	94.3			77.0-120		06/18/2018 22:32	WG1126284



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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		0.000488	0.00122	1	06/18/2018 16:29	WG1126091
Toluene	U		0.00153	0.00610	1	06/18/2018 16:29	WG1126091
Ethylbenzene	U		0.000647	0.00305	1	06/18/2018 16:29	WG1126091
Total Xylenes	U		0.00583	0.00793	1	06/18/2018 16:29	WG1126091
(S) Toluene-d8	108			80.0-120		06/18/2018 16:29	WG1126091
(S) Dibromofluoromethane	89.8			74.0-131		06/18/2018 16:29	WG1126091
(S) a,a,a-Trifluorotoluene	107			80.0-120		06/18/2018 16:29	WG1126091
(S) 4-Bromofluorobenzene	103			64 0-132		06/18/2018 16:29	WG1126091



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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	U		1.96	4.88	1	06/18/2018 21:00	WG1126173
C28-C40 Oil Range	0.983	<u>J</u>	0.334	4.88	1	06/18/2018 21:00	WG1126173
(S) o-Terphenyl	41.0			18.0-148		06/18/2018 21:00	WG1126173



Collected date/time: 06/11/18 10:05

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	92.7		1	06/18/2018 14:37	WG1126213



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	45.9		0.858	10.8	1	06/18/2018 20:13	WG1125817



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	06/18/2018 22:54	WG1126284
(S) a,a,a-Trifluorotoluene(FID)	94.1			77.0-120		06/18/2018 22:54	WG1126284



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		0.000432	0.00108	1	06/18/2018 16:48	WG1126091
Toluene	U		0.00135	0.00540	1	06/18/2018 16:48	WG1126091
Ethylbenzene	U		0.000572	0.00270	1	06/18/2018 16:48	WG1126091
Total Xylenes	U		0.00516	0.00701	1	06/18/2018 16:48	WG1126091
(S) Toluene-d8	105			80.0-120		06/18/2018 16:48	WG1126091
(S) Dibromofluoromethane	95.4			74.0-131		06/18/2018 16:48	WG1126091
(S) a,a,a-Trifluorotoluene	106			80.0-120		06/18/2018 16:48	WG1126091
(S) 4-Bromofluorobenzene	97.5			64.0-132		06/18/2018 16:48	WG1126091



Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.74	4.32	1	06/18/2018 20:18	WG1126173
C28-C40 Oil Range	1.33	<u>J</u>	0.296	4.32	1	06/18/2018 20:18	WG1126173
(S) o-Terphenyl	73.7			18.0-148		06/18/2018 20:18	WG1126173













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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	92.1		1	06/18/2018 14:37	WG1126213



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	52.9		0.863	10.9	1	06/18/2018 20:23	WG1125817



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	253		0.589	2.72	25	06/19/2018 13:49	WG1126433
(S) a,a,a-Trifluorotoluene(FID)	101			77.0-120		06/19/2018 13:49	WG1126433



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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		0.000434	0.00109	1	06/18/2018 17:07	WG1126091
Toluene	0.132		0.00136	0.00543	1	06/18/2018 17:07	WG1126091
Ethylbenzene	0.360		0.000576	0.00272	1	06/18/2018 17:07	WG1126091
Total Xylenes	9.30		0.0415	0.0565	8	06/19/2018 11:36	WG1126427
(S) Toluene-d8	124	<u>J1</u>		80.0-120		06/18/2018 17:07	WG1126091
(S) Toluene-d8	120			80.0-120		06/19/2018 11:36	WG1126427
(S) Dibromofluoromethane	92.2			74.0-131		06/18/2018 17:07	WG1126091
(S) Dibromofluoromethane	108			74.0-131		06/19/2018 11:36	WG1126427
(S) a,a,a-Trifluorotoluene	104			80.0-120		06/18/2018 17:07	WG1126091
(S) a,a,a-Trifluorotoluene	103			80.0-120		06/19/2018 11:36	WG1126427
(S) 4-Bromofluorobenzene	158	<u>J1</u>		64.0-132		06/18/2018 17:07	WG1126091
(S) 4-Bromofluorobenzene	102			64.0-132		06/19/2018 11:36	WG1126427

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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	910		17.5	43.4	10	06/18/2018 23:04	WG1126173
C28-C40 Oil Range	187		2.98	43.4	10	06/18/2018 23:04	WG1126173
(S) o-Terphenyl	165	<u>J1</u>		18.0-148		06/18/2018 23:04	WG1126173

DATE/TIME:

06/19/18 17:08

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

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	90.2		1	06/18/2018 14:37	WG1126213



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	47.2		0.881	11.1	1	06/18/2018 20:32	WG1125817



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	0.588		0.0241	0.111	1	06/19/2018 13:25	WG1126433
(S) a,a,a-Trifluorotoluene(FID)	99.3			77.0-120		06/19/2018 13:25	<u>WG1126433</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		0.000443	0.00111	1	06/18/2018 17:25	WG1126091
Toluene	U		0.00139	0.00554	1	06/18/2018 17:25	WG1126091
Ethylbenzene	0.000951	<u>J</u>	0.000587	0.00277	1	06/18/2018 17:25	WG1126091
Total Xylenes	U		0.00530	0.00720	1	06/19/2018 11:15	WG1126427
(S) Toluene-d8	108			80.0-120		06/18/2018 17:25	WG1126091
(S) Toluene-d8	117			80.0-120		06/19/2018 11:15	WG1126427
(S) Dibromofluoromethane	94.2			74.0-131		06/18/2018 17:25	WG1126091
(S) Dibromofluoromethane	112			74.0-131		06/19/2018 11:15	WG1126427
(S) a,a,a-Trifluorotoluene	105			80.0-120		06/18/2018 17:25	WG1126091
(S) a,a,a-Trifluorotoluene	100			80.0-120		06/19/2018 11:15	WG1126427
(S) 4-Bromofluorobenzene	102			64.0-132		06/18/2018 17:25	WG1126091
(S) 4-Bromofluorobenzene	100			64.0-132		06/19/2018 11:15	WG1126427

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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	127		1.78	4.43	1	06/18/2018 21:28	WG1126173
C28-C40 Oil Range	32.6		0.304	4.43	1	06/18/2018 21:28	WG1126173
(S) o-Terphenyl	68.0			18.0-148		06/18/2018 21:28	WG1126173

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Collected date/time: 06/11/18 15:30

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	90.2		1	06/18/2018 14:37	WG1126213



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	53.5		0.882	11.1	1	06/18/2018 20:42	WG1125817



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	0.377		0.0241	0.111	1	06/19/2018 00:01	WG1126284
(S) a,a,a-Trifluorotoluene(FID)	95.2			77.0-120		06/19/2018 00:01	WG1126284



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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		0.000444	0.00111	1	06/18/2018 18:03	WG1126091
Toluene	U		0.00139	0.00554	1	06/18/2018 18:03	WG1126091
Ethylbenzene	0.000703	<u>J</u>	0.000588	0.00277	1	06/18/2018 18:03	WG1126091
Total Xylenes	0.00890		0.00530	0.00721	1	06/18/2018 18:03	WG1126091
(S) Toluene-d8	107			80.0-120		06/18/2018 18:03	WG1126091
(S) Dibromofluoromethane	92.5			74.0-131		06/18/2018 18:03	WG1126091
(S) a,a,a-Trifluorotoluene	105			80.0-120		06/18/2018 18:03	WG1126091
(S) 4-Bromofluorobenzene	103			64.0-132		06/18/2018 18:03	WG1126091



Sc

Gl

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	238		1.79	4.44	1	06/18/2018 21:41	WG1126173
C28-C40 Oil Range	53.1		0.304	4.44	1	06/18/2018 21:41	WG1126173
(S) o-Terphenyl	80.5			18.0-148		06/18/2018 21:41	WG1126173

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Collected date/time: 06/11/18 13:20

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	93.8		1	06/18/2018 14:37	WG1126213



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	63.9		0.847	10.7	1	06/18/2018 20:51	WG1125817



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		0.0231	0.107	1	06/19/2018 00:23	WG1126284
(S) a,a,a-Trifluorotoluene(FID)	94.4			77.0-120		06/19/2018 00:23	WG1126284



СQс

Gl

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000426	0.00107	1	06/18/2018 18:22	WG1126091
Toluene	U		0.00133	0.00533	1	06/18/2018 18:22	WG1126091
Ethylbenzene	0.000650	<u>J</u>	0.000565	0.00266	1	06/18/2018 18:22	WG1126091
Total Xylenes	U		0.00509	0.00693	1	06/18/2018 18:22	WG1126091
(S) Toluene-d8	108			80.0-120		06/18/2018 18:22	WG1126091
(S) Dibromofluoromethane	91.7			74.0-131		06/18/2018 18:22	WG1126091
(S) a,a,a-Trifluorotoluene	104			80.0-120		06/18/2018 18:22	WG1126091
(S) 4-Bromofluorobenzene	97.6			64.0-132		06/18/2018 18:22	WG1126091



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.72	4.26	1	06/18/2018 21:55	WG1126173
C28-C40 Oil Range	2.31	<u>J</u>	0.292	4.26	1	06/18/2018 21:55	WG1126173
(S) o-Terphenyl	68.9			18.0-148		06/18/2018 21:55	WG1126173

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

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	93.1		1	06/18/2018 14:37	WG1126213



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	47.6		0.854	10.7	1	06/18/2018 21:20	WG1125817



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		0.0233	0.107	1	06/19/2018 00:46	WG1126284
(S) a,a,a-Trifluorotoluene(FID)	94.5			77.0-120		06/19/2018 00:46	WG1126284



СQс

Gl

Cn

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		0.000429	0.00107	1	06/18/2018 18:40	WG1126091
Toluene	0.00136	<u>J</u>	0.00134	0.00537	1	06/18/2018 18:40	WG1126091
Ethylbenzene	U		0.000569	0.00268	1	06/18/2018 18:40	WG1126091
Total Xylenes	U		0.00513	0.00698	1	06/18/2018 18:40	WG1126091
(S) Toluene-d8	109			80.0-120		06/18/2018 18:40	WG1126091
(S) Dibromofluoromethane	92.9			74.0-131		06/18/2018 18:40	WG1126091
(S) a,a,a-Trifluorotoluene	105			80.0-120		06/18/2018 18:40	WG1126091
(S) 4-Bromofluorobenzene	101			64.0-132		06/18/2018 18:40	WG1126091



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.73	4.29	1	06/18/2018 22:09	WG1126173
C28-C40 Oil Range	1.77	<u>J</u>	0.294	4.29	1	06/18/2018 22:09	WG1126173
(S) o-Terphenyl	71.5			18.0-148		06/18/2018 22:09	WG1126173

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

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	92.5		1	06/18/2018 14:37	<u>WG1126213</u>



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	47.6		0.859	10.8	1	06/18/2018 21:39	WG1125817



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		0.0235	0.108	1	06/19/2018 01:08	WG1126284
(S) a,a,a-Trifluorotoluene(FID)	94.3			77.0-120		06/19/2018 01:08	WG1126284



СQс

Gl

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000432	0.00108	1	06/18/2018 18:59	WG1126091
Toluene	U		0.00135	0.00540	1	06/18/2018 18:59	WG1126091
Ethylbenzene	U		0.000573	0.00270	1	06/18/2018 18:59	WG1126091
Total Xylenes	U		0.00517	0.00703	1	06/18/2018 18:59	WG1126091
(S) Toluene-d8	107			80.0-120		06/18/2018 18:59	WG1126091
(S) Dibromofluoromethane	94.0			74.0-131		06/18/2018 18:59	WG1126091
(S) a,a,a-Trifluorotoluene	103			80.0-120		06/18/2018 18:59	WG1126091
(S) 4-Bromofluorobenzene	102			64.0-132		06/18/2018 18:59	WG1126091



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.74	4.32	1	06/18/2018 22:23	WG1126173
C28-C40 Oil Range	1.24	<u>J</u>	0.296	4.32	1	06/18/2018 22:23	WG1126173
(S) o-Terphenyl	65.0			18.0-148		06/18/2018 22:23	WG1126173

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Collected date/time: 06/11/18 14:05

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	91.2		1	06/18/2018 14:37	WG1126213



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	49.9		0.871	11.0	1	06/18/2018 21:48	WG1125817



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		0.0238	0.110	1	06/19/2018 01:30	WG1126284
(S) a,a,a-Trifluorotoluene(FID)	94.7			77.0-120		06/19/2018 01:30	WG1126284



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		0.000438	0.00110	1	06/18/2018 18:21	WG1126086
Toluene	U		0.00137	0.00548	1	06/18/2018 18:21	WG1126086
Ethylbenzene	U		0.000581	0.00274	1	06/18/2018 18:21	WG1126086
Total Xylenes	U		0.00524	0.00713	1	06/18/2018 18:21	WG1126086
(S) Toluene-d8	125	<u>J1</u>		80.0-120		06/18/2018 18:21	WG1126086
(S) Dibromofluoromethane	90.8			74.0-131		06/18/2018 18:21	WG1126086
(S) a,a,a-Trifluorotoluene	99.5			80.0-120		06/18/2018 18:21	WG1126086
(S) 4-Bromofluorobenzene	104			64.0-132		06/18/2018 18:21	WG1126086



Sc

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.76	4.38	1	06/18/2018 22:37	WG1126173
C28-C40 Oil Range	1.55	<u>J</u>	0.300	4.38	1	06/18/2018 22:37	WG1126173
(S) o-Terphenyl	89.8			18.0-148		06/18/2018 22:37	WG1126173

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Collected date/time: 06/12/18 13:00

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	95.2		1	06/18/2018 14:37	WG1126213



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	59.5		0.835	10.5	1	06/18/2018 21:58	WG1125817



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		0.0228	0.105	1	06/19/2018 01:52	WG1126284
(S) a,a,a-Trifluorotoluene(FID)	94.5			77.0-120		06/19/2018 01:52	WG1126284



СQс

Gl

Cn

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		0.000420	0.00105	1	06/18/2018 18:41	WG1126086
Toluene	U		0.00131	0.00525	1	06/18/2018 18:41	WG1126086
Ethylbenzene	U		0.000557	0.00263	1	06/18/2018 18:41	WG1126086
Total Xylenes	U		0.00502	0.00683	1	06/18/2018 18:41	WG1126086
(S) Toluene-d8	119			80.0-120		06/18/2018 18:41	WG1126086
(S) Dibromofluoromethane	103			74.0-131		06/18/2018 18:41	WG1126086
(S) a,a,a-Trifluorotoluene	96.0			80.0-120		06/18/2018 18:41	WG1126086
(S) 4-Bromofluorobenzene	102			64.0-132		06/18/2018 18:41	WG1126086



Sc

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	82.8		1.69	4.20	1	06/18/2018 22:50	WG1126173
C28-C40 Oil Range	40.5		0.288	4.20	1	06/18/2018 22:50	WG1126173
(S) o-Terphenyl	65.0			18.0-148		06/18/2018 22:50	WG1126173

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Total Solids by Method 2540 G-2011

L1002307-01,02,03,04,05,06,07,08,09,10

Method Blank (MB)

(MB	B) R3318905-1 06/	/18/18 14:37			
		MB Result	MB Qualifier	MB MDL	MB RDL
Anal	lyte	%		%	%
Total	l Solids	0.00100			

Ss

L1002307-10 Original Sample (OS) • Duplicate (DUP)

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	95.2	95.2	1	0.0322		5



Laboratory Control Sample (LCS)

(LCS) R3318905-2 06/18/1	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 9056A

L1002307-01,02,03,04,05,06,07,08,09,10

Method Blank (MB)

(MB) R3318866-1 0	6/18/18 17:22			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Chloride	U		0.795	10.0



³Ss

L1002095-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1002095-02	06/18/18 19:35 •	(DUP) R3318866-6	06/18/18 19:44
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	Original Result [DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg r	mg/kg		%		%
Chloride	7140	6900	50	3.42		15





L1002307-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1002307-07 06/18	/18 21:20 • (DUP)	R3318866-7	06/18/18 2	1:29		
	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chloride	47.6	45.6	1	4.27		15



⁹Sc

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

(LCS) R3318866-2 06/18/18 17:31 • (LCSD) R3318866-3 06/18/18 17:41												
	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	197	201	98.4	101	80.0-120			2.32	15		

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L1002307-01,02,05,06,07,08,09,10 Volatile Organic Compounds (GC) by Method 8015D/GRO

Method Blank (MB)

(MB) R3318913-4 06/18/18	(MB) R3318913-4 06/18/18 18:49									
	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						





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

(LCS) R3318913-2 06/18/18 17:42 • (LCSD) R3318913-3 06/18/18 18:05											
	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	5.81	6.07	106	110	70.0-136			4.34	20	
(S) a,a,a-Trifluorotoluene(FID)				102	103	77.0-120					









L1002340-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1002340-04	06/19/18 03:22 •	(MS) P3318913-5	06/19/18 03:44 • ((MSD) R3318913-6	06/19/18 04:07
(OS) LIOUZSTO-OT	00/13/10 03.22	(1713) 133310313-3	00/13/10 03.77 1		00/13/10 07.07

(OS) L1002340-04 06/19	(OS) L1002340-04 06/19/18 03:22 • (MS) R3318913-5 06/19/18 03:44 • (MSD) R3318913-6 06/19/18 04:07												
	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	45.8	95.1	97.5	35.9	37.7	25	10.0-147			2.49	30	
(S) a.a.a-Trifluorotoluene(FID)					101	101		77.0-120					





ConocoPhillips - Tetra Tech

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

L1002307-03,04

Method Blank (MB)

(MB) R3319118-3 06/19/18	(MB) R3319118-3 06/19/18 11:08									
	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)	102			77.0-120						







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

(LCS) R3319118-1 06/19/18 09:56 • (LCSD) R3319118-2 06/19/18 10:20										
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%
TPH (GC/FID) Low Fraction	5.50	4.83	4.46	87.8	81.2	70.0-136			7.85	20
(S) a,a,a-Trifluorotoluene(FID)				107	106	77.0-120				













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

L1002307-09,10

Method Blank (MB)

(MB) R3318926-3 06/18/18	3 13:36			
	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	112			80.0-120
(S) Dibromofluoromethane	91.9			74.0-131
(S) a,a,a-Trifluorotoluene	99.7			80.0-120
(S) 4-Bromofluorobenzene	112			64.0-132



(LCS) R3318926-1 06/18/	/18 12:34 • (LCSD)) R3318926-2	06/18/18 12:54								
	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	%	%	%			%	%	
Benzene	0.125	0.122	0.121	97.7	96.8	71.0-124			0.910	20	
Ethylbenzene	0.125	0.112	0.112	89.3	89.2	77.0-120			0.0511	20	
Toluene	0.125	0.121	0.120	96.5	96.4	70.0-120			0.134	20	
Xylenes, Total	0.375	0.359	0.351	95.7	93.6	77.0-120			2.25	20	
(S) Toluene-d8				109	107	80.0-120					
(S) Dibromofluoromethane				107	107	74.0-131					
(S) a,a,a-Trifluorotoluene				104	102	80.0-120					
(S) 4-Bromofluorobenzene				109	105	64.0-132					

L1002065-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1002065-01 06/18/1	(OS) L1002065-01 06/18/18 17:39 • (MS) R3318926-4 06/18/18 21:26 • (MSD) R3318926-5 06/18/18 21:46											
	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	1.78	0.920	56.8	29.5	25	13.0-146		<u>J3</u>	63.4	27
Ethylbenzene	0.125	ND	2.11	1.13	66.5	35.2	25	10.0-147		<u>J3</u>	60.6	31
Toluene	0.125	ND	1.98	1.01	61.9	30.8	25	10.0-144		<u>J3</u>	64.9	28
Xylenes, Total	0.375	ND	6.69	3.59	71.4	38.3	25	10.0-150		<u>J3</u>	60.3	31
(S) Toluene-d8					109	109		80.0-120				
(S) Dibromofluoromethane					102	108		74.0-131				
(S) a,a,a-Trifluorotoluene					104	102		80.0-120				
(S) 4-Bromofluorobenzene					102	106		64.0-132				















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

L1002307-01,02,03,04,05,06,07,08

Method Blank (MB)

(MB) R3318906-3 06/18/18	MB) R3318906-3 06/18/18 10:31								
	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	96.2			74.0-131					
(S) a,a,a-Trifluorotoluene	103			80.0-120					
(S) 4-Bromofluorobenzene	103			64.0-132					

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

(LCS) R3318906-1 06/18	3/18 09:16 • (LCSD) R3318906-2	2 06/18/18 09:3	5							
	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	0.112	86.3	89.8	71.0-124			3.94	20	
Ethylbenzene	0.125	0.112	0.119	89.8	94.9	77.0-120			5.59	20	9
Toluene	0.125	0.117	0.117	93.3	93.6	70.0-120			0.330	20	
Xylenes, Total	0.375	0.366	0.361	97.6	96.3	77.0-120			1.38	20	L
(S) Toluene-d8				106	105	80.0-120					
(S) Dibromofluoromethane	е			96.3	99.4	74.0-131					
(S) a,a,a-Trifluorotoluene				108	108	80.0-120					
(S) 4-Bromofluorobenzene	j			104	107	64.0-132					

L1002165-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1002165-04 06/18/18	8 14:55 • (MS) R	3318906-4 06	5/18/18 15:14 • (N	/ISD) R3318906	5-5 06/18/18 15	:33						
	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	0.00288	0.0819	0.0490	63.2	36.9	1	13.0-146		<u>J3</u>	50.3	27
Ethylbenzene	0.125	0.0317	0.250	0.204	174	138	1	10.0-147	<u>J5</u>		20.2	31
Toluene	0.125	0.0176	0.160	0.125	114	85.9	1	10.0-144			24.7	28
Xylenes, Total	0.375	0.178	1.21	1.06	276	236	1	10.0-150	<u>J5</u>	<u>J5</u>	13.2	31
(S) Toluene-d8					96.5	95.0		80.0-120				
(S) Dibromofluoromethane					96.4	95.0		74.0-131				
(S) a,a,a-Trifluorotoluene					104	105		80.0-120				
(S) 4-Bromofluorobenzene					97.6	98.7		64.0-132				





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Volatile Organic Compounds (GC/MS) by Method 8260B <u>L1002307-03,04</u>

Method Blank (MB)

(MB) R3318993-3 06/19/18	8 09:53			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Xylenes, Total	U		0.00478	0.00650
(S) Toluene-d8	113			80.0-120
(S) Dibromofluoromethane	98.5			74.0-131
(S) a,a,a-Trifluorotoluene	103			80.0-120
(S) 4-Bromofluorobenzene	105			64.0-132

Cn

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

(LCS) R3318993-1 06/19/18 08:51 • (LCSD) R3318993-2 06/19/18 09:11								6				
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits		
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%		7
Xylenes, Total	0.375	0.334	0.325	89.1	86.7	77.0-120			2.73	20		_ ′
(S) Toluene-d8				105	104	80.0-120						L
(S) Dibromofluoromethane				102	95.5	74.0-131						8
(S) a,a,a-Trifluorotoluene				102	102	80.0-120						1
(S) 4-Bromofluorobenzene				109	101	64.0-132						







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Semi-Volatile Organic Compounds (GC) by Method 8015

L1002307-01,02,03,04,05,06,07,08,09,10

Method Blank (MB)

(MB) R3318846-1 06/18/	18 19:40			
	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	66.0			18.0-148





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

(LCS) R3318846-2 06/18/18 19:53 • (LCSD) R3318846-3 06/18/18 20:06										
	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	%	%	%			%	%
C10-C28 Diesel Range	50.0	30.7	31.9	61.3	63.8	50.0-150			4.03	20
(S) o-Terphenyl				85.5	79.5	18.0-148				







L1002307-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

IC	S) I 1002307-02	06/18/18 20:18 .	(1/15	D33188/16-/	06/18/18 20:32	(MSD) R3318846-5 06/18/18 20:46	
(C	3) L1002307-02	00/10/10 20.10 •	(IVI)) K3310040-4	00/10/10 20.32 • 1	(ログロン	/) K3310040-3 UU/10/10 ZU.40	

(03) 11002307-02 007	10/10 20.10 • (1013)	K3310040-4 0	0/10/10 20.32 •	(IVISD) KSS100	140-3 00/10/10	20.40							
	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits	
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%	
C10-C28 Diesel Range	54.0	U	30.3	31.1	56.2	57.6	1	50.0-150			2.42	20	
(S) o-Terphenyl					<i>75.5</i>	103		18.0-148					



ConocoPhillips - Tetra Tech

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

Appreviations and	Definitions
(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
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.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J3	The associated batch QC was outside the established quality control range for precision.
.15	The sample matrix interfered with the ability to make any accurate determination; spike value is high























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.

* 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 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.



















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ANALYTICAL REPORT July 31, 2018

ConocoPhillips - Tetra Tech

Sample Delivery Group: L1011411

Samples Received: 07/21/2018

Project Number: 212C-MD-01269

Battle Axe 27 Fed Com 2H Description:

BATTLE AXE 27 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
ESW-5 (3') L1011411-01	5
ESW-4 (3') L1011411-02	6
ESW-3 (3') L1011411-03	7
Qc: Quality Control Summary	8
Total Solids by Method 2540 G-2011	8
Wet Chemistry by Method 9056A	9
Volatile Organic Compounds (GC) by Method 8015D/GRO	12
Volatile Organic Compounds (GC/MS) by Method 8260B	13
Semi-Volatile Organic Compounds (GC) by Method 8015	14
GI: Glossary of Terms	15
Al: Accreditations & Locations	16
Sc: Sample Chain of Custody	17

















SAMPLE SUMMARY



			Collected by	Collected date/time	Received date/time
ESW-5 (3') L1011411-01 Solid			Clint Merritt	07/11/18 08:45	07/21/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1142918	1	07/25/18 14:06	07/25/18 14:17	KDW
Wet Chemistry by Method 9056A	WG1142820	1	07/26/18 01:06	07/26/18 18:37	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1142593	1	07/24/18 14:54	07/25/18 17:02	DWR
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1142614	1	07/24/18 14:54	07/25/18 06:03	LRL
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1142694	1	07/24/18 22:28	07/25/18 11:01	MG
			Collected by	Collected date/time	Received date/time
ESW-4 (3') L1011411-02 Solid			Clint Merritt	07/11/18 11:00	07/21/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1142918	1	07/25/18 14:06	07/25/18 14:17	KDW
Wet Chemistry by Method 9056A	WG1141447	1	07/21/18 20:11	07/23/18 19:16	MAJ
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1142593	1	07/24/18 14:54	07/25/18 17:23	DWR
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1142614	1	07/24/18 14:54	07/25/18 06:23	LRL
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1142694	1	07/24/18 22:28	07/25/18 11:14	MG
			Collected by	Collected date/time	Received date/time
ESW-3 (3') L1011411-03 Solid			Clint Merritt	07/11/18 11:30	07/21/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1142918	1	07/25/18 14:06	07/25/18 14:17	KDW
Wet Chemistry by Method 9056A	WG1144212	1	07/28/18 11:05	07/29/18 18:39	MCG
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1142593	1	07/24/18 14:54	07/25/18 17:44	DWR
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1142614	1	07/24/18 14:54	07/25/18 06:44	LRL

WG1142694



















Semi-Volatile Organic Compounds (GC) by Method 8015

07/25/18 11:28

MG

07/24/18 22:28

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.

chu, toph J mem)

Chris McCord Project Manager

















Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	94.9		1	07/25/2018 14:17	WG1142918



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	115		0.838	10.5	1	07/26/2018 18:37	WG1142820



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>	0.0229	0.105	1	07/25/2018 17:02	WG1142593
(S) a,a,a-Trifluorotoluene(FID)	91.1			77.0-120		07/25/2018 17:02	WG1142593



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

9		·	•					
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	<u>Batch</u>	
Analyte	mg/kg		mg/kg	mg/kg		date / time		
Benzene	U		0.000422	0.00105	1	07/25/2018 06:03	WG1142614	
Toluene	U		0.00132	0.00527	1	07/25/2018 06:03	WG1142614	
Ethylbenzene	U		0.000559	0.00264	1	07/25/2018 06:03	WG1142614	
Total Xylenes	U		0.00504	0.00685	1	07/25/2018 06:03	WG1142614	
(S) Toluene-d8	119			80.0-120		07/25/2018 06:03	WG1142614	
(S) Dibromofluoromethane	105			74.0-131		07/25/2018 06:03	WG1142614	
(S) a,a,a-Trifluorotoluene	97.8			80.0-120		07/25/2018 06:03	WG1142614	
(S) 4-Bromofluorobenzene	102			64 0-132		07/25/2018 06:03	WG1142614	



	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.70	4.22	1	07/25/2018 11:01	WG1142694
C28-C40 Oil Range	0.703	<u>J</u>	0.289	4.22	1	07/25/2018 11:01	WG1142694
(S) o-Terphenyl	65.9			18.0-148		07/25/2018 11:01	WG1142694



Collected date/time: 07/11/18 11:00

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	93.2		1	07/25/2018 14:17	WG1142918



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	47.3		0.853	10.7	1	07/23/2018 19:16	WG1141447



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	0.0272	<u>J</u>	0.0233	0.107	1	07/25/2018 17:23	WG1142593
(S) a,a,a-Trifluorotoluene(FID)	90.8			77.0-120		07/25/2018 17:23	WG1142593



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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		0.000429	0.00107	1	07/25/2018 06:23	WG1142614	
Toluene	U		0.00134	0.00537	1	07/25/2018 06:23	WG1142614	
Ethylbenzene	U		0.000569	0.00268	1	07/25/2018 06:23	WG1142614	
Total Xylenes	U		0.00513	0.00698	1	07/25/2018 06:23	WG1142614	
(S) Toluene-d8	115			80.0-120		07/25/2018 06:23	WG1142614	
(S) Dibromofluoromethane	108			74.0-131		07/25/2018 06:23	WG1142614	
(S) a,a,a-Trifluorotoluene	99.0			80.0-120		07/25/2018 06:23	WG1142614	
(S) 4-Bromofluorobenzene	106			64.0-132		07/25/2018 06:23	WG1142614	

Sc

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.73	4.29	1	07/25/2018 11:14	WG1142694
C28-C40 Oil Range	U		0.294	4.29	1	07/25/2018 11:14	WG1142694
(S) o-Terphenyl	68.1			18.0-148		07/25/2018 11:14	WG1142694



Collected date/time: 07/11/18 11:30

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	98.4		1	07/25/2018 14:17	WG1142918



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	65.8		0.808	10.2	1	07/29/2018 18:39	WG1144212



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	07/25/2018 17:44	WG1142593
(S) a,a,a-Trifluorotoluene(FID)	90.2			77.0-120		07/25/2018 17:44	WG1142593



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

9	1	, ,	,				
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	<u>Batch</u>
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000407	0.00102	1	07/25/2018 06:44	WG1142614
Toluene	U		0.00127	0.00508	1	07/25/2018 06:44	WG1142614
Ethylbenzene	U		0.000539	0.00254	1	07/25/2018 06:44	WG1142614
Total Xylenes	U		0.00486	0.00661	1	07/25/2018 06:44	WG1142614
(S) Toluene-d8	116			80.0-120		07/25/2018 06:44	WG1142614
(S) Dibromofluoromethane	106			74.0-131		07/25/2018 06:44	WG1142614
(S) a,a,a-Trifluorotoluene	99.5			80.0-120		07/25/2018 06:44	WG1142614
(S) 4-Bromofluorobenzene	103			64.0-132		07/25/2018 06:44	WG1142614



Sc

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.64	4.07	1	07/25/2018 11:28	WG1142694
C28-C40 Oil Range	4.21		0.279	4.07	1	07/25/2018 11:28	WG1142694
(S) o-Terphenyl	64.6			18.0-148		07/25/2018 11:28	WG1142694

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Total Solids by Method 2540 G-2011

L1011411-01,02,03

Method Blank (MB)

(MB) R3328602-1 07	7/25/18 14:17			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.00300			



Ss

L1011534-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1011534-02 07/25	/18 14:17 • (DUP) R33286	02-3 07/25/18 14	4:17		
	Original Result DUP Re	esult Dilution	DUP RPD	DUP Qualifier	DUP RE

(00) 21011334 02 07/23/10	Original Result				DUP Qualifier	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	83.3	83.9	1	0.704		10



Laboratory Control Sample (LCS)

(LCS) R3328602-2 07	/25/18 14:17				
	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	L

(LCS) R3328602-2 07/25	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 9056A

L1011411-02

Method Blank (MB)

(M	B) R3327852-1 0	07/23/18 18:41			
		MB Result	MB Qualifier	MB MDL	MB RDL
Ana	alyte	mg/kg		mg/kg	mg/kg
Chl	loride	U		0.795	10.0



³Ss

L1011411-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1011411-02 07/23/) L1011411-02 07/23/18 19:16 • (DUP) R3327852-4 07/23/18 19:24											
	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits						
Analyte	mg/kg	mg/kg		%		%						
Chloride	47.3	47.9	1	1.25		15						



[†]Cn



L1011415-19 Original Sample (OS) • Duplicate (DUP)

(OS) L1011415-19 07/23/18 23:12 • (DUP) R3327852-7 07/23/18 23:21

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chloride	680	643	1	5.59		15





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

(LCS) R3327852-2 07/23/18 18:49 • (LCSD) R3327852-3 07/23/18 18:58

,	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits	
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%	
Chloride	200	195	194	97.5	96.8	80.0-120			0.722	15	

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Wet Chemistry by Method 9056A

L1011411-01

Method Blank (MB)

(MB) R3328874-2 07	7/26/18 16:19			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Chloride	2.09	<u>J</u>	0.795	10.0



L1011670-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1011670-01	07/26/18 19:30 •	(DUP) R3328874-7	07/26/18 19:39

(00) 2:0:10,70 0: 07,20,10	Original Result			DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chloride	20100	23000	100	13.2		15



L1011910-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1011910-0	04 07/26/18 21:06 • (DUP) F	R3328874-8 (07/26/18 2	1:15		
	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chloride	4020	3940	5	2.00		15



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

,	Spike Amount LCS			LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	mg/kg mg/k	/kg mg/kg	%	%	%			%	%
Chloride	200 205	5 204	103	102	80.0-120			0.480	15

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Wet Chemistry by Method 9056A

L1011411-03

Method Blank (MB)

(MB) R3329594-1 07/29/1	8 17:44			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Chloride	1.87	<u>J</u>	0.795	10.0









(OS) L1013032-03	07/29/18 20:59 • (DUP)	R3329594-7	07/29/18	21:08
	Original Result	DUP Result	D:: .:	DUD DD

	Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chloride	2750	2760	5	0.398		15







(OS) L1012049-02 07/30/18 15:11 • (DUP) R3329594-8 07/30/18 15:20

,	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chloride	1540	1630	5	5.84		15





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

,	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	207	204	103	102	80.0-120			1.48	15

L1012049-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1012049-03 07/29/18 19:14 • (MS) R3329594-5 07/29/18 19:22 • (MSD) R3329594-6 07/29/18 19:31

(O3) L1012049-03	OS/E1012043-03 07/23/10 13.14 • (MIS/K3323334-3 07/23/10 13.22 • (MIS/K3323334-0 07/23/10 13.31												
	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	1480	2110	2100	125	124	1	80.0-120	E J5	E J5	0.371	15	

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

L1011411-01,02,03

Method Blank (MB)

(MB) R3328590-3 07/24/18 23:33										
	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)	91.8			77.0-120						





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

(LCS) R3328590-1 07/24/	LCS) R3328590-1 07/24/18 22:31 • (LCSD) R3328590-2 07/24/18 22:52											
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits		
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%		
TPH (GC/FID) Low Fraction	5.50	4.95	5.11	90.0	92.9	70.0-136			3.18	20		
(S) a,a,a-Trifluorotoluene(FID)				103	105	77.0-120						













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

L1011411-01,02,03

Method Blank (MB)

(MB) R3328332-3 07/24/1	8 23:48			
	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	120			74.0-131
(S) a,a,a-Trifluorotoluene	107			80.0-120
(S) 4-Bromofluorobenzene	108			64.0-132





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

(LCS) R3328332-1 07/24	I/18 22:46 • (LCS	D) R3328332	-2 07/24/18 23	:07							7
(,	Spike Amount	,	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	0.134	0.130	107	104	71.0-124			3.49	20	
Ethylbenzene	0.125	0.121	0.123	96.6	98.6	77.0-120			2.04	20	
Toluene	0.125	0.116	0.117	93.0	93.4	70.0-120			0.493	20	
Xylenes, Total	0.375	0.382	0.385	102	103	77.0-120			0.782	20	L
(S) Toluene-d8				104	106	80.0-120					
(S) Dibromofluoromethane				116	124	74.0-131					
(S) a,a,a-Trifluorotoluene				105	105	80.0-120					
(S) 4-Bromofluorobenzene				109	103	64.0-132					





L1011167-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1011167-12 07/25/18	OS) L1011167-12 07/25/18 03:58 • (MS) R3328332-4 07/25/18 09:58 • (MSD) R3328332-5 07/25/18 10:19												
	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	0.120	0.0817	95.6	65.4	1	13.0-146		<u>J3</u>	37.6	27	
Ethylbenzene	0.125	ND	0.129	0.0799	103	63.9	1	10.0-147		<u>J3</u>	47.3	31	
Toluene	0.125	ND	0.121	0.0791	95.4	61.7	1	10.0-144		<u>J3</u>	42.0	28	
Xylenes, Total	0.375	ND	0.412	0.258	110	68.8	1	10.0-150		<u>J3</u>	45.9	31	
(S) Toluene-d8					112	109		80.0-120					
(S) Dibromofluoromethane					113	110		74.0-131					
(S) a,a,a-Trifluorotoluene					100	99.0		80.0-120					
(S) 4-Bromofluorobenzene					108	110		64.0-132					

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Semi-Volatile Organic Compounds (GC) by Method 8015

L1011411-01,02,03

Method Blank (MB)

(MB) R3328500-1 07/2	5/18 10:20			
	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	64.6			18.0-148

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

(LCS) R3328500-2 07/25/18 10:34 • (LCSD) R3328500-3 07/25/18 10:47										
	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	30.5	31.6	61.0	63.3	50.0-150			3.69	20
(S) o-Terphenyl				91.8	95.4	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 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
Е	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.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.



















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.



















ceived by OCD: 10/19/2021	12:19:22 PN	1	Billing Info	rmation					A:	nalysis / Con	tamer / Prese	ervative		Chain of Custody	Page 18
ConocoPhillips - Tetra 4001 N. Blg Spring St., Ste. 401 Midland, TX 79705			4001 N.	s Payable Big Spring St. , TX 79705	, Ste. 401	Pres								LAB S	ESC.
Report to Kayla Jer			Email >	City/State										12065 tabenon Pd Mount Idnet, TN 37 Phone 615-754-58 Phone 800-767-58 fax 615-758-5859	1122 W 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Description Battle Axe Phone 432-687-8137 Fax:	Client Project	10-01		Lab Project #	n Co NA	h								F01	9
Collected by (print) Clint Merri # Collected by (signature).	Same Da	ab MUST Be	βżγ	Quote#										Acctnum, COI Template. Prelogin:	
Packed on Ice N Y Sample ID	Three O	Matrix *	(Rad Only) y (Rad Only) Depth	Date Re	sults Needed	Mo af Entrs	TPH	BTEK						TSR. S26 - Chri PB: Shipped Via:	Sample # [lab to
ESW-5(3')	-	Ss	-	7/11	08:45	T	K	X	k						01
ESW-4151	-	32	_	7/13	11:00	it	X	X	欠						_ &
FSW - 3(3')	-	\$2		7/19.	11:30		K	x	×						לי
* Matrix: 55 - Soil AIR - AIr F = Filter GW - Groundwater B - Bioassay WW - WasteWater	Remarks:									pH	Temp		OC Signet Bottles as	ni 'Present/Intect /Accurate Five intect:	· · · · · · · · · · · · · · · · · · ·
OW - Orinking Water OT - Other	Samples retur	med via dExCou	iner		Tracking # 44	30 3	3429	136	100					volume ment: If Applicab	
Relinquished by : (Signature)		0ate 7/19		17.00	Received by 15 igns	ature)	au	24		Trip Blank Re	TE	CL / MeaH	Preservati	on Correct/Ch	
by (Signature) Do 40 (Or by (Signature)	1	7/20	18	1600	Regelized by: All Received for lab by	10	4	/		Date.	*C Bottle	3	If preservation	on required by Lo	
eased to Imaging: 2/24/2023					0	Và	Y	1		121/19	2)	845	700		NCF / Of



ANALYTICAL REPORT

August 16, 2018

ConocoPhillips - Tetra Tech

Sample Delivery Group: L1015723

Samples Received: 08/08/2018

Project Number: 212C-MD-01269

Battle Axe 27 Fed Com 2H Description:

BATTLE AXE 27 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.

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			Collected by	Collected date/time	Received date/time
NSW-2(5') L1015723-01 Solid			Clint Merritt	08/01/18 12:30	08/08/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1151564	1	08/13/18 15:46	08/13/18 15:54	KDW
Wet Chemistry by Method 9056A	WG1149835	1	08/09/18 13:49	08/09/18 20:49	ELN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1150394	1	08/09/18 11:27	08/11/18 02:26	JAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1150819	1	08/09/18 11:27	08/11/18 08:45	JHH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1150127	1	08/09/18 17:57	08/10/18 03:50	DMW
			Collected by	Collected date/time	Received date/time
ESW-10 L1015723-02 Solid			Clint Merritt	08/01/18 09:30	08/08/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1151564	1	08/13/18 15:46	08/13/18 15:54	KDW
Wet Chemistry by Method 9056A	WG1149835	1	08/09/18 13:49	08/09/18 20:58	ELN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1150394	1	08/09/18 11:27	08/11/18 02:50	JAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1150819	1	08/09/18 11:27	08/11/18 09:04	JHH
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1150127	1	08/09/18 17:57	08/10/18 04:02	DMW
			Collected by	Collected date/time	Received date/time
AH-2(8'-9') L1015723-03 Solid			Clint Merritt	08/01/18 12:00	08/08/18 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1151564	1	08/13/18 15:46	08/13/18 15:54	KDW
Wet Chemistry by Method 9056A	WG1149835	1	08/09/18 13:49	08/09/18 21:07	ELN
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG1150394	1	08/09/18 11:27	08/11/18 03:14	JAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1150819	1	08/09/18 11:27	08/11/18 09:23	JHH

WG1150127



















Semi-Volatile Organic Compounds (GC) by Method 8015

08/10/18 04:14

08/09/18 17:57

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 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.

3 Ss













Chris McCord Project Manager

SAMPLE RESULTS - 01

Collected date/time: 08/01/18 12:30

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	84.7		1	08/13/2018 15:54	<u>WG1151564</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	56.4		0.938	11.8	1	08/09/2018 20:49	WG1149835



Ss

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		0.0256	0.118	1	08/11/2018 02:26	WG1150394
(S) a,a,a-Trifluorotoluene(FID)	99.4			77.0-120		08/11/2018 02:26	WG1150394



СQс

Gl

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg	mg/kg		date / time		
Benzene	U		0.000472	0.00118	1	08/11/2018 08:45	WG1150819	
Toluene	U		0.00148	0.00590	1	08/11/2018 08:45	WG1150819	
Ethylbenzene	U		0.000626	0.00295	1	08/11/2018 08:45	WG1150819	
Total Xylenes	U		0.00564	0.00767	1	08/11/2018 08:45	WG1150819	
(S) Toluene-d8	120			80.0-120		08/11/2018 08:45	WG1150819	
(S) Dibromofluoromethane	79.2			74.0-131		08/11/2018 08:45	WG1150819	
(S) a,a,a-Trifluorotoluene	96.1			80.0-120		08/11/2018 08:45	WG1150819	
(S) 4-Bromofluorobenzene	97.9			64.0-132		08/11/2018 08:45	WG1150819	



Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.90	4.72	1	08/10/2018 03:50	WG1150127
C28-C40 Oil Range	U		0.323	4.72	1	08/10/2018 03:50	WG1150127
(S) o-Terphenyl	56.5			18.0-148		08/10/2018 03:50	WG1150127

ConocoPhillips - Tetra Tech

SAMPLE RESULTS - 02

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Collected date/time: 08/01/18 09:30

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	87.0		1	08/13/2018 15:54	WG1151564



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	59.9		0.914	11.5	1	08/09/2018 20:58	WG1149835



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		0.0249	0.115	1	08/11/2018 02:50	WG1150394
(S) a,a,a-Trifluorotoluene(FID)	99.1			77.0-120		08/11/2018 02:50	WG1150394



СQс

Gl

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

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg	mg/kg		date / time		
Benzene	U		0.000460	0.00115	1	08/11/2018 09:04	WG1150819	
Toluene	U		0.00144	0.00575	1	08/11/2018 09:04	WG1150819	
Ethylbenzene	U		0.000609	0.00287	1	08/11/2018 09:04	WG1150819	
Total Xylenes	U		0.00549	0.00747	1	08/11/2018 09:04	WG1150819	
(S) Toluene-d8	120			80.0-120		08/11/2018 09:04	WG1150819	
(S) Dibromofluoromethane	81.3			74.0-131		08/11/2018 09:04	WG1150819	
(S) a,a,a-Trifluorotoluene	100			80.0-120		08/11/2018 09:04	WG1150819	
(S) 4-Bromofluorobenzene	101			64.0-132		08/11/2018 09:04	WG1150819	



Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	U		1.85	4.60	1	08/10/2018 04:02	WG1150127
C28-C40 Oil Range	1.64	BJ	0.315	4.60	1	08/10/2018 04:02	WG1150127
(S) o-Terphenyl	55.7			18.0-148		08/10/2018 04:02	WG1150127

SAMPLE RESULTS - 03

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Collected date/time: 08/01/18 12:00

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	<u>Batch</u>
Analyte	%			date / time	
Total Solids	83.5		1	08/13/2018 15:54	WG1151564



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	77.3		0.952	12.0	1	08/09/2018 21:07	WG1149835



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	2.85		0.0260	0.120	1	08/11/2018 03:14	WG1150394
(S) a,a,a-Trifluorotoluene(FID)	98.6			77.0-120		08/11/2018 03:14	WG1150394



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		0.000479	0.00120	1	08/11/2018 09:23	WG1150819
Toluene	U		0.00150	0.00598	1	08/11/2018 09:23	WG1150819
Ethylbenzene	U		0.000634	0.00299	1	08/11/2018 09:23	WG1150819
Total Xylenes	0.0859		0.00572	0.00778	1	08/11/2018 09:23	WG1150819
(S) Toluene-d8	118			80.0-120		08/11/2018 09:23	WG1150819
(S) Dibromofluoromethane	78.3			74.0-131		08/11/2018 09:23	WG1150819
(S) a,a,a-Trifluorotoluene	97.3			80.0-120		08/11/2018 09:23	WG1150819
(S) 4-Bromofluorobenzene	103			64.0-132		08/11/2018 09:23	WG1150819



Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	<u>Batch</u>
Analyte	mg/kg		mg/kg	mg/kg		date / time	
C10-C28 Diesel Range	21.4		1.93	4.79	1	08/10/2018 04:14	WG1150127
C28-C40 Oil Range	7.85		0.328	4.79	1	08/10/2018 04:14	WG1150127
(S) o-Terphenyl	46.4			18.0-148		08/10/2018 04:14	WG1150127

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Total Solids by Method 2540 G-2011

L1015723-01,02,03

Method Blank (MB)

(MB) R3333327-1 08	/13/18 15:54			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.00200			



L1015731-01 Original Sample (OS) • Duplicate (DUP)

(OS) I 1015731-01	08/13/18 15:54 •	(DUP) R3333327-3	08/13/18 15:54
(00) [1010/01/01	00/13/10 13.54	(DOI) 113333327 3	00/10/10 10.04

,	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	81.4	81.4	1	0.00872		10



Laboratory Control Sample (LCS)

(LCS) R3333327-2 C	08/13/18 15:54
--------------------	----------------

(LCS) R3333327-2 08/13/1	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 9056A

L1015723-01,02,03

Method Blank (MB)

(MB) R3332542-1	08/09/18 18:46			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Chloride	1.98	<u>J</u>	0.795	10.0





Ss

L1015709-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1015709-01 08/09/18	3 20:14 • (DUP)	R3332542-6 (08/09/18 2	20:40						
	Original Result DUP Result DUP RPD DUP Qualifier DUP RPD (dry) (dry)									
Analyte	mg/kg	mg/kg		%		%				
Chloride	100	124	1	21.4	J3	15				







(,	•	-	LCSD Result		LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%
Chloride	200	206	203	103	102	80.0-120			1.19	15







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

L1015723-01,02,03

Method Blank (MB)

(MB) R3332915-3 08/10/1	8 22:03		(MB) R3332915-3 08/10/18 22:03										
	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) R3332915-1 08/10/18	LCS) R3332915-1 08/10/18 20:51 • (LCSD) R3332915-2 08/10/18 21:15												
	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	5.87	5.87	107	107	70.0-136			0.0393	20			
(S) a,a,a-Trifluorotoluene(FID)				106	106	77.0-120							







L1015807-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) I 1015807-08 08/11/	18 06:27 • (MS) R33329	915-4 08/11/18 07:39 • (MSD)	R3332915-5 08/11/18 08:03

(00) 21010007 00 00/11/10	` '		•	•			D:1 ::	D 1: ::	146.0 116	MCD 0 115	222	DDD II. II
	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	3.47	3.80	62.7	68.5	1	10.0-147			8.90	30
(S) a,a,a-Trifluorotoluene(FID)					101	102		77.0-120				





ONE LAB. NAPagev192 of \$76

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

L1015723-01,02,03

Method Blank (MB)

(MB) R3333166-3 08/11/18	08:26			
	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	116			80.0-120
(S) Dibromofluoromethane	79.4			74.0-131
(S) a,a,a-Trifluorotoluene	96.4			80.0-120
(S) 4-Bromofluorobenzene	99.3			64.0-132











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

(LCC) D22221CC 1 00/11/1	0.07:10 //.000	D2222100 2	00/11/10 07:00								 7
(LCS) R3333166-1 08/11/1	8 07:10 • (LCSD)	R3333100-2	08/11/18 07:29								
	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	%	%	%			%	%	8
Benzene	0.125	0.107	0.105	85.4	83.9	71.0-124			1.76	20	
Ethylbenzene	0.125	0.127	0.127	102	101	77.0-120			0.555	20	
Toluene	0.125	0.123	0.126	98.7	101	70.0-120			2.31	20	
Xylenes, Total	0.375	0.380	0.385	101	103	77.0-120			1.31	20	L
(S) Toluene-d8				110	113	80.0-120					
(S) Dibromofluoromethane				88.8	90.5	74.0-131					
(S) a,a,a-Trifluorotoluene				99.3	96.5	80.0-120					
(S) 4-Bromofluorobenzene				101	105	64.0-132					

⁸Al

⁹Sc

L1015723-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1015723-03 08/11/18 09:23 • (MS) R3333166-4 08/11/18 15:03 • (MSD) R3333166-5 08/11/18 15:22

	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	0.150	U	0.132	0.147	88.3	98.1	1	13.0-146			10.6	27
Ethylbenzene	0.150	U	0.163	0.178	109	119	1	10.0-147			8.92	31
Toluene	0.150	U	0.162	0.169	109	113	1	10.0-144			3.97	28
Xylenes, Total	0.449	0.0859	0.584	0.615	111	118	1	10.0-150			5.19	31
(S) Toluene-d8					116	111		80.0-120				
(S) Dibromofluoromethane					81.7	86.1		74.0-131				
(S) a,a,a-Trifluorotoluene					97.1	95.6		80.0-120				
(S) 4-Bromofluorobenzene					116	104		64.0-132				

Semi-Volatile Organic Compounds (GC) by Method 8015

QUALITY CONTROL SUMMARY

ONE LAB. NA Page 193 of 376

L1015723-01,02,03

Method Blank (MB)

(MB) R3332561-1 08/10/18 00:51 MB Result MB Qualifier MB MDL MB RDL Analyte mg/kg mg/kg mg/kg U C10-C28 Diesel Range 1.61 4.00 C28-C40 Oil Range 0.360 0.274 4.00 (S) o-Terphenyl 80.2 18.0-148



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

(LCS) R3332561-2 08/10/1	(LCS) R3332561-2 08/10/18 01:03 • (LCSD) R3332561-3 08/10/18 01:15											
	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	26.9	25.9	53.9	51.9	50.0-150			3.73	20		
(S) o-Terphenyl				83.5	84.2	18.0-148						





GI

L1015689-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1015689-09 08/10/18 01:27 • (MS) R3332561-4 08/10/18 01:39 • (MSD) R3332561-5 08/10/18 01:51

	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	%	%		%			%	%
C10-C28 Diesel Range	50.0	ND	24.1	23.1	48.3	46.1	1	50.0-150	<u>J6</u>	<u>J6</u>	4.55	20
(S) o-Terphenyl					73.7	66.9		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

Appreviations and	Definitions
(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
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.

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

























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: 10/19/2021 1.	2.19.22 FWI		Billing Information:				Analysis / Container / Preservative							Chain of Custody Page 196 of			
ConocoPhillips - Tetra Tech 4001 N. Big Spring St., Ste. 401 Midland, TX 79705						Pres Chk									-	₹ F	SC
Reporto: Kayla Taylor			Email 16.								н					12065 tebanen fid Alegent Sallet, TH 1712 Phone: 615-758-5814	12.5
Project Description: Battle Are # 27 Fol Com Phone: 432-687-8137 Fax: 2120-no-or			Lab Project W												For 615-758 3859		
Collected by (print). Collected by (signature)	Rush? (L	ab MUST Be	e e e e e e e e e e e e e e e e e e e	Quote #			0928	50							ACT CALLS	Acctnum: COPTETRA Template: Prelogin TSR: 526 - Chris McCord	
Immediately Packed on Ico NY	Two Day	10 Da	ry (Rad Only)	1	Jults Needed	No of Cotrs	TEX	H d-1			Н				ì	PB: Shipped Via;	MCCOTO
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time		(F)									Remarks	Sample # (lab)
MSW-215)	_	55	-	8/1	12:30	1	X	X	X							-	201
ESW-10	_	55	_	8/1	09:30		X	X	X			-					-07_
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Matrix: SS - Sod AM - Air F - Filter GW - Groundwater 8 - Bioassay	Remarks:									pH _		emp	_	coc s coc s sottle	SAEC eal Pr lqned	resent/Intect: /Accurate: rive intect: tiles used: volume sent:	NF Y
WW - WasteWater DW - Drinking Water OT - Other	Samples returned via: UPS FedEx Couner Tracking # 1					4	30	21	42		-55	7		VOA Z	ero Re	<u>lf Applicab</u> ; eadspace:	<u>le</u> Y
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Login #:L1015723	Client:COPTETRA	Date:08/08/18	Evaluated by Myra "Katie" Ingram
			The second secon

Sample Integrity		Chain of Custody Clarification	
Parameter(s) past holding time		Login Clarification Needed	If Broken Container.
Improper temperature	×	Chain of custody is incomplete	Insufficient packing material around container
Improper container type		Please specify Metals requested	Insufficient packing material inside cooler
Improper preservation		Please specify TCLP requested.	Improper handling by carrier (FedEx / UPS / Courie
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 IId not intact
Vials received with headspace	1	Trip Blank not received	If no Chain of Custody:
Broken container		Client did not "X" analysis.	Received by:
Broken container		Chain of Custody is missing	Date/Time
Sufficient sample remains			Temp/Cont Rec/pH
			Carrier
			Tracking#

Login Comments: What TPH?

Client informed by	Call	Email	Voice Mail	Date:8/8 8	Time:16:54	
TSR Initials:CM	Client Cont	tact				

Login Instructions:

Log GRO, DRORLA please

Released to Imaging: 2/24/2023 8:25:16 AM

APPENDIX D Photographic Documentation

CONOCOPHILLIPS BATTLE AXE 27 FEDERAL 2H COM LEA COUNTY, NEW MEXICO



TETRA TI



View Northeast – Excavation in progress near AH-1.



View North – Excavation in progress near AH-6.

CONOCOPHILLIPS BATTLE AXE 27 FEDERAL 2H COM LEA COUNTY, NEW MEXICO 1RP-4903, 1RP-4916





View North – Deeper Excavation in progress near AH-6.



View South – Excavation Area of AH-7 and AH-8

CONOCOPHILLIPS BATTLE AXE 27 FEDERAL 2H COM LEA COUNTY, NEW MEXICO 1RP-4903, 1RP-4916







View Northwest – Deeper Excavation near AH-8



View South – Excavation Area of AH-2

APPENDIX E Waste Manifests



R360 Environmental Solutions, LLC Permian Basin Region

P.O. Box 3452 Hobbs, NM 88241

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

Invoice

Date: Invoice #: 6/15/2018 C171063

Terms: Generator: Due Upon Receipt CONOCOPHILLIPS

Lease:

BATTLE AXE 27 FEDERAL COM

Well:

002H

Rig:

NON-DRILLING

PO: Memo:

ltem	Qty	Desc	Price	Amount	Ticket	Date	Manifest #	3rd Party #	Co. Man	Trucking Co
Contaminated Soil (RCRA	20.00	15-11-11	\$17.00	\$340.00	899995	6/6/2018	1		CLINT MERIT	MCNABB
Exempt)										PARTNERS
Contaminated Soil (RCRA	20.00		\$17.00	\$340.00	899996	6/6/2018	2		CLINT MERIT	MCNABB
Exempt)										PARTNERS
Contaminated Soil (RCRA	20.00		\$17.00	\$340.00	900103	6/6/2018	3	• •	CLINT MERIT	MCNABB
Exempt)										PARTNERS
Contaminated Soil (RCRA	20,00		\$17,00	\$340.00	900106	6/6/2018	4	,	CLINT MERIT	MCNABB
Exempt)										PARTNERS
Contaminated Soil (RCRA	20.00	***	\$17.00	\$340.00	900314	6/7/2018	05		CLINT MERIT	MCNABB
Exempt)										PARTNERS
Contaminated Soil (RCRA	20.00		\$17.00	\$340.00	900316	6/7/2018	6		CLINT MERIT	MCNABB
Exempt)										PARTNERS
Contaminated Soil (RCRA	20,00		\$17.00	\$340.00	900408	6/7/2018	7	W	CLINT MERIT	MCNABB
Exempt)										PARTNERS
Contaminated Soil (RCRA	20.00	W-10-	\$17.00	\$340.00	900411	6/7/2018	8		NEAL	MCNABB
Exempt)									GOATES	PARTNERS
Contaminated Soil (RCRA	20.00		\$17.00	\$340.00	900457	6/7/2018	9		NEAL	MCNABB
Exempt)									GOATES	PARTNERS
Contaminated Soil (RCRA	20.00		\$17.00	\$340.00	900679	6/8/2018	10		CLINT MERIT	MCNABB
Exempt)										PARTNERS
Contaminated Soil (RCRA	20.00		\$17.00	\$340.00	900688	6/8/2018	11		CLINT MERIT	MCNABB
Exempt)										PARTNERS
Contaminated Soil (RCRA	20.00		\$17.00	\$340.00	900689	6/8/2018	12	·· · · · · · · · · · · · · · · · · · ·	CLIN'I MERIT	MCNABB
Exempt)										PARTNERS



R360 Environmental Solutions, LLC Permian Basin Region

P.O. Box 3452 Hobbs, NM 88241

> Bill To CONOCOPHILLIPS P.O. BOX 2200 BARTI ESVILLE OK 74005

Invoice

Date: Invoice #: 6/15/2018 C171063

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BATTLE AXE 27 FEDERAL COM

Well:

002H

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Rig: PO: Memo:

BARTLESV	ILLE, OK 74005						
Contaminated Soil (RCRA Exempt)	20.00	\$17.00	\$340.00 900690	6/8/2018	13	CLINT MERIT	MCNABB PARTNERS
Contaminated Soil (RCRA	20.00	\$17.00	\$340.00 900809	6/8/2018	14	CLINT MERIT	MCNABB
Exempt)							PARTNERS
Contaminated Soil (RCRA	18.00	\$17.00	\$306,00 900810	6/8/2018	15	CLINT MERIT	MCNABB
Exempt)							PARTNERS
Contaminated Soil (RCRA	20.00	\$17.00	\$340.00 900813	6/8/2018	16	CLINT MERIT	MCNABB
Exempt)							PARTNERS
Contaminated Soil (RCRA	20.00	\$17.00	\$340.00 900819	6/8/2018	17	CLINT MERIT	MCNABB
Exempt)							PARTNERS
Contaminated Soil (RCRA	20.00	\$17.00	\$340.00 900820	6/8/2018	18	CLINT MERIT	MCNABB
Exempt)							PARTNERS
Contaminated Soil (RCRA	20.00	\$17.00	\$340.00 901677	6/11/2018	20	CLINT MERIT	MCNABB
Exempt)							PARTNERS
Contaminated Soil (RCRA	20.00	\$17.00	\$340,00 901771	6/11/2018	21	CLINT MERIT	MCNABB
Exempt)							PARTNERS
Contaminated Soil (RCRA	20.00	\$17.00	\$340.00 901778	6/11/2018	22	CLINT MERIT	MCNABB
Exempt)							PARTNERS
Contaminated Soil (RCRA	20.00	\$17.00	\$340.00 901974	6/12/2018	23	CLINT MERIT	MCNABB
Exempt)		·	,				PARTNERS
Contaminated Scil (RCRA	20.00	\$17.00	\$340.00 901975	6/12/2018	24	CLINT MERIT	MCNABB
Exempt)			*******			CENT WEET	PARTNERS
Contaminated Soil (RCRA	20.00	\$17.00	\$340.00 902029	6/12/2018	25	CLINT MERIT	MCNABB
Exempt)		******	**************************************	0, 12,2010	20	CENTI WERT	PARTNERS
Contaminated Soil (RCRA	20.00	\$17.00	\$340.00 902079	6/12/2018	310479	CLINT MERIT	MCNABB
Exempt)		4	40,000	0/ 12/2010	010-110	CENT WERT	PARTNERS
Contaminated Soil (RCRA	20.00	\$17,00	\$340.00 902091	6/12/2018	310563	CLINT MERIT	MCNABB
Exempt)		411100	φο (σίσο σσ <u>Ε</u> σο (0,12,2010	010000	CEIVI WERT	PARTNERS
Contaminated Soil (RCRA	20.00	\$17.00	\$340.00 902093	6/12/2018	28	CLINT MERIT	MCNABB
Exempt)	20.00	Ψ17.00	φο-τοισο συΣσσο	0/12/2010	20	CLINT MEKIT	PARTNERS
Contaminated Soil (RCRA	20.00	\$17.00	\$340.00 902314	6/13/2018	30	CLINT MERIT	MCNABB
Exempt)	20.00	ψ17.00	Ψ040.00 002014	0/10/2010	30	CLINI WERI	PARTNERS
Contaminated Soil (RCRA	20.00	\$17,00	\$340.00 902315	6/13/2018	29	CLINT MERIT	
Exempt)	20.00	ψ17,00	φοτο.σο σο2στο	0/10/2010	23	CLINI MERII	MCNABB PARTNERS
Contaminated Soil (RCRA	20,00	\$17.00	\$340.00 902323	6/13/2018	31	CLINT MERIT	
Exempt)	10,00	Ψ17.00	ψ040.00 302320	0/10/2010	J I	CLINT MERT	MCNABB
Contaminated Soil (RCRA	20.00	\$17.00	\$340.00 902327	6/13/2018	32	CLINT MERIT	PARTNERS MCNABB
Exempt)	20.00	Ψ17.00	Ψ070,00 80202)	0/10/2010	JZ	CLINI MERII	
Contaminated Soil (RCRA	20.00	\$17.00	\$340.00 902412	6/13/2018	33	CLINT MERIT	PARTNERS MCNABB
Exempt)	20.00	ψ11.00	φ070.00 302412	0/10/2010	00	CLIN : IVIERII	
Contaminated Soil (RCRA	20,00	\$17.00	\$340.00 902426	6/13/2018	34	CLINT MERIT	PARTNERS
Exempt)	20,00	Ψ17.00	φ040.00 302420	0/13/2010	54	CLINT MERIT	MCNABB
Contaminated Soil (RCRA	20,00	\$17.00	\$340.00 902430	6/13/2018	36	CLINT MERIT	PARTNERS
Exempt)	20.00	Ψ17.00	φυ40,00 802430	0/13/2016	30	CLINT MERIT	MCNABB
Contaminated Soil (RCRA	20.00	\$17.00	\$340.00 902432	6/13/2018	37`	CL DIT VEDIT	PARTNERS
Exempt)	20.00	Ψ17.00	\$340.00 \$ 02432	0/13/2010	3/	CLINT MERIT	MCNABB
Contaminated Soil (RCRA	20.00	\$17,00	\$240.00 000000	6/4//2049	37	GI DIT MENT	PARTNERS
Exempt)	20.00	Φ17.00	\$340.00 902628	6/14/2018	31	CLINT MERIT	MCNABB
Contaminated Soil (RCRA	20.00	\$47.00	#240 00 000000	6/4/1/00/10	70	Of them seems to	PARTNERS
•	40.00	\$17.00	\$340.00 902630	6/14/2018	39	CLINT MERIT	MCNABB
Exempt)	20.00	647.00	\$0.40.00 C00000	0/44/0046			PARTNERS
Contaminated Soil (RCRA	20.00	\$17,00	\$340.00 902680	6/14/2018	39	CLINT MERIT	MCNABB
Exempt)	00.00	0.47.60	AA./A.A.	0/4 1/00 15			PARTNERS
Contaminated Soil (RCRA	20.00	\$17.00	\$340.00 902696	6/14/2018	40	CLINT MERIT	MCNABB
Exempt)							PARTNERS



R360 Environmental Solutions, LLC Permian Basin Region

P.O. Box 3452 Hobbs, NM 88241

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

Invoice

Date: Invoice #: 6/15/2018 C171063

Terms: Generator: Due Upon Receipt CONOCOPHILLIPS

Lease:

BATTLE AXE 27 FEDERAL COM

002H

Well: Rig:

NON-DRILLING

PO: Memo:

P.O. BOX 220
BARTLESVILI
Contaminated Soil (RCRA
Exempt)

\$17,00

\$340.00 902699 6/14/2018

41

CLINT MERIT MCNABB

PARTNERS

Please Remit To:

R360-Permian Basin Region

P.O.Box 671798

Dallas, TX 75267-1798

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

Subtotal:

\$13,566.00

NM Sales Tax (6.8125%):

\$924.18

Total:

\$14,490.18

Summary of Products & Services

Product	Price	Quantity	Unit	Extended Price
Contaminated Soil (RCRA Exempt)	\$17.00	798.00	yards	\$13,566.00
Sales Tax (NM)	\$924.18	1.00	each	\$924.18



Permian Basin

Customer: CONOCOPHILLIPS

Customer #: CRI2190
Ordered by: CLINT MERIT

AFE #: PO #:

Manifest #: 1

Manif. Date: Hauler: 6/6/2018 MCNABB PARTNERS

HOWARD

M78

Driver Truck #

Card # Job Ref #

Ticket #: Bid #: 700-899995 O6UJ9A0009Z1

Date:

6/6/2018

Generator: CONOCOPHILLIPS

Generator #:

Well Ser, #: 42896L Well Name: BATTLE

BATTLE AXE 27 FEDERAL COM

Well #: 002H

Field:

Field #: Rig:

NON-DRILLING

County

LEA (NM)

Facility: CRI											
Product / Servi	Ce		samuelijas (j. 1907). 18. maiks (j. 1907).		and the specific production of the specific prod	Q	uantity Uni	ts			ş
Contaminated :							20.00 yard				
	Cell	pН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						
I hereby certify the segulatory of the segulator	leterminati pt: Oil Fiel Exempt: Oil ablished in llowing do nation	on, the above on, the above of wastes geten a recommentation of RCRA Ha	re described nerated from e which is no ulations, 40 in is attached azardous Was	ervation and waste is: a oil and gas on-hazardous CFR 261.21- to demonstra ste Analysis	exploration and that does not ex 261.24 or listed te the above-de	RCRA) and production accept the relationship in the relationship i	n operations an minimum stand s waste as definate is non-haza	d are not mixe ards for waste aed in 40 CFR, urdous. (Check ovide descripti	d with non-e hazardous by part 261, sui the appropri on above)	cy's July exempt waste y bpart D, as iate items):	ē.
Customer Appr	oval	· ·	·	THIS	IS NOT	AN IN	VOICE!		<u> </u>		

Date:

Approved By:

TRANSPORTER'S MANIFEST

MANIFEST# #

CHIPPING THE CITY VICTOR OF THE CITY OF THE
SHIPPING FACILITY NAME & ADDRESS:
ConocoPhillips Company
600 N. Dairy Ashford Rd, Houston, TX 77079
Attn. Neal Goates
N.Goates@conocophillips.com 832.486.2425
032.480.2423
LOCATION OF MATERIAL:
ConocoPhillips Co.
EVGSAU Satellites Battle Are 27 Feb. Com 24
Section 2 - Township 17 South - Range 25 East,
Log County, Nov. Manifeld
Ap # 30 - 025 - 42896
TRANSPORTER NAME AND ADDRESS:
TRANSFORTER NAME AND ADDRESS:
McNabb Partners
4008 N. Grimes
Hobbs, New Mexico 88240
575.397.0050
313.331.0030
DESCRIPTION OF WASTE:
Impacted Soil QUANTITY:
20 yusds
FACILITY CONTACT:
mounti comaci.
Date: Signature of Contact:
6/6/W (Agent for ConocoPhillips)
White control of the
NAME OF TRANSPORTER (Driver):
1.615 Dues D
Date: Signature Driver:
DISPOSAL SITE:
R360
P.O. Box 388
Hobbs, New Mexico 88241
\sim
Date: Representative



Permian Basin

Customer: CONOCOPHILLIPS

JOE

82

Customer #: CRI2190
Ordered by: CLINT MERIT

AFE #: PO #:

Manifest #: 2

Manif, Date: Hauler:

6/6/2018 MCNABB PARTNERS

Driver
Truck #

Card # Job Ref # Ticket #: 700-899996
Bid #: 06UJ9A0009Z1

Date: 6/6/2018

Generator: CONOCOPHILLIPS

Generator#:

Well Ser. #: 42896L

Well Name:

BATTLE AXE 27 FEDERAL COM

Well #: 002H

Field:

Field #:

Rig: County NON-DRILLING LEA (NM)

Facility: CRI

Product / Servi	C e	Lauring Comments			An and the second of	Q	uantity Uni	ts	e e e e e e e e e e e e e e e e e e e		
Contaminated 5	Soil (RCF	RA Exempt)				20.00 yar	ds			
	Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
I ah Analysis:	50	0.00	0.00	0.00	0						<u>_</u> _

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):
MCDC Information DCD ATT 1 NV + 1 1 1

_ MODS Infollitation	_ KCKA nazardous waste Aliatysis	_ Process Knowledge	_ Other (Provide description above)

Cus	st(om	le	r	Appr	oval

Driver/ Agent Signature

THIS IS NOT AN INVOICE!

R360 Representative Signature

Approved By:	Date:	

TRANSPORTER'S MANIFEST

MANIFEST# # 2

CITIDDING	
SHIPPING FACILITY NAMI	E & ADDRESS:
ConocoPhillips Company	
600 N. Dairy Ashford Rd, Hous	ton, TX 77079
Attn. Neal Goates	
N.Goates@conocophillips.com	
832.486.2425	
LOCATION OF MATERIAL:	
ConocoPhillips Co.	
	1. 17 - 124 00
Section 32 Township 17 Court	Are 27 Feb Con QH
Section 32 - Township 17 Sout Lea County, New Mexico	*> ¬
Lea County, New Mexico	Apl # 30-025-42846
TRANSPORTER NAME AND	1 30-023. 94846
TRANSPORTER NAME AND	ADDRESS:
McNabb Partners	
4008 N. Grimes	
Hobbs, New Mexico 88240	
575.397.0050	
373.377.0030	
DESCRIPTION OF WASTE:	
Impacted Soil	QUANTITY:
	Royale
FACILITY CONTACT:	
Date:	Signature of Contact:
6/6/18	(Agent for ConocoPhillips)
/ - 0	(rigent for conocor minps)
NAME OF TRANSPORTER (I	Oriver):
	, , , , , , , , , , , , , , , , , , ,
Date: 6 - 6 - 18	Signature Driver:
DISPOSAL SITE:	
D260	
R360	
P.O. Box 388	
Hobbs, New Mexico 88241	
Dotor	
Date:	Representative ()
	Signature



Permian Basin

Customer:

Customer#: **CLINT MERIT** Ordered by:

AFE #: PO #:

Driver

Truck #

Manifest #: 3

Manif. Date: Hauler:

MCNABB PARTNERS

HOWARD M78

6/6/2018

Card# Job Ref# CONOCOPHILLIPS

CRI2190

Bid #: Date:

Ticket #:

700-900103 O6UJ9A0009Z1

6/6/2018

Generator: CONOCOPHILLIPS

Generator #: Well Ser. #:

42896L Well Name: BATTLE AXE 27 FEDERAL COM

Well#: 002H

Field:

Field #:

Rig: County

R360 Representative Signature

NON-DRILLING LEA (NM)

Facility: CRI

Product / Servi	ce		and the second	in any manager Administration	eli era elle i perale de la cele. Calendario	Q	uantity Uni	is		ja salawa a jira. Masaada walan s		٠
Contaminated :							20.00 yard					
	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 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

_ MSDS infolliation	KCKA Hazardous waste Analysis	Process Knowledge	Other (Provide description above)

Cust	0	me	er /	٩p	ÞΓ	oval	

Driver/ Agent Signature

THIS IS NOT AN INVOICE!

Approved By:	Date:	

TRANSPORTER'S MANIFEST

MANIFEST # 3

SHIPPING FACILITY NAM	E & ADDRESS:
ConocoPhillips Company	
600 N. Dairy Ashford Rd, Hous	ston, TX 77079
Attn. Neal Goates	
N.Goates@conocophillips.com	
832.486.2425	
LOCATION OF MATERIAL	•
ConocoPhillips Co.	
EVOSALISatellites Orth	Axe 27 Fed con 24
Section 34 - Township 17 Sout	th - Range 35-East.
Lea County, New Mexico	1
	API# 30-025-47896
TRANSPORTER NAME ANI) ADDRESS.
	MDDRESS.
McNabb Partners	
4008 N. Grimes	
Hobbs, New Mexico 88240	
575.397.0050	
DESCRIPTION OF WASTE:	
Impacted Soil	OH A MUNICIPAL.
impacica bott	QUANTITY: 205 miles
FACILITY CONTACT:	
menti contact:	
Date: ,	Signature of Contact
6/6/18	Signature of Contact:
10118	(Agent for ConocoPhillips)
NAME OF TRANSPORTER (Deitron
	Driver):
Date: 6 6 /8	Signature Driver: Allabell
240.	Signature Driver: / [Mllewell
DISDOCAL CUTE.	
DISPOSAL SITE:	
R360	
P.O. Box 388	
Hobbs, New Mexico 88241	_
TIOUS, THEN MEXICO 00241	
Date:	Popular Annie Anni
W// V// ハイト	Representative
	Signature (



Permian Basin

Customer:

M32

Customer #: Ordered by:

AFE #: PO #:

Manifest #: 4

Manif. Date: 6/6/2018 Hauler: MCNABB PARTNERS Driver JOE

Truck # Card # Job Ref# CONOCOPHILLIPS

CRI2190 **CLINT MERIT**

Ticket #: Bid #:

700-900106 O6UJ9A0009Z1 6/6/2018

Date: Generator: CONOCOPHILLIPS

Generator #:

42896L Well Ser. #: Well Name:

BATTLE AXE 27 FEDERAL COM

Well #: 002H

Field:

Field #:

Rig:

NON-DRILLING

LEA (NM) County

Facility: CRI											
Product / Servi		ing covered as		erikan gerambanya Territoria	and the second s	Q	uantity Uni	ts	entre de la companya	anda anda anda anda Quina kan wasan sa	
Contaminated S							20.00 yard				
	Cell	рΗ	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						
1988 regulatory d X RCRA Exemple RCRA Non-Echaracteristics est amended. The following MSDS Inform Driver/ Agent S	pt: Oil Fiel Exempt: Oi ablished in Ilowing donation	ld wastes ge il field waste i RCRA reg cumentation _ RCRA Ha	nerated from e which is no ulations, 40 n is attached nzardous Was	oil and gas on-hazardous CFR 261,21- to demonstra ste Analysis	that does not e 261.24 or listed the the above-de	xceed the r I hazardous escribed wa nowledge	ninimum stand s waste as defin aste is non-haza Other (Pr	ards for waste ned in 40 CFR, ardous. (Check ovide descripti	hazardous by part 261, su the approprion above)	y bpart D, as late items):	
Customer Appr	oval			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·						in in the second of the second
				THIS	IS NOT	AN IN	VOICE!				

Date:

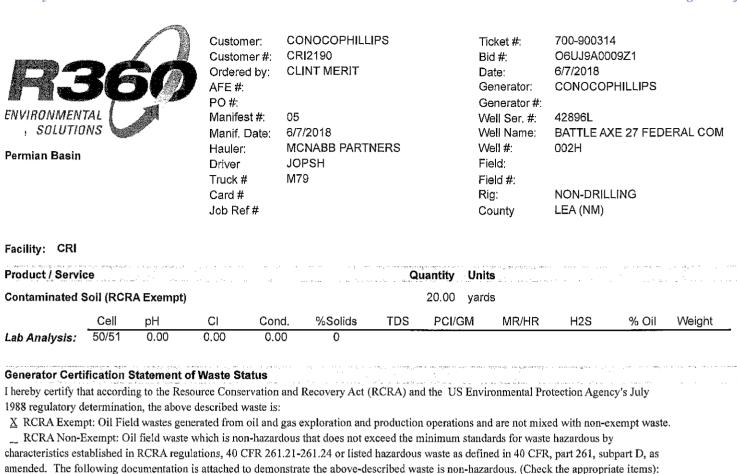
t6UJ9A010177

Approved By:

TRANSPORTER'S MANIFEST

MA	ANIFEST# 4
SHIPPING FACILITY NAME	E & ADDRESS:
ConocoPhillips Company	
600 N. Dairy Ashford Rd, House	ton, TX 77079
Attn. Neal Goates	
N.Goates@conocophillips.com	
832.486.2425	
LOCATION OF MATERIAL:	
ConocoPhillips Co.	
EVGSAU Satellite 3 Oct/c	Ave 27 Fed Con 24
Section 我 - Township # Sout	h - Range 🅦 East,
Lea County, New Mexico	API# 30.025.42.89
TRANSPORTER NAME AND	ADDRESS:
McNabb Partners	
4008 N. Grimes	
Hobbs, New Mexico 88240	
575.397.0050	
0.0.00.00	
DESCRIPTION OF WASTE:	
Impacted Soil	QUANTITY: 205ads
FACILITY CONTACT:	
Date:	Signature of Contrat.
6/6/12	Signature of Contact:
	(Agent for ConocoPhillips)
NAME OF TRANSPORTER (Driver):
Date: 6-6-18	Signature Driver:
DISPOSAL SITE:	
R360	
P.O. Box 388	
Hobbs, New Mexico 88241	
\sim ι	//
Date:	Representative /
_ 600	Signature

Released to Imaging: 2/24/2023 8:25:16 AM



THIS IS NOT AN INVOICE!

R360 Representative Signature

Approved By: _____ Date: ____

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

t6UJ9A0101OB 6/15/2018 10:28:43AM

Driver/ Agent Signature

Customer Approval

TRANSPORTER'S MANIFEST

MANIFEST# <u>5</u>

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.

EVOSAUSMOHIMO BANK AKE 27 Fed COMZH

Section 32 Township 17 South - Range 35 East,

Lea County, New Mexico

API# 30.025.42896

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240

575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

20 yards

FACILITY CONTACT:

Date:

6/7/18

Signature of Contact:

(Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date: 6718

Signature Driver:

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative

Signature



Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-900316
Customer #:	CRI2190	Bid #:	O6UJ9A0009Z1
Ordered by:	CLINT MERIT	Date:	6/7/2018
AFE#:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	6	Well Ser. #:	42896L
Manif, Date:	6/7/2018	Well Name:	BATTLE AXE 27 FEDERAL COM
Hauler:	MCNABB PARTNERS	Well #:	002H
Driver	JOE	Field:	
Truck #	M82	Field #:	
Card#		Rig:	NON-DRILLING
Job Ref#		County	LEA (NM)

Date:

	ce		n transfer and a see	i sering a line, s		Q	uantity Unit	8	in and a second	and the second control of	
Contaminated :	Soil (RCR	A Exempt	ı				20.00 yard	ls			
	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-l characteristics established.	leterminati pt: Oil Fiel Exempt: Oi ablished in	on, the above d wastes ge l field waste RCRA reg cumentation	re described varieted from e which is no ulations, 40 to is attached	waste is: n oil and gas on-hazardous CFR 261,21- to demonstra	exploration and that does not e 261.24 or listed te the above-de	production exceed the range of	n operations an ninimum stand s waste as defin aste is non-haza	d are not mixe ards for waste ed in 40 CFR, rdous. (Check	d with non-e hazardous by part 261, sul the appropri	xempt waste v bpart D, as	.
amended. The fo _ MSDS Information _ MSDS Informati	nation _									jan y	erica di Normalia di Seri

t6UJ9A0101OJ

Approved By:

MANIFEST# 6

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.

EVESAU Saidlite 3 Bathe Ive 27 Fed COM ZH

Section 32 - Township 17 South - Range 35 East, Lea County, New Mexico

API# 30.025.42896

TRANSPORTER NAME AND ADDRESS:

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

DESCRIPTION OF WASTE:	
Impacted Soil	QUANTITY: 20 gods

FACILITY CONTACT:

Date: 6/7/18 Signature of Contact:

(Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date: 6-7-18

Signature Driver: -

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative Signature

Customer:



CRI2190 Bid #: O6UJ9A0009Z1 Customer #: **CLINT MERIT** 6/7/2018 Date: Ordered by: AFE#: Generator: CONOCOPHILLIPS PO #: Generator #: 7 Manifest #: 42896L Well Ser. #: 6/7/2018 Well Name: BATTLE AXE 27 FEDERAL COM Manif. Date: MCNABB PARTNERS Well #: 002H Hauler: Driver **JOSH** Field: Truck # M79 Field #: NON-DRILLING Card# Rig: Job Ref# County LEA (NM) Facility: CRI Product / Service Quantity Units Contaminated Soil (RCRA Exempt) 20.00 yards %Solids PCI/GM MR/HR H₂S % Oil Weight Cond. TDS 50/51 0.00 0.00 0.00 Lab Analysis: 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) R360 Representative Signature Driver/ Agent Signature **Customer Approval** THIS IS NOT AN INVOICE! Approved By:

CONOCOPHILLIPS

Ticket #:

700-900408

t6UJ9A0101VV 6/15/2018 10:28:44AM

MANIFEST# 7

	·
SHIPPING FACILITY NAM	IE & ADDRESS:
ConocoPhillips Company	
600 N. Dairy Ashford Rd, Hou	uston, TX 77079
Attn. Neal Goates	, 111 / 10/5
N.Goates@conocophillips.com	1
832.486.2425	-
LOCATION OF MATERIAL	L :
ConocoPhillips Co.	•
EVOSAU Satellite 3 (3	the lee 27 Fel Conza
Section 32 - Township 17 Sou	th - Range 35 -East,
Lea County, New Mexico	Ap1# 30-025
TRANSPORTER NAME AN	
McNabb Partners	
4008 N. Grimes	
Hobbs, New Mexico 88240	
575.397.0050	
DESCRIPTION OF WASTE	
Impacted Soil	QUANTITY: 2000
FACILITY CONTACT:	
Date: 6/7/18	Signature of Contact: (Agent for ConocoPhillips)
NAME OF TRANSPORTER	(Driver):
.	DA
Date: G-7-18	Signature Driver:
DISPOSAL SITE:	
R360	
P.O. Box 388	
Hobbs, New Mexico 88241	

Representative Signature

Date:



3 NTAL	60	Customer: Customer #: Ordered by: AFE #: PO #: Manifest #:	CONOCOPHILLIPS CRI2190 NEAL GOATES	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #:	700-900411 O6UJ9A0009Z1 6/7/2018 CONOCOPHILLIPS 42896L
ions '		Manif. Date:	6/7/2018	Well Name:	BATTLE AXE 27 FEDERAL COM
		Hauler:	MCNABB PARTNERS	Well #:	002H

Field:

Rig:

Field #:

County

NON-DRILLING

LEA (NM)

JOE

82

Driver

Truck #

Card#

Job Ref#

Facility: CRI Product / Service Units Quantity Contaminated Soil (RCRA Exempt) 20.00 yards PCI/GM MR/HR Cond. %Solids TDS H2S % Oil Weight 0.00 Lab Analysis: **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

THIS IS NOT AN INVOICE!

Approved By:	D	Pate:
--------------	---	-------

t6UJ9A0101VY

Customer Approval

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. EMOSAU Satellite 3 TS-ML Are 27 Fol Con 2H Section 32- Township 12. South - Range 33 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: 205-M FACILITY CONTACT: Date: 6-7-6 Signature of Contact: (Agent for ConocoPhillips) NAME OF TRANSPORTER (Driver): Date: 6-7-6 Signature Driver: Age 13-2-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
And the state of Contact: Apple 30 - 025 - 425 Apple 30 - 025 -
Attn. Neal Goates N.Goates@conocophillips.com 832.486.2425 LOCATION OF MATERIAL: ConocoPhillips Co. PYGSAU Satellite 3 15 affle for 27 Fall Com 2H Section 32 Township 12 South - Range 35 East, Lea County, New Mexico 4
AP # 30 - 025 - 421 LOCATION OF MATERIAL: ConocoPhillips Co. EYGSAU Satellite 3 TSAHL Are 27 Fol Com ZH Section 32 - Township H South - Range 31 East, Lea County, New Mexico 4
LOCATION OF MATERIAL: ConocoPhillips Co. EYGSAU Satellite 3 75-4/L Are 27 Fol Com ZH Section 32- Township 12 South - Range 33 East, Lea County, New Mexico 32 TRANSPORTER NAME AND ADDRESS: McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050 DESCRIPTION OF WASTE: Impacted Soil QUANTITY: 205-4 FACILITY CONTACT: Date: Signature of Contact: (Agent for ConocoPhillips) NAME OF TRANSPORTER (Driver):
ConocoPhillips Co. EYGSAU Satellite 3 13-fff
EYGSAU Satellite 3 75-4/12 Ave 27 Fed Con 24 Section 32- Township 42 South - Range 35 East, Lea County, New Mexico 4 TRANSPORTER NAME AND ADDRESS: McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050 DESCRIPTION OF WASTE: Impacted Soil QUANTITY: 205-46 FACILITY CONTACT: Date: 6/4/8 Signature of Contact: (Agent for ConocoPhillips) NAME OF TRANSPORTER (Driver):
Section 32 Township 22 South - Range 35 East, Lea County, New Mexico 4 TRANSPORTER NAME AND ADDRESS: McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050 DESCRIPTION OF WASTE: Impacted Soil QUANTITY: 203.44 FACILITY CONTACT: Date: 6/7/18 Signature of Contact: (Agent for ConocoPhillips) NAME OF TRANSPORTER (Driver):
TRANSPORTER NAME AND ADDRESS: McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050 DESCRIPTION OF WASTE: Impacted Soil QUANTITY: 203.44 FACILITY CONTACT: Date: 5/4/x Signature of Contact: (Agent for ConocoPhillips) NAME OF TRANSPORTER (Driver):
TRANSPORTER NAME AND ADDRESS: McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050 DESCRIPTION OF WASTE: Impacted Soil QUANTITY: 2054 FACILITY CONTACT: Date: Signature of Contact: (Agent for ConocoPhillips) NAME OF TRANSPORTER (Driver):
McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050 DESCRIPTION OF WASTE: Impacted Soil QUANTITY: 2034 FACILITY CONTACT: Date: 6/4/x
4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050 DESCRIPTION OF WASTE: Impacted Soil QUANTITY: 20544 FACILITY CONTACT: Date: Signature of Contact: (Agent for ConocoPhillips) NAME OF TRANSPORTER (Driver):
Hobbs, New Mexico 88240 575.397.0050 DESCRIPTION OF WASTE: Impacted Soil QUANTITY: 205.44 FACILITY CONTACT: Date: 6/4/4 Signature of Contact: (Agent for ConocoPhillips) NAME OF TRANSPORTER (Driver):
DESCRIPTION OF WASTE: Impacted Soil QUANTITY: 2034 FACILITY CONTACT: Date: Signature of Contact: (Agent for ConocoPhillips) NAME OF TRANSPORTER (Driver):
DESCRIPTION OF WASTE: Impacted Soil QUANTITY: 2034 FACILITY CONTACT: Date: Signature of Contact: (Agent for ConocoPhillips) NAME OF TRANSPORTER (Driver):
Impacted Soil QUANTITY: 20545 FACILITY CONTACT: Date: 6/4/4 Signature of Contact: (Agent for ConocoPhillips) NAME OF TRANSPORTER (Driver):
Date: Signature of Contact: (Agent for ConocoPhillips) NAME OF TRANSPORTER (Driver):
Date: Signature of Contact: (Agent for ConocoPhillips) NAME OF TRANSPORTER (Driver):
NAME OF TRANSPORTER (Driver):
NAME OF TRANSPORTER (Driver):
Date: 6-7-15 Signature Driver: 100
The second of th
DISPOSAL SITE:
R360
P.O. Box 388 Hobbs, New Mexico 88241
Date: Representative
Date: Representative Signature Representative



Customer:	CONOCOPHILLIPS	Ticket #:	700-900457
Customer#:	CRI2190	Bid #:	O6UJ9A0009Z1
Ordered by:	NEAL GOATES	Date:	6/7/2018
AFE#:		Generator:	CONOCOPHILLIPS

Generator #:

PO #: 42896L Manifest #: Well Ser, #:

Well Name: BATTLE AXE 27 FEDERAL COM Manif. Date: 6/7/2018 MCNABB PARTNERS Well #: 002H Hauler:

Field: **HOWARD** Driver Truck # 78 Field #: Card# Rig:

NON-DRILLING LEA (NM) Job Ref# County

Product / Servi	:0	المستعددات المستدارة				: Q	uantity Uni		production by	1 - 1 - 1 - 2 dL 1 - 1	*
Contaminated S	oil (RCR	A Exempt	ı				20.00 yard	ls			
	Cell	pΗ	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						
T1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ncauon s	statement	of Waste S	tatus			and the second	or And India Western	no literation	L. T. L.	e pareces sh
I hereby certify the 1988 regulatory of Market Exem RCRA Non-I characteristics est amended. The form MSDS Infortional Christ Agent S	at accordination at a ccordination of the cordinate of the cordinate of the cordinate of the cordination of the ccordination o	ng to the Re on, the abov d wastes ge il field wast n RCRA reg cumentation _ RCRA Ha	source Consider described merated from the which is not ulations, 40 is attached azardous Wa	ervation and waste is: n oil and gas on-hazardous CFR 261.21- to demonstra ste Analysis	Recovery Act of exploration and that does not estate the above-dual Process K	(RCRA) and production accept the relationship in the relationship	nd the US Envi n operations an minimum stand s waste as defir aste is non-haza Other (Pr	d are not mixe ards for waste aed in 40 CFR, ardous. (Check ovide descripti	d with non-e hazardous by part 261, su the approprion above)	cy's July xempt wast y bpart D, as ate items):	e.

THIS IS NOT AN INVOICE!

Approved By:	Date:	
.pp.0.00.0.	 	

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MANIFEST # _ 9

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.
EVOSAU Satollite 3 3 off he dre 27 Fellow 24
Section 32 Township 17 South - Range 35 East, Lea County, New Mexico
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:
PACIDITI CONTACT.
Date: /// Signature of Contact:
Signature of Contact: (Agent for ConocoPhillips)
NAME OF TRANSPORTER (Driver):
Date: (0) Signature Driver:
Date: O / Signature Driver: / # COSS
DISPOSAL SITE:
R360
P.O. Box 388
Hobbs, New Mexico 88241
Date: Representative Representative
O7 18 Signature August
•



Driver

JOSH

Permian Basin

Ł				
	Customer:	CONOCOPHILLIPS	Ticket #:	700-900679
2	Customer #:	CRI2190	Bid #:	O6UJ9A0009Z1
A	Ordered by:	CLINT MERIT	Date:	6/8/2018
7	AFE#:		Generator:	CONOCOPHILLIPS
	PO #:		Generator #:	
	Manifest #:	10	Well Ser. #:	42896L
	Manif. Date:	6/8/2018	Well Name:	BATTLE AXE 27 FEDERAL COM
	Hauler:	MCNABB PARTNERS	Well #:	002H

 Truck #
 M79
 Field #:

 Card #
 Rig:
 NON-DRILLING

 Job Ref #
 County
 LEA (NM)

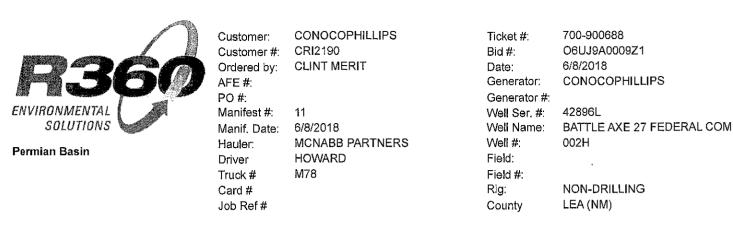
Field:

Facility: CRI	و ند المرافقةون			- magazina garanan .	50 C C C C C C C C C C C C C C C C C C C						
Product / Servi	ce	. I i i i i i i i i i i i i i i i i i i	2			Q	uantity Uni	ts			a cha baran
Contaminated :	Soil (RCR	A Exempt)	1				20.00 yard	ds			
	Cell	рН	CI	Cond,	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0					0	
1988 regulatory of X RCRA Exem RCRA Non-l characteristics estamended. The for MSDS Information in the control of the con	pt: Oil Fie Exempt: O tablished in Ilowing do nation	ld wastes ge il field waste n RCRA reg ocumentation _ RCRA Ha	nerated from e which is no ulations, 40 o n is attached zardous Was	oil and gas on-hazardous CFR 261.21- to demonstra ste Analysis	that does not e 261.24 or listed to the above-do	xceed the radious the second the	ninimum stand s waste as defir aste is non-haza Other (Pr	ards for waste ted in 40 CFR, ordous. (Check ovide descripti	hazardous by part 261, su the appropri ion above)	y bpart D, as iate items):	
Customer Appi	oval										
				IHIS	IS NOT	AN IN	VOICE!				
Approved By:						Da	ate:				

t6UJ9A0102LG

MANIFEST # 100

SHIPPING FACILITY NAME &	& ADDRESS:
ConocoPhillips Company	
600 N. Dairy Ashford Rd, Houston	n, TX 77079
Attn. Neal Goates	
N.Goates@conocophillips.com	
832.486.2425	
LOCATION OF MATERIAL:	
ConocoPhillips Co.	
EVGSAU Satellite 3 3 m/k	1x=27 Fel CONZH
Section 32 - Township 47 South	- Range 35 East.
Section 32 - Township 17 South Lea County, New Mexico	र ,
•,	
TRANSPORTER NAME AND A	ADDRESS:
McNabb Partners	
4008 N. Grimes	
Hobbs, New Mexico 88240	
575.397.0050	
575.557.0050	
DESCRIPTION OF WASTE:	
Impacted Soil	OTIA NUDUDNA
Impacieu 3011	QUANTITY: Zos arels
FACILITY CONTACT:	CUSALES
FACILITY CONTACT:	
Data	Simple and a second second
Date:	Signature of Contact:
6/8/18	(Agent for ConocoPhillips)
ALAME OF TO A MODO DEED OF	
NAME OF TRANSPORTER (Di	river):
Date: 4818	
Date: Q 0')	Signature Driver: Jack SC
	//
DISPOSAL SITE:	,
R360	
P.O. Box 388	
Hobbs, New Mexico 88241	(
1 / /	(1,)
Date: \(\lambda \lambda \lambda \rangle \lambda \lamb	Representative \ \\
<u> </u>	Signature



Facility: CRI											
Product / Servi	ce ja ja	gar in de en de jag Le la de la casa de la				Q	uantity Uni		osenski reguserniste. Li oz 9 1. tropiski	en gregorie in over	er myrrig synt in Talling a single
Contaminated S	Soil (RCR	A Exempt)				20.00 yard	ds			
	Celi	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						
Generator Cert I hereby certify the 1988 regulatory of X RCRA Exem RCRA Non-1 characteristics estamended. The form MSDS Information of the MSDS Information of the North Agent Services of the North A	nat accordi leterminati pt: Oil Fie Exempt: O tablished in Ilowing do nation	ng to the Re on, the abov ld wastes ge il field wast n RCRA reg commentation RCRA Ha	esource Consider described enerated from the which is no culations, 40 in is attached azardous Was	ervation and waste is: n oil and gas on-hazardous CFR 261.21- to demonstrate Analysis	Recovery Act exploration and that does not e 261.24 or listed the the above-de Process K	(RCRA) ard production exceed the production of t	d the US Envi n operations an minimum stand s waste as defir aste is non-haze Other (Pr	d are not mixe ards for waste aed in 40 CFR, ardous. (Check ovide description	d with non-e hazardous b part 261, su the approprion above)	exempt waste y bpart D, as iate items):	e.
Customer App										1991 . 1	
				THIS	IS NOT	AN IN	IVOICE!				

Date:

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Approved By:

MANIFEST# _______ SHIPPING FACILITY NAME & ADDRESS: ConocoPhillips Company 600 N. Dairy Ashford Rd, Houston, TX 77079 Attn. Neal Goates N.Goates@conocophillips.com AP1# 30-025-42846 832.486.2425 LOCATION OF MATERIAL: ConocoPhillips Co. EVGSAU Satellite 3 Battle Are 27 Fed Com 24 Section Township Town TRANSPORTER NAME AND ADDRESS: McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050 DESCRIPTION OF WASTE: Impacted Soil QUANTITY: 204wds FACILITY CONTACT: Date: Signature of Contact: 6/8/18 (Agent for ConocoPhillips) NAME OF TRANSPORTER (Driver): Date: Signature Driver: DISPOSAL SITE: R360 P.O. Box 388 Hobbs, New Mexico 88241 Representative Signature



Approved By:

Customer:	CONOCOPHILLIPS
Customer#	CRI2190

Customer #: **CLINT MERIT** Ordered by:

AFE#: PO #:

Truck #

Card# Job Ref#

Manifest #: 12 Manif, Date:

Hauler: Driver

6/8/2018 MCNABB PARTNERS

M81

URIEL

Ticket #: Bid#:

700-900689 O6UJ9A0009Z1

Date:

6/8/2018 Generator: CONOCOPHILLIPS

Generator #: Well Ser. #:

Well Name:

42896L

BATTLE AXE 27 FEDERAL COM

Well #: 002H

Field:

Field #:

Rig: County

LEA (NM)

NON-DRILLING

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Contaminated S	OII (RCR	A Exempt)				20.00 yard	ıs			
	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 Certify		Santa an agracia		an a april 1 a mij 1 a mij 1 a mij 1	aga aga sa mas arawayan	. vanarija a	-kiri kuruk - ca - kiri se-		property and a second control of		
Generator Certi	ication s	Statement	of Waste S	tatus			a jaka da	and the state of the	nadezin z kol	محمر والتسامي	
Thereby certify the	at accordi	ing to the rec	Source Cons	or vacion and	Recovery Act ((RCRA) ar	nd the US Envi	ronmental Pro	tection Agen	icy's July	
1988 regulatory de					1				1 24		
X RCRA Exemp				_	-	_	-			exempt waste) .
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_ RCRA Non-E											
_ RCRA Non-E characteristics esta	ıblished iı	n RCRA reg	ulations, 40	CFR 261.21-	261.24 or listed	l hazardou	s waste as defin	ed in 40 CFR,	, part 261, su	bpart D, as	
_ RCRA Non-E characteristics esta amended. The following the control of the contr	iblished in lowing do	n RCRA reg ocumentation	ulations, 40 n is attached	CFR 261.21- to demonstra	261.24 or listed te the above-de	l hazardou escribed wa	s waste as defin aste is non-haza	ed in 40 CFR, irdous. (Check	part 261, su the appropri	bpart D, as	
_ RCRA Non-E characteristics esta	iblished in lowing do	n RCRA reg ocumentation	ulations, 40 n is attached	CFR 261.21- to demonstra	261.24 or listed te the above-de	l hazardou escribed wa	s waste as defin aste is non-haza	ed in 40 CFR, irdous. (Check	part 261, su the appropri	bpart D, as	
_ RCRA Non-E characteristics esta amended. The fol _ MSDS Inform	ablished in lowing do ation _	n RCRA reg ocumentation _ RCRA Ha	ulations, 40 n is attached azardous Wa	CFR 261.21- to demonstra ste Analysis	261.24 or listed ate the above-de Process K	l hazardou escribed wa nowledge	s waste as defin aste is non-haza Other (Pro	ed in 40 CFR, irdous. (Check ovide descript	part 261, su the appropri ion above)	bpart D, as iate items):	
_ RCRA Non-E characteristics esta amended. The following the control of the contr	ablished in lowing do ation _	n RCRA reg ocumentation _ RCRA Ha	ulations, 40 n is attached azardous Wa	CFR 261.21- to demonstra ste Analysis	261.24 or listed ate the above-de Process K	l hazardou escribed wa nowledge	s waste as defin aste is non-haza Other (Pro	ed in 40 CFR, irdous. (Check ovide descript	part 261, su the appropri ion above)	bpart D, as iate items):	e to the less of
_ RCRA Non-E characteristics esta amended. The fol _ MSDS Inform	ablished in lowing do ation _	n RCRA reg ocumentation _ RCRA Ha	ulations, 40 n is attached azardous Wa	CFR 261.21- to demonstra ste Analysis	261.24 or listed ate the above-de Process K	l hazardou escribed wa nowledge	s waste as defin aste is non-haza Other (Pro	ed in 40 CFR, irdous. (Check ovide descript	part 261, su the appropri ion above)	bpart D, as iate items):	in die Kantantan
_ RCRA Non-E characteristics estramended. The fol _ MSDS Inform Driver/ Agent Si	iblished in lowing do action _ gnature	n RCRA reg ocumentation _ RCRA Ha	ulations, 40 n is attached azardous Wa	CFR 261.21- to demonstra ste Analysis	261.24 or listed the above-de Process K R360 R	I hazardou escribed w nowledge epresent	s waste as defin aste is non-haza Other (Pro ative Signatur	ned in 40 CFR, urdous. (Check ovide descript re	part 261, su the approprion above)	bpart D, as iate items):	
_ RCRA Non-E characteristics esta amended. The fol _ MSDS Inform	iblished in lowing do action _ gnature	n RCRA reg ocumentation _ RCRA Ha	ulations, 40 n is attached azardous Wa	CFR 261.21- to demonstra ste Analysis	261.24 or listed the above-de Process K R360 R	I hazardou escribed w nowledge epresent	s waste as defin aste is non-haza Other (Pro ative Signatur	ned in 40 CFR, urdous. (Check ovide descript re	part 261, su the approprion above)	bpart D, as iate items):	

Date:

t6UJ9A0102MK 6/15/2018 10:28:46AM

MANIFEST# 12

SHIPPING FACILITY NAME &	k ADDRESS:
ConocoPhillips Company	
600 N. Dairy Ashford Rd, Houston	ı, TX 77079
Attn. Neal Goates	
N.Goates@conocophillips.com	v
832.486.2425	4/1 #30 - 025 - 47856
002110012120	111130
LOCATION OF MATERIAL:	
ConocoPhillips Co.	
EVGSAU SAULIER BAHLA	L. 27 Ford COM ZH
Section 32 Township 17 South	Dange 35 Fast
Lea County, New Mexico	- Kang e so L asi, 32
Lea County, New Mexico	
TED A MODO DITTED MARKET A NID A	DDDESC.
TRANSPORTER NAME AND A	DDRESS:
McNabb Partners	
4008 N. Grimes	
Hobbs, New Mexico 88240	
575.397.0050	
DESCRIPTION OF WASTE:	
Impacted Soil	QUANTITY:
	20 sards
FACILITY CONTACT:	
	G:
Date:	Signature of Contact:
6/8/19	(Agent for ConocoPhillips)
	CETA
NAME OF TRANSPORTER (Di	river):
m . / A	11/2
Date: 6-8-18	Signature Driver:
DIGDOG A CONTROL	
DISPOSAL SITE:	
P260	
R360	
P.O. Box 388	
Hobbs, New Mexico 88241	
() ~ 10	/ / / _
Date:	Representative /
	Signature



Customer:	CONOCOPHILLIPS	Ticket #:	700-900690
Customer#:	CRI2190	Bid #:	O6UJ9A0009Z1
Ordered by:	CLINT MERIT	Date:	6/8/2018

AFE#: Generator: CONOCOPHILLIPS

PO #: Generator #:

Manifest #: 13 Well Ser. #: 42896L 6/8/2018 Manif, Date: Well Name: BATTLE AXE 27 FEDERAL COM

MCNABB PARTNERS Well#: 002H Hauler: JOE Field: Driver

Truck # M32 Field #: Card# Rig: NON-DRILLING Job Ref# County LEA (NM)

	Soil (RCR	A Exempt)	l				20.00 yard	ds			
	Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0					0	
Generator Cert	ification S	Statement	of Waste S	tatus	Marian, rational and security	F T 21 or New York - refrese	ng cake or an anger consequent			e promote i promote pre	e morae experient, and the co
X RCRA Exem RCRA Non- characteristics es amended. The for MSDS Infor	Exempt: O tablished in the lowing do mation	il field waste n RCRA reg ocumentation _ RCRA Ha	e which is no ulations, 40 on is attached azardous Was	on-hazardous CFR 261.21- to demonstra ste Analysis	that does not e. 261.24 or listed te the above-de Process K	xceed the r I hazardous escribed wa nowledge	minimum stand s waste as defir aste is non-haza Other (Pr	ards for waste ned in 40 CFR, ardous. (Check ovide descripti	hazardous by part 261, sul the appropri on above)	opart D, as ate items):	
		1.0			R360 R	epresenta	ative Signatu	re			
Driver/ Agent S	ignature	* 17									
	ignature	* 1" .									

pproved By:	[Date:	

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MANIFEST# 23

SHIPPING FACILITY NAME	& ADDRESS:
ConocoPhillips Company	
600 N. Dairy Ashford Rd, Housto	on, TX 77079
Attn. Neal Goates	-,,,
N.Goates@conocophillips.com	1.0131
832.486.2425	API# 30-025-42896
	. · · · · · · · · · · · · · · · · · · ·
LOCATION OF MATERIAL:	
ConocoPhillips Co.	
	1
Section 32 Township 15 Court	the 27 Fed Com 214
Section 32 Township 17 South Lea County, New Mexico	- Range 35-East,
Lea County, New Mexico	٠ کـــ
TRANSPORTER NAME AND	ADDRESS:
3.6.37.34 w	
McNabb Partners	
4008 N. Grimes	
Hobbs, New Mexico 88240	
575.397.0050	
DESCRIPTION OF WASTE:	
Impacted Soil	QUANTITY:
•	Zoyards
FACILITY CONTACT:	
Date:	Signature of Contact
	Signature of Contact:
6/8/18	(Agent for ConocoPhillips)
NAME OF TRANSPORTER (5)	
NAME OF TRANSPORTER (D	river):
Date: 6-8-11	
Date: 6-0-13	Signature Driver:
DISPOSAL SITE:	
R360	
P.O. Box 388	
Hobbs, New Mexico 88241	
1 0.0	_
Date: 0/9/14	Representative (A)
W O'LO	Signature
	Orginature V



M	Customer:
	Customer #:
	Ordered by:
32 A	

stomer

dered by: AFE #:

Manifest #: Manif. Date: 6/8/2018

Hauler: Driver Truck #

PO #:

MCNABB PARTNERS JOSH M79

Card# Job Ref# CONOCOPHILLIPS

CRI2190 **CLINT MERIT**

Bid #: Date:

Ticket #:

700-900809 O6UJ9A0009Z1

6/8/2018 Generator: CONOCOPHILLIPS

Generator #: Well Ser. #:

Well Name:

42896L

BATTLE AXE 27 FEDERAL COM

Well #: 002H

Field:

Field #:

Rig: NON-DRILLING LEA (NM) County

Facility: CRI Product / Service Quantity Units Contaminated Soil (RCRA Exempt) 20.00 yards MR/HR Cond. %Solids TDS PCI/GM Weight H2S % Oil Lab Analysis: **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!

t6UJ9A0102U5

Approved By:

MANIFEST# 14 SHIPPING FACILITY NAME & ADDRESS: Company: Rattle Ire 27 Fed CON 24 Address: Project Lead: LOCATION OF MATERIAL: API# 30-25-47896 Co NA Location: Le-Company: 🗢၀ 🕫 27 26 JZ Lea County, New Mexico TRANSPORTER NAME & ADDRESS: McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240 **DESCRIPTION OF WASTE:** Impacted Soil Quantity: 20 sar 41 **FACILITY CONTACT:** Date: Contact Signature: 6/8/15 (Agent for ConocoPhillips) NAME OF TRANSPORTER: (Driver) Date: Driver Signature: 6818 **DISPOSAL SITE:** Name of Disposal: Address: Date: Representative Signature:



Customer:	CONOCOPHILLIPS	Ticket #:	700-900810
Customer #:	CRI2190	Bid #:	O6UJ9A0009Z1
Ordered by:	CLINT MERIT	Date:	6/8/2018
AFE#:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	15	Well Ser. #:	42896L
Manif, Date:	6/8/2018	Well Name:	BATTLE AXE 27 FEDERAL COM
Hauler:	MCNABB PARTNERS	Well #:	002H
Driver	LFO	Field:	

Field #:

County

Rig:

NON-DRILLING

LEA (NM)

Facility: CRI Product / Service Quantity Units 18.00 yards Contaminated Soil (RCRA Exempt) % Oil CI %Solids **TDS** PCI/GM MR/HR H2S Weight Cond. Lab Analysis: 50/51 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:

Truck #

Card#
Job Ref#

M32

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	general de la companya de la compan Caracteria de la companya de la com Caracteria de la companya de la comp	R360 Representative Signature	The second second results of the second seco

Customer Approval

THIS IS NOT AN INVOICE!

Approved By:	Date:	

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IANIFEST#_/5	-
DRESS:	APIH: 30-25-4284
27 Fed Con	
76 R_	す を
SS:	
Quantity:	18525
Contact Signature: (Agent for ConocoPhillips)	Chafferto
er)	
Driver Signature:	Luna
Representative Signature:	
	Contact Signature: (Agent for ConocoPhillips) Priver Signature: Representative



Customer Approval

Approved By:

Customer:	CONOCOPHILLIPS	Ticket #:	700-900813
Customer#:	CRI2190	Bid #:	O6UJ9A0009Z1
Ordered by:	CLINT MERIT	Date:	6/8/2018
AFE#:		Generator:	CONOCOPHILLIPS
PO#:		Generator #:	
Manifest #:	16	Well Ser. #:	42896L
Manif, Date:	6/8/2018	Well Name:	BATTLE AXE 27 FEDERAL COM

Well#:

Field:

Rig:

Field #:

County

002H

NON-DRILLING

LEA (NM)

Facility: CRI Quantity Units Product / Service Contaminated Soil (RCRA Exempt) 20.00 yards MR/HR Weight PCI/GM H2S % Oil Cond. %Solids TDS 0.00Lab Analysis: **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

THIS IS NOT AN INVOICE!

MCNABB PARTNERS

HOWARD

M78

Hauler:

Driver Truck #

Card#

Job Ref#

t6UJ9A0102UB 6/15/2018 10:28:48AM

M.	ANIFEST#
SHIPPING FACILITY NAME & ADI	DRESS:
Company: 200 Address: Project Lead: Badle Axe 27	AP1#30-25-4229
LOCATION OF MATERIAL:	
Location: Company:	
s <u>77</u> t	26 R J2
Lea County, New Mexico	
TRANSPORTER NAME & ADDRE	SS:
McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240	
DESCRIPTION OF WASTE:	
Impacted Soil	Quantity:
FACILITY CONTACT:	
Date: 6/8/, 4	Contact Signature: (Agent for ConocoPhillips)
NAME OF TRANSPORTER: (Drive	or) All
Date: 68/8	Driver Signature:
DISPOSAL SITE:	
Name of Disposal: Address:	
Date: 6-8-18	Representative Signature:



Customer:	CONOCOPHIL		
Customen#	CD12400		

Customer #: Ordered by:

URIEL

M81

AFE #: PO#:

Manifest #: 17 Manif. Date: 6/8/2018

Hauler: Driver

Truck # Card# Job Ref# LIPS

CLINT MERIT

MCNABB PARTNERS

Generator:

700-900819 O6UJ9A0009Z1

Date: 6/8/2018

CONOCOPHILLIPS

Generator #:

Ticket #:

Bid #.

Well Ser. #: 42896L Well Name:

BATTLE AXE 27 FEDERAL COM

Well #: 002H

Field: Field #:

Rig:

R360 Representative Signature

NON-DRILLING LEA (NM) County

Facility: CRI

Product / Servi	ce		programa Talent Militar			Q	uantity Uni	ts	garanga salah jeografi di Kal Salah salah salah jeografi di Kal	er wysie in Francisch in deutsche Steine Pro- Leine von deutsche Leiter von deutsche Steine in der	i de la companya de La companya de la co
Contaminated	Soil (RCR	A Exempt)				20.00 yard	ds			
	Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	n	· · · · · · · · · · · · · · · · · · ·					

THIS IS NOT AN INVOICE!

Generator Certification Statement of Waste Status

Driver/ Agent Signature

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): MCDC Information

_ MSDS mornation	_ KCKA Hazardous waste Analysis	_ Flucess Knowledge	_ Other (Provide description above)

Customer Approval

Approved By:		Date:	
1.1	<u> </u>	D'OLCO!	

MANIFEST#_ノフ 461A 30-052 SHIPPING FACILITY NAME & ADDRESS: Company: 🗢 🤊 -42896 Axe 27 Fee Address: Project Lead: **LOCATION OF MATERIAL:** Location: Company: 76 2.5 Lea County, New Mexico **TRANSPORTER NAME & ADDRESS:** McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240 **DESCRIPTION OF WASTE:** Impacted Soil Quantity: 20341 **FACILITY CONTACT:** Contact Signature: Date: Contact Signature:
(Agent for ConocoPhillips) 6/8/18 NAME OF TRANSPORTER: (Driver) Driver Signature: Date: **DISPOSAL SITE:** Name of Disposal: Address: Representative Date: Signature:



Customer:	CONOCOPHILLIPS	Ticket #:	700-900820
Customer#:	CRI2190	Bid #:	O6UJ9A0009Z1
Ordered by:	CLINT MERIT	Date:	6/8/2018
AFF #·		Generator:	CONOCOPHILLIPS

PO #: Generator #:

Manifest #: 18 Well Ser. #: 42896L

Manif. Date: 6/8/2018 Well Name: BATTLE AXE 27 FEDERAL COM

Hauler: MCNABB PARTNERS Well #: 002H
Driver JOE Field:

 Truck #
 M82
 Field #:

 Card #
 Rig:
 NON-DRILLING

 Job Ref #
 County
 LEA (NM)

Facility: CRI Quantity Units Product / Service Contaminated Soil (RCRA Exempt) 20.00 yards Cond. %Solids TDS PCI/GM MR/HR H2S % Oil Weight Lab Analysis: 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) R360 Representative Signature Driver/ Agent Signature **Customer Approval**

THIS IS NOT AN INVOICE!

Approved By:		Date:	
ippioreu by.			

t6UJ9A0102UO 6/15/2018 10:28:49AM

478

TRANSPORTER'S MANIFEST

N. C.	MANIFEST # _/&
SHIPPING FACILITY NAME & AD	
Company: COP Address: Bable (ve	AP1#:30.05 27 Fed CoM 214
LOCATION OF MATERIAL:	
Location: Company:	
s 73 T	R 37
Lea County, New Mexico	
TRANSPORTER NAME & ADDRI	ESS:
McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240	
DESCRIPTION OF WASTE:	
Impacted Soil	Quantity: 20 yards
FACILITY CONTACT:	
Date: 6/8/18	Contact Signature: (Agent for ConocoPhillips)
NAME OF TRANSPORTER: (Driv	rer)
Date: 6-8-18	Driver Signature:
DISPOSAL SITE:	•
Name of Disposal: Address: Date:	Representative Signature:



F360 NVIRONMENTAL SOLUTIONS	Customer: Customer #; Ordered by: AFE #: PO #: Manifest #: Manif. Date:	CONOCOPHILLIPS CRI2190 CLINT MERIT 20 6/11/2018	
ormian Daniu	Hauler:	MCNABB PARTNERS	

MCNABB PARTNERS JOE M82

Truck # Card# Job Ref#

Driver

Ticket #: 700-901677 Bid #: O6UJ9A0009Z1 Date: 6/11/2018 Generator: CONOCOPHILLIPS Generator #:

Well Ser. #: 42896LEA Well Name: BATTLE AXE 27 FEDERAL COM

Well#: 002H Field:

Field #: Rig: NON-DRILLING LEA (NM) County

-,, -0111	ce	e gran en estado espais e e e e e e e e estado estado estado en	er som er en sanger. Nord for 20 oktober 1112	جود چهامد داری در در در در آزاد داد کنید داد در درگذارد	men meneren general ge General general	Q	uantity Uni	is ::			s year or en en e en colos de de colo
Contaminated -							20.00 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						
X RCRA Exem RCRA Non-learn RCRA Non-learn RCRA Non-learn RCRA Non-learn RCRA RCRA RCRA RCRA RCRA RCRA RCRA RCR	Exempt: Oi ablished in llowing do nation _	l field wast RCRA reg cumentation RCRA Ha	e which is no ulations, 40 (n is attached a zardous Was	n-hazardous CFR 261,21-, to demonstra te Analysis	that does not en 261.24 or listed te the above-de Process K	xceed the n I hazardous escribed wa nowledge	ninimum stand s waste as defin ste is non-haza Other (Pro	ards for waste ed in 40 CFR, rdous. (Check ovide descripti	hazardous by part 261, sub the appropri on above)	ppart D, as ate items):	
Driver/ Agent S	ignature				R360 R	epresenta	ıtive Signatuı	ntentrept i per el ent 10 pyllevint per t	erag desagner in Little in desagner in de	er en	ey. Marin san san s

Date:

Approved By:

MANIFEST # 26

SHIPPING FACILITY NAME & A	DDRESS:
Company: COP Address: Bath Are 2 Project Lead: Clint Month	7 Fol Con 24 API# 30-025-42896
LOCATION OF MATERIAL:	
Location: Company:	
s 27 T	765 R 32E
Lea County, New Mexico	
TRANSPORTER NAME & ADDR	RESS:
McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240	
DESCRIPTION OF WASTE:	
Impacted Soil	Quantity: 202015
FACILITY CONTACT:	
Date: 6/11/18	Contact Signature: (Agent for ConocoPhillips)
NAME OF TRANSPORTER: (Dr	iver)
Date: 6-11-18	Driver Signature:
DISPOSAL SITE:	
Name of Disposal:	_
Address: Date: 6, 11.17	Representative Signature:



Customer:	CONOCOPHILLIPS
Citetomar #	CRI2190

Customer #: CRI2190
Ordered by: CLINT MERIT

AFE #: PO #:

Manifest #: 21

Manif. Date: Hauler: Driver 6/11/2018 MCNABB PARTNERS

Driver HOWARD Truck # M78

Card# Job Ref# Ticket #: 700-901771
Bid #: 06UJ9A0009Z1
Date: 6/11/2018

Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: 42896L Well Name: BATTLE

: BATTLE AXE 27 FEDERAL COM

002H

Well #: Field:

Field #: Rig:

NON-DRILLING

County LEA (NM)

Facility: CRI											
Product / Servi	ce			an e an e an e an e an		Q	uantity Uni	ts	t tale and tale and Switch tale and tale and		
Contaminated !	Soil (RCR	A Exempt)				20.00 yar	ds			
	Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0			*.		0	
Generator Certify the 1988 regulatory of X RCRA Exem RCRA Non-Ficharacteristics est amended. The form MSDS Inform	at accordi eterminati pt: Oil Fie Exempt: O ablished in Ilowing do nation	ng to the Re on, the above Id wastes ge il field waste n RCRA reg reumentatio RCRA Hi	esource Considered described from the embedding of the em	ervation and waste is: n oil and gas on-hazardous CFR 261.21- to demonstra ste Analysis	Recovery Act (exploration and that does not e. 261.24 or listed the above-de Process K	RCRA) and production accept the relationship in the relationship i	n operations ar minimum stanc s waste as definate is non-haz Other (Pr	d are not mixe lards for waste led in 40 CFR, ardous. (Check ovide descripti	d with non-enthazardous by part 261, subthe approprion above)	cy's July xempt wasto y bpart D, as ate items):	€.
Driver/ Agent S	ignature				R360 R	epresenta	ative Signatu	re 'a service	Amerikan di Karamatan Amerikan di Karamatan Bermanakan di Karamatan		e (1776 to the early of the ear
Customer Appr	oval	and the second of the second o			Ü.				* · · · · · · · · · · · · · · · · · · ·	,	
				i HIS	IS NOT	ANIN	MOICE				

Date:

Approved By:

	MANIFEST # 21	
SHIPPING FACILITY NAME	& ADDRESS:	APIX
Company: COP Address: Whith Axe Z Project Lead: Clint Lexi	7 Fed Con TH	AP1+ 30-025-4289
LOCATION OF MATERIAL:		
Location: Company:		
s 27	T 245 R 5	25
Lea County, New Mexico	,	
TRANSPORTER NAME & A	DDRESS:	4000.00.00
McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240		
DESCRIPTION OF WASTE:		
Impacted Soil	Quantity: 204asus	
FACILITY CONTACT:	•	
Date: 6/11/8	Contact Signature: (Agent for ConocoPhillips)	
NAME OF TRANSPORTER:	/3 /	
Date: 61/18	Driver Signature:	12
DISPOSAL SITE:		
Name of Disposal: Address:		
Date:	Representative Signature:	



9Z1
IILLIPS
27 FEDERAL COM
NG

Product / Servi	ce		The second secon		e de la compansa de l	Q	uantity Unit	S	y mayer minya. Waliotaka wasan		
Contaminated \$	Soil (RCR	A Exempt)				20.00 yard	ls			
	Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						
		_			Recovery Act	(RCRA) ar	nd the US Envi	ronmental Pro	tection Agen	cy's July	
1988 regulatory d X RCRA Exem RCRA Non-I characteristics est amended. The fo MSDS Infort Driver/ Agent S	leterminati pt: Oil Fie Exempt: O ablished in Ilowing do nation	on, the above the control of the con	re described enerated from e which is no ulations, 40 in is attached exardous Wa	waste is: n oil and gas on-hazardous CFR 261.21- to demonstra ste Analysis	exploration and that does not e 261.24 or listed ate the above-do	(RCRA) and production become the second the second the second the second with the second	on operations an minimum stand as waste as defin aste is non-haza	d are not mixe ards for waste ed in 40 CFR, irdous. (Check ovide descripti	d with non-e hazardous by part 261, su the appropri ion above)	xempt waste v bpart D, as ate items):	

Date: _

t6UJ9A010553 6/15/2018 10:28:51AM

Approved By:

MANIFEST # 22

SHIPPING FACILITY NAME & AD	A-VIII
Company: COP Address: Duffle Are 27 Fed Project Lead: Chrt Mark	1 Con ZA 30-025-47289
LOCATION OF MATERIAL:	
Location: — Company:	
s 27 T 2	265 R 325
Lea County, New Mexico	
TRANSPORTER NAME & ADDRE	SS:
McNabb Partners	
4008 N. Grimes #270 Hobbs, NM 88240	
DESCRIPTION OF WASTE:	
Impacted Soil	Quantity: 2 asords
FACILITY CONTACT:	
Date:	Contact Signature:
6/11/18	(Agent for ConocoPhillips)
NAME OF TRANSPORTER: (Drive	т)
Date: 6-11-18	Driver Signature:
DISPOSAL SITE:	
Name of Disposal: Address: Date:	Representative Signature:



Job Ref#

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-901974
Customer #:	CRI2190	Bid #:	O6UJ9A0009Z1
Ordered by:	CLINT MERIT	Date:	6/12/2018
AFE#:		Generator:	CONOCOPHILLIPS
PO #:		Generator#:	
Manifest #:	23	Well Ser, #:	42896L
Manif, Date:	6/12/2018	Well Name:	BATTLE AXE 27 FEDERAL COM
Hauler:	MCNABB PARTNERS	Well #:	002H
Driver	HOWARD	Field:	
Truck #	M78	Field #:	
Card#		Rig:	NON-DRILLING

Rig:

County

LEA (NM)

2	ce	e and the second	and recover on the	mantyri i a i i i i i i sem Janan Mendada i i i i i i i i	n en andre de sperijegerseeren a Hann in antste ander in andre so	Q	uantity Uni	ts in the second	. Nemes and enter all enter an	and the second of the second	
Contaminated	Soil (RCR	A Exempt)				20.00 yard	is			
	Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0			,		0	
X RCRA Exem RCRA Non-l characteristics es	pt: Oil Fie Exempt: O tablished in	d wastes ge l field wast RCRA reg	nerated from e which is no ulations, 40 (1 is attached	oil and gas on-hazardous CFR 261.21- to demonstra	that does not e 261.24 or listed te the above-de	xceed the n I hazardous escribed wa	ninimum stand s waste as defin aste is non-haza	ards for waste ed in 40 CFR, ardous. (Check	hazardous by part 261, sul the appropri	opart D, as).
amended. The for MSDS Information MSDS Information Driver/ Agent S	mation _										

Date:

Approved By:

	MANIFEST # 23
SHIPPING FACILITY NAME	& ADDRESS:
Company: Cor Address: Ea the tre Project Lead: Clint her is	27 Fed Con 24
LOCATION OF MATERIAL:	4/94
Location: Company:	20-025-4289
s_27	T 265 R 31E
Lea County, New Mexico	
TRANSPORTER NAME & A	DDRESS:
McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240	
DESCRIPTION OF WASTE:	
Impacted Soil	Quantity: Toscod
FACILITY CONTACT:	
Date: 6/12/18	Contact Signature: (Agent for ConocoPhillips)
NAME OF TRANSPORTER:	(Driver)
Date: 47218	Driver Signature:
DISPOSAL SITE:	
Name of Disposal: Address: Date:	Representative Signature:



<u> </u>	
	Customer
	Customer
	Ordered b
7	AFE#:

CONOCOPHILLIPS

CRI2190 **CLINT MERIT**

PO #:

Manifest #:

Manif, Date: Hauler:

JOE M82

Card# Job Ref#

Driver

24 6/12/2018

MCNABB PARTNERS

Truck #

Ticket #: Bid #:

700-901975 O6UJ9A0009Z1

6/12/2018 Date:

Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: Well Name: 42896L

BATTLE AXE 27 FEDERAL COM

Well #: 002H

Field:

Field #: Rig:

County

NON-DRILLING LEA (NM)

Facility: CRI

Product / Service Quantity Units												
Contaminated Soil (RCRA Exempt)					20.00 yards							
	Cell	рH	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight	
I ab Analysis:	50/51	0.00	0.00	0.00	0			•				

Generator Certification Statement of Waste Status

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

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

Driver/ Agent Signature	R360 Representative Signature
Customer Approval	en er

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Approved By:	Date:	

t6UJ9A0105N0 6/15/2018 10:28:52AM

MANIFEST # 24 SHIPPING FACILITY NAME & ADDRESS: API# 30-025-4286 Сотралу: Address Tate AL 27 Fil COM ZK Project Lead: aint worth LOCATION OF MATERIAL: Location: Company: R 32を Lea County, New Mexico TRANSPORTER NAME & ADDRESS: McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240 **DESCRIPTION OF WASTE:** Impacted Soil Quantity: 20swell **FACILITY CONTACT:** Date: Contact Signature: 14hort 6/.0/18 (Agent for ConocoPhillips) NAME OF TRANSPORTER: (Driver) Date: Driver Signature: 4-12-18 **DISPOSAL SITE:** Name of Disposal: Address: Date: Representative Signature:



Customer: CONOCOPHILLIPS Customer#:

CRI2190 **CLINT MERIT**

25

6/12/2018 MCNABB PARTNERS

Driver Truck #

Ordered by:

Manifest #:

Manif, Date:

AFE #:

PO#:

Hauler:

JOSH M79

Card# Job Ref# Ticket #: Bid #:

700-902029 O6UJ9A0009Z1

Date: 6/12/2018 Generator: CONOCOPHILLIPS

Generator #:

Well Name:

Well Ser. #: 42896LEA

BATTLE AXE 27 FEDERAL COM

Well#: 002H

Field: Field #:

Rig:

NON-DRILLING

County LEA (NM)

Product / Serv	Ce ··	· · · · · · · · · · · · · · · · · · ·	And the second strength	ra a mara ya manganta sa mara	The second second page 18, 200	0	uantity Uni	to	e and eliciped	and might be the desire	in programmes are demonstrated in a second control of the second c
Contaminated				eren a daliba a ana	ر د د د د گولود پاکلید د به عدید	in and supplied the	20.00 yar		werdertaling Eletis	ger filter Allegereite	glander i der eller sette
	Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0				****		
X RCRA Exem RCRA Non- characteristics es umended. The for MSDS Inform Driver/ Agent S	Exempt: O ablished in lowing do nation	il field waste RCRA regional cumentation RCRA Ha	e which is no ulations, 40 (n is attached zardous Was	on-hazardous CFR 261.21- to demonstra ste Analysis	that does not ex 261.24 or listed to the above-do	xceed the notes that the second was nowledge	ninimum stand s waste as defin ste is non-haza Other (Pr	ards for waste ned in 40 CFR, urdous. (Check ovide descripti	hazardous by part 261, sul the appropri on above)	opart D, as ate items):	

Date:

Approved By:

MANIFEST# 25

SHIPPING FACILITY NAME 8	
Company: COP Address: Restle Are 27 Project Lead: Cli-+ Merit	APIH 30-025-42896 Fed Com 24
LOCATION OF MATERIAL:	
Location: Company:	
s 27 T	265 R 32E
Lea County, New Mexico	÷
TRANSPORTER NAME & AD	DRESS:
McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240	
DESCRIPTION OF WASTE:	
Impacted Soil	Quantity: 205~ds
FACILITY CONTACT:	
Date: 6/12/18	Contact Signature: (Agent for ConocoPhillips)
NAME OF TRANSPORTER: (E	Driver)
Date: 6/2/8	Driver Signature:
DISPOSAL SITE:	
Name of Disposal: Address: Date: 4 · 12 · 18	Representative Classics Signature:



Facility: CRI

Customer Approval

Customer:

Customer #: Ordered by:

AFE#: PO #:

Manifest #: Manif. Date:

Hauler:

Driver Truck #

Card# Job Ref# CONOCOPHILLIPS

CRI2190 **CLINT MERIT**

310479 6/12/2018

MCNABB PARTNERS **HOWARD**

M78

Ticket #: Bid #:

700-902079 O6UJ9A0009Z1

6/12/2018 Date:

Generator: CONOCOPHILLIPS Generator #:

Well Ser. #:

42896LEA Well Name: BATTLE AXE 27 FEDERAL COM

Well#: 002H

Field: Field #:

Rig:

NON-DRILLING

LEA (NM) County

Product / Servi	ce	tating september on an order Self-up an order of september of	e generalis en	engenne er og er engelski katologi	e de la compania del compania del compania de la compania del compania de la compania del compania de la compania de la compania de la compania de la compania del compania		uantity Uni	ts	tak aktor tit i velit. Konstalla laksisti	and and a second second	nna. Salaharan 1908 salahan keri
Contaminated Soil (RCRA Exempt)						20.00 yards					
	Cell	рΗ	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0		-	•		,	
The control for the control of the c		TO HE THEREIN CONTINUES IN	. #4.V-5								

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:

- \underline{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	
		_
THE CONTRACT WAS A SECOND CONTRACT OF THE CONT		

THIS IS NOT AN INVOICE!

R369	NEW MEXICO NON-HAZARD ' (PLEA	വ്ധുs OILFIELD WASTE MA (SE PRINT)	NIFEST Company Name	Man Contact Information
	GENI	ERATOR	NO. 3104	7.0
Operator No. COC		Permit/RRC No.	2IU4	1.3
·		Lease/Well	Battle are 2	That son
Operators Name		Name & No.	Dallacea	Tree Com
Address		County API No.	20 -025 - 4a	83PVIT
City, State, Zip		Rig Name & No.	<u> </u>	<u> </u>
Phone No.		AFE/PO No.		
	AP Waste/Service Identification and Amoun		tuna in harrais as cubicivaseds)	
Oil Based Muds	NON-INJECTABLE WATERS		ECTABLE WATERS	
Oil Based Cuttings	Washout Water (Non-Injectable)	W	ashout Water (Injectable)	
Water Based Muds Water Based Cuttings	Completion Fluid/Flow back (Non-injectal Produced Water (Non-injectable)		mpletion Fluid/Flow back (Injectable) oduced Water (Injectable)	
Produced Formation Solids	Gathering Line Water/Waste (Non-injecta		athering Line Water/Waste (Injectable)	
Tank Bottoms E&P Contaminated Soil	Truck Washout (exempt waste)	OT	HER EXEMPT WASTES (type and generation	process of the waste)
Gas Plant Waste	(ruck washout (exempt waste)			
WASTE GENERATION PROCESS:	DRILLING COM	PLETION PR	ODUCTION GATHI	ERING LINES
Allnes over		ervice Identification and Amount		
Non-Exempt Other	E&P waste must be analysed and be below the th		gnitability, corrosivity and Reactivity. Von-Exempt Waste List on back	
Non-Exempt Other		pieuse select from 1	von-Exempt waste List on Dack	
QUANTITY 30	B - BARRELS	L - LIQUIÐ	Y - YARDS	E - EACH
RCRA NON-EXEMPT: load basis RCRA NON-EXEMPT: Oil field wa 261.21-26: hazardous MSDS Info EMERGENCY NON-OILFEILD: detarmina (PRINT) AUTHORIZED AGENTS NAME Transporter's Name Address Phone No.	ste which is non-hazardous that does not exceed 1.24, or listed hazardous waste as defined by 40 CF is attached. (Check the appropriate items as provirmation RCRA Hazardous Waste when the companies of the master of the companies of the companies of the waste must accompanies of the waste must accompanie of the waste waste of the waste waste waste of the waste waste of the waste waste of the waste o	the minimum standards for waste (R, part 261, subpart D, as amended) Analysis Othordered by the Department of Put y this form) DATE SPORTER Driver's Name Print Name Phone No. Truck No. d above and delivered without income delivered without in	hazardous by characteristics established at. The following documentation demons the (Provide Description Below) Dilic Safety (the order, documentation of resident to the disposal facility listed below)	in RCRA regulations, 40 CFR trating the waste as non-
TRUCK TIME STA	MP DISPOSA	AL FACILITY	RECEIVING A	REA
IN:OUT:			Name/No. 50/5	<i>:[</i>
Site Name/		No No.		1
Permit No. Halfway Facility / NM1-006		Phone No. 575	5-393-1079	
Address 6601 Hobbs Hwy US 62/180	Mile Marker 66 Carisbad, NM 88220			
NORM READINGS TAKEN? (Circl PASS THE PAINT FILTER TEST? (Circl		If YES, was reading >	50 micro roentgens? (circle one)	yes no
	TANK	BOTTOMS		
Feet	Inches	n.a	DDIC 0 I	241/0/2
1st Gauge 2nd Gauge		BS&W/	BBLS Received BS8 Free Water	W (%)
Received			Total Received	
I hereby certify that the above load materia	has been (cirde offe): CCCEPTED D	ENIED If denied, why?	Janul.	W-

C-138

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



Customer:	CONOCOPH					
Customer#:	CRI2190					

Ordered by: CLINT MERIT

JOE

M82

AFE#: PO #:

Manifest #: 310563 6/12/2018 Manif. Date:

Hauler: Driver Truck #

Card# Job Ref# ILLIPS

MCNABB PARTNERS

Generator: Generator #:

> Well Ser. #: Well Name:

Ticket #:

Bid #:

Date:

42896LEA BATTLE AXE 27 FEDERAL COM

700-902091

6/12/2018

O6UJ9A0009Z1

CONOCOPHILLIPS

Well #: 002H

Field:

Field #:

Rig: County

NON-DRILLING LEA (NM)

Facility: CRI

Lab Analysis: Ce 50/5	- P-1-1	Cl	Cond.	%Solids						
	0.00			7050HUS	TD\$	PCI/GM	MR/HR	H2S	% OII	Weight
I des verminantes es		0.00	0.00	0						
Generator Certification I hereby certify that acc	on Statemer	nt of Waste S Resource Cons	tatus ervation and	Recovery Act	(RCRA) an	d the US Envi	onmental Proj	ection Agend	enemente protection Control to the control of the	
1988 regulatory determine				110007013 2101 ((NOTO 1) an	a me os min	omnemar i joi	cotton Agent	cy s sury	
X RCRA Exempt: Oil	Field wastes	generated from	oil and gas	exploration and	production	n operations and	d are not mixe	d with non-ex	xempt waste	
_ RCRA Non-Exemp characteristics establish	t: Oil field wa ed in RCRA n	iste which is no equiations: 40 (n-hazardous CER 261 21	that does not e	xceed the r	ninimum standa	ards for waste	hazardous by	/ 	
amended. The followin	g documentat	ion is attached	to demonstra	te the above-de	scribed wa	s wasie as deim iste is non-haza	rdous. (Check	the appropri	opart D, as ate items):	
_ MSDS Information	_ RCRA	Hazardous Was	ste Analysis	_ Process K	nowledge	_ Other (Pro	vide descripti	on above)	····,·	
Driver/ Agent Signat	ire	a ara a sasarana A. A. A.		Daen D	anracant	stivo Clanatur	Name takan	e. No a satisfied		
and a state of the	er Marie (aliabea)	e in enturé artes in unu in			chicaciiis	iniae Signatui				

THIS IS NOT AN INVOICE!

Date:

Approved By:



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

Name	Combany Man Contact Informatio

salvaans 💙			Phone No	
· · · · · · · · · · · · · · · · · · ·		GENERATOR	No. 31	0563 e. 27 Fe. I Ca
Operator No.		Permit/RRC N	0.	
S		Lease/Well Name & No.	Rottle An	027 Feb Con
Operators Name		•	122-10	<u> </u>
ddress		County		
		API No.		
City, State, Zip		Rig Name & N	0.	
hane Na.		AFE/PO No.		
EXEMPT E&F	Waste/Service Identification an	d Amount (place volume next to	o waste type in barrels or cubic yard	is)
Oil Based Muds	NON-INJECTABLE WATERS Washout Water (Non-Injectable		INJECTABLE WATERS Washout Water (Injectable)	
Oil Based Cuttings Water Based Muds	Completion Fluid/Flow back (No		Completion Fluid/Flow back (Inject	able)
Water Based Cuttings	Produced Water (Non-Injectable	-	Produced Water (Injectable)	table)
Produced Formation Solids	Gathering Line Water/Waste (N INTERNAL USE ONLY	lon-Injectable)	Gathering Line Water/Waste (Inject OTHER EXEMPT WASTES (type and go	
Fank Bottoms E&P Contaminated Soil	Truck Washout (exempt waste)	<u></u>	-	
Sas Plant Waste NASTE GENERATION PROCESS:	DRILLING [COMPLETION	PRODUCTION	GATHERING LINES
	NON-EXEMPT E8	P Waste/Service Identification and	Amount	ivltv
All non-exempt 9	&P waste must be analysed and be bu		(TCLP), Ignitability, Corrosivity and React of from Non-Exempt Waste List on back	
	B - BARRELS	L - LIQUID	A (ARDS)	E - EACH
QUANTITY hereby certify that according to the Resource Co	= **		- Accomile tyly 1000 regulatory determin	action, the above described waste
261.21-261. hazardous is MSDS Infor	24, or listed hazardous waste as defin s attached. (Check the appropriate itel mation RCRA Hazard	ed by 40 CFR, part 261, subpart 0, as ms as provided) lous Waste Analysis ut has been ordered by the Departme	or waste hazardous by characteristics est is amended. The following documentation Other (Provide Description Below) ent of Public Safety (the order, document	demonstrating the waste as non-
(PRINT) AUTHORIZED AGENTS NAME		DATE	SIG	NATURE
		TRANSPORTER		
Address	s Partners	Driver's Nam Print Name Phone No. Truck No.	M82	
Phone No. 3D				and bolow
I hereby certify that the above named material(i) was/were picked up at the Generati	or's site listed above and delivered w	2. 18	<u> </u>
SHIPMENT DATE	DRIVER'S SIGNATURE		DELIVERY DATE	ORIVER'S SIGNATURE
TRUCK TIME STA	MP DI	SPOSAL FACILITY		ING AREA
			Name/No.	5018
			<u> </u>	
Site Name/ Bermit No. Halfway Facility / NM1-006		Phone No.	575-393-1079	
Telline (vo.	Mile Marker 66 Carlsbad, NM 88220			
	<i>1</i> \	If YES. was	reading > 50 micro roentgens? (circle on	e) YES (NO)
NORM READINGS TAKEN? (Circ		NO	· -	
PASS THE PAINT FILTER TEST? (Circ	e One) (CES			
	4	ANK BOTTOMS		
Feet	Inches		BS&W/BBLS Received	BS&W (%)
1st Gauge			Free Water	
2nd Gauge			Total Received	
Received		7		
I hereby certify that the above load materia	I has been (circle one): ACCEPT	DENIED If denied	l, why?	
<u> </u>	6-17-	1 cens	Cler	<u> </u>
Manan	DATE	TITLE	S	GNATURE

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

C-138



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r

Customer: Customer #:

CRI2190 Ordered by:

AFE#: PO #:

Manifest #: Manif. Date:

Hauler: Driver Truck #

Card # Job Ref# CONOCOPHILLIPS

CLINT MERIT

6/12/2018 MCNABB PARTNERS

JOSH M79

Ticket #: Bid #:

700-902093 O6UJ9A0009Z1 6/12/2018

Date: Generator: CONOCOPHILLIPS

Generator #: Well Ser. #:

42896LEA Well Name: BATTLE AXE 27 FEDERAL COM

002H

Well#: Field:

Field #: Rig:

NON-DRILLING LEA (NM) County

Facility: CRI

Product / Servi	ce	ii baa Yiii ii A	Aliman Sambara a	ali alika da kaba da k Kababaran da kababaran da kababa	: Distriction of the Source Co.	jih nashari Q i	uantity Uni	ts	Las Alexander Diagram		
Contaminated Soil (RCRA Exempt)					20.00 yards						
	Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification 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 Signatu	ıre	R360 Rej	presentative Sigr	nature	n de la companya de l La companya de la companya de	lika ing pangangan pangangan Kalang pangangan pangangan Kalang pangangan
Customer Approval						

THIS IS NOT AN INVOICE!

Approved By:	Date:
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MANIFEST # 28 SHIPPING FACILITY NAME & ADDRESS: Company: Copp 30-075-47896 Address: That Axe 27 Fed Can ZH **LOCATION OF MATERIAL:** Location: Company: s スプ T 38 268 JZE Lea County, New Mexico TRANSPORTER NAME & ADDRESS: McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240 **DESCRIPTION OF WASTE:** Impacted Soil Quantity: ZOSAM(**FACILITY CONTACT:** Date: Contact Signature: 6/12/14 (Agent for ConocoPhillips) NAME OF TRANSPORTER: (Driver) Date: 6-12-18 Driver Signature: **DISPOSAL SITE:** Name of Disposal: Address: 6.12.18 Date: Representative Signature:



Facility: CRI

Customer:	CONOCOPHILL
0 ' "	0010400

Customer #: Ordered by:

AFE#:

PO #:

Manifest #: 30

Manif. Date: Hauler:

Driver

Card# Job Ref# JPS.

CRI2190 **CLINT MERIT**

Well Ser. #: 6/13/2018 Well Name:

MCNABB PARTNERS Well #: JOSH Field:

M79 Truck #

Field #:

Ticket #:

Generator:

Generator #:

Bid #:

Date:

Rig: NON-DRILLING

700-902314 O6UJ9A0009Z1

6/13/2018

42896L

002H

CONOCOPHILLIPS

BATTLE AXE 27 FEDERAL COM

LEA (NM) County

Product / Servi	Ce	i da jaron en	en y general Vario		6 d. 122	Q	uantity Uni	ts		en anderegnes vers 2002 – 18 verske her	e and compression was a second of the second	
Contaminated -	Soil (RCR	A Exempt))				20.00 yard	ds				
	Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight	
Lah Analysis:	50/51	0.00	0.00	0.00	n				 		***	•

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; O	il field waste which is non-hazardous tha	at does not exceed the min	ilimum standards for waste hazardous by
characteristics established in	n RCRA regulations, 40 CFR 261.21-26	1.24 or listed hazardous w	raste as defined in 40 CFR, part 261, subpart D, as
amended. The following do	cumentation is attached to demonstrate	the above-described waste	e is non-hazardous. (Check the appropriate items):
MSDS Information	RCRA Hazardous Waste Analysis	Process Knowledge	Other (Provide description above)

Driver/ Agent Signature	See and the second of the second	R360 Representative Signature	. Kaling a salah Alika da
		Mark	 _

Customer Approval

THIS IS NOT AN INVOICE!

Approved By:	 Date:	

	MANIFEST# 36	_
SHIPPING FACILITY NAME	& ADDRESS:	
Company: Cor Address: Both by 27 Project Lead: Clint burn's	Fed Con 2H	AP 1# 30-025-
LOCATION OF MATERIAL:	-	Harrier to the second s
Location: Company:		
s_77	7 765 R	32E
Lea County, New Mexico		
TRANSPORTER NAME & AE	DRESS:	
McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240		
DESCRIPTION OF WASTE:		
Impacted Soil	Quantity: Zozorek	
FACILITY CONTACT:		The state of the s
Date: 6/15/18	Contact Signature: (Agent for ConocoPhillips)	Colle les
NAME OF TRANSPORTER: (Driver)	
Date: 6-13-18	Driver Signature:	25 Juby
DISPOSAL SITE:		
Name of Disposal: Address: Date:	Representative Signature:	JN



Approved By:

Consultation of the Consul	
M	(
	(
	(
J	1
	_

Customer: CRI2190 Customer#:

Ordered by:

AFE#: PO #:

Manifest #: 29 Manif. Date:

Hauler: Driver Truck #

Card # Job Ref#

CONOCOPHILLIPS

CLINT MERIT

6/13/2018

MCNABB PARTNERS ACIE 80

Ticket #: Bid #:

700-902315 O6UJ9A0009Z1

Date: 6/13/2018 CONOCOPHILLIPS

Generator: Generator #:

Well Ser. #:

42896L Well Name:

BATTLE AXE 27 FEDERAL COM Well #: 002H

Field:

Field #:

Rig: NON-DRILLING

County

LEA (NM)

Product / Servi				and the second	and the first section of the section	ala da s e	uantity Uni		e di La dia Nava Nava Lina.	s in the considerable of	seed on the dis-
Contaminated:	Soil (RCF	RA Exempt)				20.00 yard	ds			
	Cell	рΗ	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						
Generator Cert	ification !	Statement	of Waste S	tatus			mericania. Propositional	gar in engleries		e of a common management inflormation	
Generator Cert I hereby certify the	nat accordi	ng to the Re	Source Cons	ervation and	Recovery Act	(RCRA) or	d the UC Envi	ronmontal Prot	notion Agan	ordo Tulz	e e e e e e
1988 regulatory of					recovery Act	(ICICA) al	id the OB Lifyi	romnemar i ro	ection Agen	cy s July	
X RCRA Exem					exploration and	l productio	n operations an	d are not mixed	d with non-e	vemnt waste	
_ RCRA Non-l											,
characteristics est											
amended. The fo											
_ MSDS Inform											
				•	_		_ `	•	,		
Driver/ Agent S	ignature		in the first of th	The second second	R360 R	epresent	ative Signatu	re			1
										*** * * * * * *	
C								:	and the second		
Customer Appr	ovai		1					er er en e			
				ТЦІС	IS NOT	A NI IN	IVOICEI				

Date:

t6UJ9A0106H7 6/15/2018 10:28:55AM

MANIFEST # 29

Company: Cor Address: 27 A Project Lead:	MM #-
LOCATION OF MATERIAL:	
Location: Company:	
s 27 T	765 R 37E
Lea County, New Mexico	
TRANSPORTER NAME & ADDI	RESS:
McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240	
DESCRIPTION OF WASTE:	
Impacted Soil	Quantity: 20 yards
FACILITY CONTACT:	
Date: 6/13/14	Contact Signature: (Agent for ConocoPhillips)
NAME OF TRANSPORTER: (Dr	iver)
Date: 6-13-18	Driver Signature: Ha- Mayhur
DISPOSAL SITE:	
Name of Disposal:	
Address: 6-13, 18	Representative (



Facility: CRI

Customer:	CONOCOPHILL
A	ODI0400

Customer #: Ordered by:

AFE#: PO #:

Hauler:

Manifest #:

31

Manif. Date: MCNABB PARTNERS

Driver Truck #

Card# Job Ref# LIPS

CLINT MERIT

6/13/2018

HOWARD

M78

Ticket #:

700-902323 O6UJ9A0009Z1

Bid #: Date:

6/13/2018 Generator: CONOCOPHILLIPS

42896L

Generator #:

Well Ser. #:

Well Name: BATTLE AXE 27 FEDERAL COM

Well#: 002H

Field:

Field #: Ria:

NON-DRILLING LEA (NM)

County

Product / Service	CO PARTIES	mese, me, en me, me e e e Shaleta da dast	n etgenge med etnige Le 150 - 150 Letter	en de la constant de la colonia	er everyenmen en Jack I Lade van J. Ell.	Qı	uantity Uni	S . 100-200 (100-200)		symmetri serie krejerimi Zakana wasariba Musa	or galanga seri ga atanggan se sebaga Bir Selah se bilan kanasan se
Contaminated 5	Soil (RCR	A Exempt)					20.00 yard	ls			
	Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0	•					

Generator Certification Statement of Waste Status

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

- 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	are de la cida de la c La cida de la cida de l	R360 Representative Signa	ture	n in the second of the second
	 			
Customer Approval		om o marin e e e e e e e e e e e e e e e e e e e		

THIS IS NOT AN INVOICE!

Approved By:	Mark Control of the C	Date:	
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N	MANIFEST # 31
SHIPPING FACILITY NAME & AD	DRESS:
Company: Cop Address: Earth Ase 27 Project Lead: Club Avenist	API# 30-25=42816
LOCATION OF MATERIAL:	
Location: Company:	
s 27 T Z	R JZE
Lea County, New Mexico	
TRANSPORTER NAME & ADDRI	ESS:
McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240	
DESCRIPTION OF WASTE:	
Impacted Soil	Quantity: Zoswas
FACILITY CONTACT:	
Date: 6/13/18	Contact Signature: (Agent for ConocoPhillips)
NAME OF TRANSPORTER: (Driv	ver)
Date: 6/3/10	Driver Signature:
DISPOSAL SITE:	
Name of Disposal:	
Address: Date: (-13.18	Representative Signature:



Customer:	CONOCOPH
Customer #:	CRI2190

Ordered by:

AFE#: PO #:

Manifest #:

32 Manif. Date:

Hauler: Driver Truck #

Card# Job Ref# ILLIPS

CLINT MERIT

6/13/2018 MCNABB PARTNERS

JOE M82

Ticket #: Bid #:

700-902327 O6UJ9A0009Z1

Date: 6/13/2018 Generator: CONOCOPHILLIPS

Generator #:

Well Ser, #: 42896L

Well Name:

BATTLE AXE 27 FEDERAL COM Well#: 002H

Field:

Field #:

Rig:

NON-DRILLING

LEA (NM) County

Product / Servi									* *** d * *		a to the second of
Contaminated S	A Exempt)				20.00 yard	IS				
	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 Cert	fication s	Statement	of Waste S	tatus				ntone reen yan book ya		anger e de e	1 - 100
I hereby certify th	at accordi	ng to the Re	source Cons	ervation and	Recovery Act (RCRA) an	d the US Envi	ronmental Prot	ection Agen	cy's July	and the same
1988 regulatory d						•			Ū		
X RCRA Exem	pt: Oil Fie	ld wastes ge	nerated fron	oil and gas							•
X RCRA Exem RCRA Non-F	pt: Oil Fie Exempt: O	ld wastes ge il field wast	enerated fron e which is no	oil and gas on-hazardous	that does not e	xceed the r	ninimum stand	ards for waste	hazardous by	,	•
X RCRA Exem RCRA Non-I characteristics est	pt: Oil Fie Exempt: O ablished in	ld wastes ge il field wast 1 RCRA reg	enerated fron e which is no ulations, 40	oil and gas on-hazardous CFR 261,21-	that does not e 261.24 or listed	xceed the r I hazardous	ninimum stand s waste as defir	ards for waste ed in 40 CFR,	hazardous by part 261, sul	ppart D, as	
X RCRA Exem _ RCRA Non-I characteristics est amended. The fo	pt: Oil Fie Exempt: O ablished in Ilowing do	ld wastes ge il field wast n RCRA reg cumentation	enerated from e which is no ulations, 40 n is attached	n oil and gas on-hazardous CFR 261.21- to demonstra	that does not e 261.24 or listed te the above-de	xceed the r d hazardous escribed wa	ninimum stand s waste as defir aste is non-haza	ards for waste ed in 40 CFR, irdous. (Check	hazardous by part 261, sul the appropri	ppart D, as	•
X RCRA Exem	pt: Oil Fie Exempt: O ablished in Ilowing do	ld wastes ge il field wast n RCRA reg cumentation	enerated from e which is no ulations, 40 n is attached	n oil and gas on-hazardous CFR 261.21- to demonstra	that does not e 261.24 or listed te the above-de	xceed the r d hazardous escribed wa	ninimum stand s waste as defir aste is non-haza	ards for waste ed in 40 CFR, irdous. (Check	hazardous by part 261, sul the appropri	ppart D, as	
X RCRA Exem _ RCRA Non-I characteristics est amended. The fo _ MSDS Inform	pt: Oil Fie Exempt: O ablished in Ilowing do nation	ld wastes ge il field wast n RCRA reg cumentation _ RCRA Ha	enerated from e which is no ulations, 40 n is attached azardous Wa	oil and gas on-hazardous CFR 261,21- to demonstra ste Analysis	that does not e 261.24 or listed te the above-de Process K	xceed the r I hazardous escribed wa nowledge	minimum stand s waste as defir aste is non-haza Other (Pr	ards for waste ed in 40 CFR, irdous. (Check ovide descripti	hazardous by part 261, sul the appropri on above)	opart D, as ate items):	
X RCRA Exem _ RCRA Non-I characteristics est amended. The fo	pt: Oil Fie Exempt: O ablished in Ilowing do nation	ld wastes ge il field wast n RCRA reg cumentation _ RCRA Ha	enerated from e which is no ulations, 40 n is attached azardous Wa	oil and gas on-hazardous CFR 261,21- to demonstra ste Analysis	that does not e 261.24 or listed te the above-de Process K	xceed the r I hazardous escribed wa nowledge	minimum stand s waste as defir aste is non-haza Other (Pr	ards for waste ed in 40 CFR, irdous. (Check ovide descripti	hazardous by part 261, sul the appropri on above)	opart D, as ate items):	

THIS IS NOT AN INVOICE!

Approved By: Date:

MANIFEST# 3~ SHIPPING FACILITY NAME & ADDRESS: Company: C60 Address: 03-54/6 Avez F Fel Com ZH Project Lead: Chint Merciff LOCATION OF MATERIAL: Location: Company: s 27 T_ 765 R 32£ Lea County, New Mexico TRANSPORTER NAME & ADDRESS: McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240 **DESCRIPTION OF WASTE:** Quantity: Impacted Soil 20 yards **FACILITY CONTACT:** Date: Contact Signature: (Agent for ConocoPhillips) Chit Menit 6/13/18 NAME OF TRANSPORTER: (Driver) Date: Driver Signature: **DISPOSAL SITE:** Name of Disposal:

Representative Signature:

Address:

Date:

6-13-18



Customer:	CONOCOP
Customer #:	CRI2190
Ordered by:	CLINT MER

AFE#: PO #:

Manifest#:

Manif. Date: Hauler:

Driver Truck #

Card # Job Ref# HILLIPS

CLINT MERIT

33 6/13/2018

> MCNABB PARTNERS **JOSH** M79

Ticket #: Bid #:

700-902412 O6UJ9A0009Z1

Date: 6/13/2018

Generator: CONOCOPHILLIPS

Generator #:

Well Ser, #:

42896L

Well Name:

BATTLE AXE 27 FEDERAL COM 002H

Well#: Field:

Field #:

Rig: NON-DRILLING LEA (NM) County

Facility: CRI

Product / Servi	ce	is in a gradual de la sida. Sida de La Salada de la de	A Marie Description	Alle San Libert	and the first of the second	Q	uantity Uni	is	grande are no menos en	r i segmigrago e em escor California	man mayana ya a iliyan Taraharin da a a a a a a a a a a a a a a a a a a
Contaminated :							20.00 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						

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 Signat	ture	R360 Represe	ntative Signature	
		-		
Customer Approval	and The second of the second 		and the second s	en er er er er egen ge nnere kan kryggerig er er er egen krygerie er er er egen er Gen

THIS IS NOT AN INVOICE!

Approved By:		Date:
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MANIFEST# 35 SHIPPING FACILITY NAME & ADDRESS: Company: CoP NH井 30-075-42896 Address: Buttle Ake 27 Project Lead: Clint Levit **LOCATION OF MATERIAL:** Location: Company: T<u>7&S</u> 32E Lea County, New Mexico TRANSPORTER NAME & ADDRESS: McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240 **DESCRIPTION OF WASTE:** Impacted Soil Quantity: Woods **FACILITY CONTACT:** Date: Contact Signature: 6/13/18 (Agent for ConocoPhillips) NAME OF TRANSPORTER: (Driver) Date: Driver Signature: 6-13-18 **DISPOSAL SITE:** Name of Disposal: Address: Date: Representative Signature:



Customer:	CONOCOPH
Customer #:	CRI2190
	~

Ordered by:

AFE#: PO #:

Manifest #: Manif. Date:

6/13/2018

Hauler: Driver Truck # Card #

Job Ref#

HILLIPS

CLINT MERIT

34

MCNABB PARTNERS ACIE

M80

Ticket #: Bid #:

700-902426 O6UJ9A0009Z1

Date: 6/13/2018 Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #:

Well Name:

42896L BATTLE AXE 27 FEDERAL COM

Well#: 002H

Field:

Field #: Rig:

NON-DRILLING

County

LEA (NM)

Facility: CRI											
Product / Servi	ice	na na manana na mana Manana manana na man	energia de la companya de la company La companya de la co	thest things then paint and an amin't have been	and the state of t	Designation of Q	uantity Uni	ts	and the second second	e promoversky policy spray poet Solicy of State (1994) service	
Contaminated							20.00 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				, <u>-</u>		
Generator Cert I hereby certify the 1988 regulatory of X RCRA Exem RCRA Non-licharacteristics estamended. The form MSDS Information of the priver Agent S	nat accordinate apt: Oil Fie Exempt: O tablished in ollowing do mation	on, the above the condition of the condi	resource Consider described enerated from the which is no ulations, 40 in is attached azardous Was	ervation and waste is: n oil and gas on-hazardous CFR 261.21- to demonstra ste Analysis	exploration and that does not e 261.24 or listed the above-dual Process K	d production exceed the reduction dispersion of the reduction of the reduc	n operations an minimum stand s waste as definate is non-haza	d are not mixe ards for waste aed in 40 CFR, ardous. (Check ovide descripti	d with non-e hazardous by part 261, sul the appropri on above)	cy's July xempt waste ppart D, as ate items):	
Customer Appr	roval		· · · · · · · · · · · · · · · · · · ·		IS NOT		VOICE!			engan was Liuxaan S	arere i
Approved By:						Da	ate:				

TRANSPORTER'S MANIFEST MANIFEST # 34

SHIPPING FACILITY NAM	E & ADDRESS:
Company: Coop Address: Gattle Are 22 Project Lead:	Fel CON 24 ADI# 30-025-42896
LOCATION OF MATERIAL	. .
Location: Company:	
S 27	7 768 R 37E
Lea County, New Mexico	
TRANSPORTER NAME &	ADDRESS:
McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240	
DESCRIPTION OF WASTE	: ·
Impacted Soil	Quantity: Zogwds
FACILITY CONTACT:	
Date: 6/15/18	Contact Signature: (Agent for ConocoPhillips)
NAME OF TRANSPORTER	R: (Driver)
Date: 6-13-18	Driver Signature: An Shankurun
DISPOSAL SITE:	
Name of Disposal: Address: Date:	Representative Signature:



Facility: CRI

Customer: Customer #:

Ordered by:

AFE#: PO #:

Manifest #: Manif, Date:

Hauler: Driver Truck #

Card# Job Ref# CONOCOPHILLIPS

CRI2190 **CLINT MERIT**

36

6/13/2018 MCNABB PARTNERS

HOWARD M78

Ticket #: Bid #:

700-902430 O6UJ9A0009Z1

Date: 6/13/2018 Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #.

42896L Well Name:

BATTLE AXE 27 FEDERAL COM Well #: 002H

Field:

Field #:

Rig: County NON-DRILLING

LEA (NM)

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:		COLUBER	A Evamati	L				20.00	1_			
Lab Analysis: 50/51 0.00 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:	oontammatea (1		20.00 yard	15							
Cenerator 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:		Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
1988 regulatory determination, the above described waste is:	Lab Analysis:	50/51	0.00	0.00	0.00	0	. "	····				
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)	1988 regulatory d X RCRA Exemp RCRA Non-E characteristics est amended. The fo	etermination of the learning o	on, the above the wastes general wastes general RCRA regular commentation	e described was nerated from which is no alations, 40 (a is attached)	waste is: oil and gas on-hazardous CFR 261.21- to demonstra	exploration and that does not e 261.24 or listed to the above-de	Production I production I production I hazardous escribed was	n operations an minimum stand s waste as definate is non-haza	d are not mixe ards for waste ed in 40 CFR, rdous. (Check	d with non-e hazardous by part 261, sul the appropri	cy's July xempt waste y bpart D. as	

THIS IS NOT AN INVOICE!

Date:

Approved By:

	MANIFEST # 36
SHIPPING FACILITY NAME	& ADDRESS:
Company: Cop Address: Project Lead: Clint Lucity	ZZ API# 30-025-428
LOCATION OF MATERIAL:	
Location: Company:	
s 77	7 265 R 32E
Lea County, New Mexico	
TRANSPORTER NAME & AD	DDRESS:
McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240	
DESCRIPTION OF WASTE:	
Impacted Soil	Quantity: Zo5~ds
FACILITY CONTACT:	
Date: 6/13/14	Contact Signature: (Agent for ConocoPhillips)
NAME OF TRANSPORTER: (Driver) 1
Date: 4/3/8	Driver Signature: Auctual
DISPOSAL SITE:	
Name of Disposal: Address: Date:	Representative Signature:



Customer:	CONOCO
Customer #:	CRI2190

Ordered by:

AFE#: PO #:

Hauler:

Manifest #: Manif. Date:

37`

M82

6/13/2018 MCNABB PARTNERS JOE

Driver Truck # Card#

Job Ref#

PHILLIPS

CLINT MERIT

Bid #: Date:

Ticket #:

700-902432 O6UJ9A0009Z1 6/13/2018

Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: Well Name:

42896L

BATTLE AXE 27 FEDERAL COM

Well #: 002H

Field:

Field #: Rig:

NON-DRILLING

County

LEA (NM)

Facility: CRI											
Product / Servi	ce		and operation and are expensely and a second se Second second			Q	uantity Uni	its and	The Control of the Co	more and the control of the character	mangana mpagana sapanga
Contaminated :	Soil (RCR	A Exempt)				20.00 yan			e o o o tribuca a contra contra la contra la contra	The British of Colors
	Cell	Нq	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0		·····				
Generator Cert I hereby certify the 1988 regulatory of X RCRA Exem RCRA Non-I characteristics estamended. The form MSDS Information of the Informa	eterminati pt: Oil Fiel Exempt: Oi ablished ir Ilowing do nation	on, the above d wastes ge I field wastes a RCRA regionmentation RCRA Ha	re described one rated from the which is no ulations, 40 (and its attached to a randous Was	waste is: oil and gas on-hazardous CFR 261.21- to demonstra ite Analysis	exploration and that does not e 261.24 or listed the above-de_Process K	d production exceed the real that a larger that the real that are that are the real that are the real that are the real that are that are the real than are the real than are the real than are	n operations and minimum stands waste as definante is non-haza	nd are not mixe lards for waste ned in 40 CFR, ardous. (Check ovide descripti	d with non-e hazardous by part 261, sul the appropri on above)	cy's July xempt waste ppart D, as ate items):	
Driven Agent S	ignature	el gladie een telegraas taas as oo		is e la sila sila sila	R360 R	epresent	ative Signatu	re	948 242 POLICE		
Customer Appr	oval		remark and a second	tangan terminan						ed e e e La constant	
				THIS	IS NOT	AN IN	VOICE!				

Date:

Approved By:

	MANIFEST#_37
SHIPPING FACILITY NAME & AL	DDRESS:
Company: cor Address: Gaffle Am 27 For Project Lead: Clint Acriff	Con 74
LOCATION OF MATERIAL:	
Location: Company:	
s_27	265 R 37F
Lea County, New Mexico	
TRANSPORTER NAME & ADDRE	ess:
McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240	
DESCRIPTION OF WASTE:	
Impacted Soil	Quantity:
FACILITY CONTACT:	
Date: 4/13/18	Contact Signature: (Agent for ConocoPhillips)
NAME OF TRANSPORTER: (Drive	or)
Date: 6-13-18	Driver Signature:
DISPOSAL SITE:	
Name of Disposal: Address: Date:	Representative Signature:



Driver/ Agent Signature

Customer:	CONC
Customer#:	CRI21
Ordered by:	CLINT

MERIT

37 Manif. Date:

M78

6/14/2018 MCNABB PARTNERS

HOWARD

Driver Truck # Card#

Job Ref#

Hauler:

AFE#:

PO#:

Manifest #:

COPHILLIPS

90

Bid #: Date:

Ticket #:

700-902628 O6UJ9A0009Z1

6/14/2018 Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: 42896L

Well Name:

BATTLE AXE 27 FEDERAL COM

Well #: 002H

R360 Representative Signature

Field:

Field #:

Rig: NON-DRILLING LEA (NM) County

Facility: CRI Product / Service Quantity Units Contaminated Soil (RCRA Exempt) 20.00 yards Cell Cond. %Solids **TDS** PCI/GM MR/HR H2S % Oil Weiaht 50/51 Lab Analysis: 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)

Customer Approval	ting the second of the second	

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Approved By:	Date:	

VA1#	30-075-	42896
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MANIFEST# 37 SHIPPING FACILITY NAME & ADDRESS: Company: 🛷 Address: Bath Are 27 Feel Con 24 Project Lead ... Lorit LOCATION OF MATERIAL: Location: Company: T 765 s 27 R 37E Lea County, New Mexico **TRANSPORTER NAME & ADDRESS:** McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240 **DESCRIPTION OF WASTE:** Quantity: Impacted Soil 20 yords **FACILITY CONTACT:** Contact Signature: Date: 6/14/18 (Agent for ConocoPhillips) NAME OF TRANSPORTER: (Driver) 61418 Driver Signature: Date: **DISPOSAL SITE:**

Name of Disposal:

G-H-18

Address:

Date:

Representative Signature:



Customer:	CONOCOPI
Customer #:	CR12190

Ordered by: AFE#:

PO #: Manifest #:

Hauler:

Driver

Truck #

39 Manif. Date:

6/14/2018 MCNABB PARTNERS

JOE

M82

Card# Job Ref#

HILLIPS

CLINT MERIT

Ticket #: Bid #: Date:

700-902630 O6UJ9A0009Z1

6/14/2018 Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: Well Name:

42896L

BATTLE AXE 27 FEDERAL COM

Well#: 002H

Field:

Field #: Rig:

NON-DRILLING

County

LEA (NM)

Facility: CRI											
Product / Servi	ce	and the state of the state of the state of		e deliga ere dans erjeligues est See lina e militaria	States of States	resperance in the co	uantity Uni	ts	one province and the service of the	ng pagagan ang ang ang ang ang ang ang ang a	meent mala assa gamasamiyy seedda Alb Caeled Carles ae
Contaminated	Soil (RCF	RA Exempt)				20.00 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						
Generator Cert I hereby certify the 1988 regulatory of X RCRA Exem RCRA Non-licharacteristics estamended. The form MSDS Information Certification of the MSDS Information Certification of the Information	leterminati pt: Oil Fie Exempt: O ablished in llowing do	on, the above the control of the con	we described inerated from which is no ulations, 40 on its attached	eryation and waste is: n oil and gas on-hazardous CFR 261.21- to demonstra	exploration and that does not e 261.24 or listed the the above-do	d production exceed the red hazardous escribed was knowledge	n operations an minimum stand s waste as defir aste is non-haze Other (Pr	d are not mixe ards for waste ted in 40 CFR, ardous. (Check ovide descripti	d with non-e hazardous by part 261, sul the appropri on above)	xempt waste ppart D, as ate items):) .
Driver/ Agent S	ignature				R360 R	epresent	ative Signatu	re <u>in proper.</u>	n i de la després d'espection de la vertice de la company	Mit Harry grant. Mit Harry Grant Alban 2011 Arra	
Customer Appr	oval		en e	****		and the constant of					
				THIS	IS NOT	AN IN	VOICE!				

Date:

Approved By:

MANIFEST# 39

SHIPPING FACILITY NAME & AL	DDRESS:
Company: Cop Address: Both Acez Feel Project Lead: Clint Marit	COM 24 API# 30-025-428
LOCATION OF MATERIAL:	
Location: Company:	
5 27 T 2	265 R 32E
Lea County, New Mexico	
TRANSPORTER NAME & ADDR	ESS:
McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240	
DESCRIPTION OF WASTE:	
Impacted Soil	Quantity: Zogwas
FACILITY CONTACT:	
Date: 6/14/18	Contact Signature: (Agent for ConocoPhillips)
NAME OF TRANSPORTER: (Driv	/er)
Date: 6-74-18	Driver Signature:
DISPOSAL SITE:	
Name of Disposal: Address: Date:	Representative Signature:



Customer:	CONOCOPH
Customer #:	CRI2190

Ordered by: AFE#:

PO #:

Hauler:

Manifest #: Manif. Date:

39

6/14/2018 MCNABB PARTNERS JOSH

Driver Truck # M79 Card # Job Ref#

IILLIPS

CLINT MERIT

Date:

Bid #: O6UJ9A0009Z1 6/14/2018

Generator: CONOCOPHILLIPS

Generator #:

Ticket #:

Well Ser. #: Well Name:

42896L BATTLE AXE 27 FEDERAL COM

700-902680

Well#: 002H

Field:

Field #:

Rig:

NON-DRILLING

County

LEA (NM)

Facility: CRI											
Product / Serv	ice	e de la estada de la composição de la comp La composição de la composição		n nemeration production.	Samily and the second data	Q	uantity Un	ts	and dept to proper to the angular	energe og energen skriver i s	n computation of payment
Contaminated							20.00 yar		. I to book god od sistem a sign	and the second sections	rankan di sakarah da sakar da
	Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0			, <u></u>	,		
1988 regulatory of X RCRA Exem RCRA Non-characteristics es amended. The for MSDS Information Driver/ Agent S	pt: Oil Fie Exempt: O tablished in Ilowing do mation	ld wastes ge il field wast n RCRA reg ocumentatio _ RCRA H	enerated from the which is not gulations, 40 in is attached azardous Was	oil and gas on-hazardous CFR 261.21- to demonstra ste Analysis	that does not e 261.24 or listed ate the above-do Process K	xceed the range of the reservited was nowledge	minimum stanc s waste as defin aste is non-haz Other (Pr	lards for waste ned in 40 CFR, nrdous. (Check ovide descripti	hazardous by part 261, su the appropri on above)	bpart D, as ate items):	a. Suide Badas 198
Customer App	roval	mar arang ana sa			IS NOT						
Approved By:						Da	ate.				

MANIFEST # _ 79

SHIPPING FACILITY NAME & AL	DDRESS:
Company: app Address: Bothe Are 27 Fel Project Lead: Clut Merit	Con 24 AVI# 70.025-47896
LOCATION OF MATERIAL:	
Location: Company:	76 S
s 27	R_JZE
Lea County, New Mexico	
TRANSPORTER NAME & ADDRE	ESS:
McNabb Partners	
4008 N. Grimes #270 Hobbs, NM 88240	
DESCRIPTION OF WASTE:	
Impacted Soil	Quantity: 2082ls
FACILITY CONTACT:	
Date:	Contact Signature:
6/14/18	(Agent for ConocoPhillips)
NAME OF TRANSPORTER: (Drive	er)
Date: 6/9/8	Driver Signature:
DISPOSAL SITE:	
Name of Disposal: Address: Date:	Representative Signature:



Facility: CRI

Customer Approval

Customer:
Customer#:
Onelesse et les se

Ordered by:

CRI2190

CLINT MERIT AFE#:

PO #: Manifest #:

Manif. Date:

6/14/2018 MCNABB PARTNERS

HOWARD

M78

Hauler: Driver Truck # Card#

Job Ref#

CONOCOPHILLIPS

Bid #: Date: Generator:

Ticket #:

700-902696 O6UJ9A0009Z1

6/14/2018 CONOCOPHILLIPS

Generator #:

Well Ser. #: 42896L Well Name:

BATTLE AXE 27 FEDERAL COM

Well #: 002H

Field: Field #:

County

Rig:

NON-DRILLING LEA (NM)

Product / Service Quantity Units Contaminated Soil (RCRA Exempt) 20.00 yards Cell Cond. %Solids **TDŞ** PCI/GM MR/HR H2S % Oil Weight 50/51 Lab Analysis: 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

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Approved By:		Date:
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MANIFEST # 40

SHIPPING FACILITY NAME &	ADDRESS:	
Company: Cop Address: Gathe Ase 22 Fe Project Lead: Chit Me. H	1 Con 24	AP1# 30-025-42876
LOCATION OF MATERIAL:		
Location: Company:		
s_Z= T_	765	R_ 32 E
Lea County, New Mexico		
TRANSPORTER NAME & ADD	RESS:	
McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240		
DESCRIPTION OF WASTE:		
Impacted Soil	Quantity: کائے رسی	
FACILITY CONTACT:		
Date:	Contact Signature: (Agent for ConocoPhillip	s)
NAME OF TRANSPORTER: (Dr	iver)	<u> </u>
Date: 4/4/8		accele
DISPOSAL SITE:		
Name of Disposal:		
Address: U/ (Representative Signature:	



A	
J	

Customer: Customer#: Ordered by:

CLINT MERIT

AFE#:

PO#: Manifest #: 41 Manif. Date:

6/14/2018 Hauler: MCNABB PARTNERS Driver J0E

M78

Truck # Card# Job Ref# CONOCOPHILLIPS

CRI2190

Bid#: Date: Generator:

Ticket #:

700-902699 O6UJ9A0009Z1

6/14/2018

CONOCOPHILLIPS

Generator #:

Well Ser. #: 42896L

Well Name:

BATTLE AXE 27 FEDERAL COM

Well #: 002H

Field:

Field #: Rig:

NON-DRILLING

County

LEA (NM)

Facility: CRI											
Product / Servi	ce	grouptiesegenes Europeal		en ommenere i julijum. 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	e a provincia de por menor empoye.	Q	uantity Uni	ts	ranga katang mengguan Salah salah salah salah salah	erre mercepe englist.	e mandride e e e e e e e e e e e e e e e e e e
Contaminated :	Soil (RCR	A Exempt)				20.00 yar				10 10 10 10 10 10 10 10 10 10 10 10 10 1
	Cell	pН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						
I hereby certify the 1988 regulatory of X RCRA Exem RCRA Non-I characteristics est amended. The form MSDS Information Driver/ Agent S	etermination of the left of th	on, the aboved wastes ge I field waste RCRA regression RCRA Ha	re described nerated from e which is no ulations, 40 on is attached azardous Was	waste is: n oil and gas on-hazardous CFR 261,21- to demonstra ste Analysis	exploration and that does not e 261.24 or listed the above-de Process K	I production acceed the real hazardous escribed was nowledge	n operations an ninimum stand s waste as defin aste is non-haza	ad are not mixe lards for waste ned in 40 CFR, ardous. (Check ovide descripti	d with non-e hazardous by part 261, sui the appropri ion above)	exempt waste y bpart D, as iate items):	
Customer Appr	oval	e generale			IS NOT			to company in a line of the second of the se	The state of the s		
				11110	10 1401	711 IIA	V OICE!				
Approved By:		and the second second				Da	ate:				

	MANIFEST# 41
SHIPPING FACILITY NAME & A	DDRESS:
Company: exp Address: Battle Ave 27 E Project Lead: Clist Aurit	
LOCATION OF MATERIAL:	
Location: Company:	•
S	765 R 32E
Lea County, New Mexico	
TRANSPORTER NAME & ADDR	ESS:
McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240	
DESCRIPTION OF WASTE:	
Impacted Soil	Quantity:
FACILITY CONTACT:	
Date: 6/14//8	Contact Signature: (Agent for ConocoPhillips)
NAME OF TRANSPORTER: (Driv	er)
Date: 6-14-18	Driver Signature:
DISPOSAL SITE:	
Name of Disposal: Address: Date: 6-14-17	Representative Clee

MANIFEST# 25

SHIPPING FACILITY NAME & Company: Cor Address: 27 Project Lead: Clint Maritte	F. J. Cov. 24	APIH 30-025-42896
LOCATION OF MATERIAL:		
Location: Company:		
s 27	765 R 3	ZE
Lea County, New Mexico		
TRANSPORTER NAME & ADI	DRESS:	
McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240		
DESCRIPTION OF WASTE:		
Impacted Soil	Quantity: 20gards	
FACILITY CONTACT:		
Date: 6/13/14	Contact Signature: (Agent for ConocoPhillips)	Chotherite
NAME OF TRANSPORTER: (D		2
Date: [-13-18	Driver Signature:	Markey
DISPOSAL SITE:		Î
Name of Disposal:		
Address: 6.13, 18	Representative () Signature:	مىس

	Customer:	CONO FHIL	PIPS		Ticket #:	700-90231		
Received by OCD: 10/19/2021 12:19:	²² Etstomer #:	CRI2190			Bid #:	O6UJ9A0) Jzy ę 287	of 376
17200	Ordered by:	CLINT MERRIT	T		Date:	6/13/2018		
	AFE #:			4	Generator:	CONOCO	PHILLIPS	
	PO #:				Generator#:			
WOUNDEN FALL	Manifest #:	29			Well Ser. #:	42896L		
111016	Manif. Date:	6/13/2018			Well Name:	BATTLE A	XE 27 FE	DERA
Permian Basin	Hauler:	MCNABB PAR	TNERS		Well#:	002H		
remilan basin	Driver	ACIE		1	Field:			
	Truck #	80			Field #:			
	Card #				Rig:	NON-DRIL	LING	
	Job Ref#			(County	LEA (NM)		
Facility: CRI								
Product / Service			0	uantity Ur	ite			
	1		· ·					
Contaminated Soil (RCRA Exen	npt)			20.00 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				10 10		
Generator Certification Stateme	nt of Waste St	atus			6			
I hereby certify that according to the			erv Act (R	CRA) and t	he US Enviro	onmental Pro	tection Ag	ency's Jul
1988 regulatory determination, the ab			.,				11	
X RCRA Exempt: Oil Field wastes			tion and r	production c	nerations and	are not mixe	ed with nor	i-exempt
RCRA Non-Exempt: Oil field wa								
characteristics established in RCRA								
with the total latter paratification in the text	ognitudin, iv or	TO MODEL WOLLDON		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			F	

amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate new PCDA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

MSDS information RCRA Hazardous wi	aste Analysis Process Knowledge Other (Provide descri
Driver/ Agent Signature	R360 Representative Signature
re gas 16	
Customer Approval	

THIS IS NOT AN INVOICE!

Approved By:	2.60	Date	

Tail

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	INAMOFORTER SIMMINIFE	.51
	MANIFEST # 30	-
SHIPPING FACILITY NAME	& ADDRESS:	
Company: Cor		61111 - 25
Address: Both de 27 Project Lead: Clark Luri	Fed Com ZH	1P 1# 30-025-
LOCATION OF MATERIAL:		
Location: Company:		
s 77	T_ 745 R	32E
Lea County, New Mexico		
TRANSPORTER NAME & AI	DDRESS:	
McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240		
DESCRIPTION OF WASTE:		
Impacted Soil	Quantity: Zosage	
FACILITY CONTACT:		
Date: 6/15/18	Contact Signature: (Agent for ConocoPhillips)	Ableto
NAME OF TRANSPORTER:		
Date: 6-13-18	Driver Signature:	ash Duby
DISPOSAL SITE:		
Name of Disposal:		

Address:

Date:

Representative Signature:

oignoture.

ENVIRONMENTAL SOLUTIONS Permian Basin	Customer: Customer #:	CLINT MERRITT 30	es.	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	O6UJ9A0 6/13/2018 CONOCO : 42896L	3 DPHILLIPS AXE 27 FE	;
Facility: CRI							
Product / Service			Quantity U	nits			
Contaminated Soil (RCRA Exemp	t)		20.00	yards			
Cell pH Lab Analysis, 50/51 0.00	Cl Con 0.00 0.0		S PCI/GM	MR/HR	H2S	% Oil	Weigl
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 waste characteristics established in RCRA reg amended. The following documentation MSDS Information RCRA He	esource Conserve described was enerated from one which is non- culations, 40 CF in is attached to	ration and Recovery Acts ste is: il and gas exploration at hazardous that does not R 261.21-261.24 or listed demonstrate the above-Analysis Process	nd production exceed the mi d hazardous w described	operations and nimum standa raste as defined is non-hazar Other (Pro	l are not mix rds for wast d in 40 CFR	ked with nor e hazardous , part 261, si k the appro	n-exemp by ubpart D priate ite
Driver/ Agent Signature		R360 Repre	seriative Sig	matu re	200000		
Customer Approval			(/	ı	- 142		
	THIS	S IS NOT AN	INVOIC	E!			
Approved By:			Date				

SHIPPING FACILITY NAME & ADT	DRESS:
Company: Cop Address: Buttle Ase 27 Project Lead: Club Menist	18/4 30-25-42896
LOCATION OF MATERIAL:	
Location: Company:	
s 27 T Z	8 J Z Z
Lea County, New Mexico	
TRANSPORTER NAME & ADDRES	SS:
McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240	
DESCRIPTION OF WASTE:	
Impacted Soil	Quantity: Zoywas
FACILITY CONTACT:	
Date: 6/13/16	Contact Signature: (Agent for ConocoPhillips)
NAME OF TRANSPORTER: (Drive	r) C
Date: 6/37/10	Driver Signature:
DISPOSAL SITE:	
Name of Disposal.	
Address: 6-13-18	Representative Signature:

7											
Received by OCD: 10/19/2021 12:19:22		Custo Custo Order AFE #	omer#: red by: #:	CONOCOPHI CRI2190 CLINT MERR			Ticket #: Bid #: Date: Generator:		23 009Z1	1 of 376	
Permian Basiı	NS 🐸		PO #: Manifi Manif Haule Driver Truck	est #: . Date: ! er:	31 6/13/2018 MCNABB PAF HOWARD M78	RTNERS		Generator # Well Ser. #: Well Name: Well #: Field: Field #:	42896L	AXE 27-FE	E D ERAL (
			Card : Job R	#	WIFC			Rig: County	NON-DRI LEA (NM)		
Facility: CRI				(-04)							
Product / Serv	rice					Q	uantity Ur	nits	Dietale.		
Contaminated	Soil (R	CRA Exer	npt)				20 00 y	ards			
Lab Analysis.	Cell 50/51	pH 0.00	CI 0.00	-Cond		TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
and the second	t:										
Generator Cer						4 - 7			1.0	:	
I hereby certify to 1988 regulatory X RCRA Exer RCRA Non- characteristics examended. The f	determin npt: Oil f -Exempt: stablished	ation, the al field wastes Oil field w I in RCRA	oove descr generated aste which regulation	ribed was I from oil I is non-h s, 40 CFF	te is: and gas explor azardous that d k 261,21-261,24	ation and poes not ex-	production of ceed the minazardous wa	perations and imum standa	d are not mix ards for wasted in 40 CFR,	ed with none hazardous, part 261, s	n-exempt was by subpart D, a

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

a grant September

187 4T WELL

SHIPPING FACILITY NAME & AD	DRESS:						
Company: COP Address: Balk Aver Fed Con 7H Project Lead: Chinh Mariff							
LOCATION OF MATERIAL:							
Location: Company:							
s 27 r z	65 R 32E						
Lea County, New Mexico							
TRANSPORTER NAME & ADDRE	ESS:						
McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240							
DESCRIPTION OF WASTE:							
Impacted Soil	Quantity: 20 yarks						
FACILITY CONTACT:							
Date: 6/.3/18	Contact Signature: (Agent for ConocoPhillips)						
NAME OF TRANSPORTER: (Drive	•						
Date: 6-13-18	Driver Signature:						
DISPOSAL SITE:							
Name of Disposal. Address: 6-13-18	Representative Signature:						

Received by OCD: 10/19/2021 12:19:22 PM Customer: Page 293 of 376 CONOCOPHILLIPS 700-902327 Ticket #: Customer #: CRI2190 O6UJ9A0009Z1 Bid #: Ordered by: CLINT MERRITT 6/13/2018 Date: AFE #: Generator: CONOCOPHILLIPS PO# Generator #: Manifest #: 32 Well Ser. #: 42896L SCHOOL S Manif. Date: 6/13/2018 Well Name: BATTLE AXE 27 FEDERAL CC MCNABB PARTNERS Hauler: Well #: 002H Permian Basin Driver Field: JOE Truck # M82 Field #: Card # Ria: **NON-DRILLING** Job Ref# LEA (NM) County Facility: CRI Product / Service **Quantity Units** Contaminated Soil (RCRA Exempt) 20.00 yards Cell CI Cond. %Solids **TDS** PCI/GM MR/HR % Oil 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 40%. 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 Process Knowledge __ Other (Provide description above) MSDS Information RCRA Hazardous Waste Analysis **Driver/ Agent Signature R360 Representative Signature Customer Approval** THIS IS NOT AN INVOICE! Date. Approved By:

SHIPPING FACILITY NAME &	ADDRESS:	
Company: CoP Address: Bettle Ake 27 Project Lead: Clint Lorit		‡ 30-025-42896
LOCATION OF MATERIAL:		
Location: Company:		
s <u>27</u> t_	7,55	R_ 32E
Lea County, New Mexico		
TRANSPORTER NAME & ADD	RESS:	
McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240		
DESCRIPTION OF WASTE:		
Impacted Soil	Quantity:	
	Vyada	
FACILITY CONTAGT:		
Date:	Contact Signature:	
6/13/18	(Agent for ConocoPhillip	s) Chroff
NAME OF TRANSPORTER: (D	river)	A
Date: 6-13-18	Driver Signature:	25.6/
DISPOSAL SITE:	V	/
Name of Disposal: Address: Date:	Representative Signature:	



Permian Basin

Customer:

Customer #: CRI2190

Ordered by: CLINT MERRITT

AFE #: PO#:

Manifest #: 33

Manif. Date: 6/13/2018 Hauler:

Driver Truck #

Card #

CONOCOPHILLIPS

MCNABB PARTNERS

JOSH M79

Job Ref#

Ticket #: Bid #:

700-902412 O6UJ9A0009Z1

6/13/2018 Date:

Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: 42896L

Well Name: BATTLE AXE 27 FEDERAL CC

Well#: 002H

Field:

Field #: Rig:

NON-DRILLING

LEA (NM) County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

20.00 yards

MR/HR H₂S % Oil Weight Cond %Solids TDS PCI/GM Cell CI ΡH 0.00 Lab Analysis: 50/51 0.00 0.000

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.

SHIPPING FACILITY NAME & ADD	DRESS:
Company: COP Address: On the Are 22 Fel Co Project Lead:	Sh 24 AVI# 30-025-42896
LOCATION OF MATERIAL:	
Location: Company:	
s 27 T 76	8 32E
Lea County, New Mexico	
TRANSPORTER NAME & ADDRES	SS:
McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240	
DESCRIPTION OF WASTE:	
Impacted Soil	Quantity: Zoyunds
FACILITY CONTACT:	
Date: 6/15/18	Contact Signature: (Agent for ConocoPhillips)
NAME OF TRANSPORTER: (Drive	7 1
Date: 6 - 13 - 18	Driver Signature: Na Shaylur My
DISPOSAL SITE:	
Name of Disposal: Address: Date:	Representative Signature:

Received by OCD: 10/19/2021 12:19:22 PM ustomer: CONOCOPHILLIPS 700-9024 Page 297 of 376 Ticket #: Customer #: CRI2190 Bid #: O6UJ9A0009Z1 Ordered by: CLINT MERRITT 6/13/2018 Date: AFE #: Generator: CONOCOPHILLIPS PO #: Generator #: Manifest #: 34 Well Ser, #: 42896L SOLUTIONS **BATTLE AXE 27 FEDERAL** Manif. Date: 6/13/2018 Well Name: MCNABB PARTNERS Well #: 002H Hauler: Permian Basin Driver ACIE Field: Truck # M80 Field #: **NON-DRILLING** Card # Rig: LEA (NM) Job Ref# County Facility: CRI Product / Service **Quantity Units** Contaminated Soil (RCRA Exempt) 20.00 yards %Solids TDS PCI/GM MR/HR H₂S % Oil Weigh Cond. Lab Analysis. 50/51 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 Ju 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 _ 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 amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate ite 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!

Date:_

16UJ9A0106QI Released to Imaging: 2/24/2023 8:25:16 AM

Approved By:

MANIFEST #	36

	matter Lot 1
SHIPPING FACILITY NAME &	ADDRESS:
Company: Cop Address: Battle Soc ? Project Lead: Clint Lucity	22 API# 30-025-428,
LOCATION OF MATERIAL:	
Location: Company:	
s 27	265 R 328
Lea County. New Mexico	
TRANSPORTER NAME & ADI	DRESS:
McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240	
DESCRIPTION OF WASTE:	
Impacted Soil	Quantity: 205 wds
FACILITY CONTACT:	
Date: 6/13/14	Contact Signature: (Agent for ConocoPhillips)
NAME OF TRANSPORTER: ([Oriver)
Date: 6/3/8	Driver Signature: AMULLE_
DISPOSAL SITE:	
Name of Disposal: Address: Date:	Representative Signature:

Received by OCD: 10/19/2021 12:19 RENVIRONMENTAL SOLUTIONS Permian Basin	Customer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler. Driver Truck # Card # Job Ref #	CLINT MERRITT 36			Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County			
Facility: CRI								
Product / Service	150		Q	uantity U	nits			
Contaminated Soli (RCRA Exempt) 20.00 yards								
Cell pH Lab Analysis: 50/51 0.00	CI Cond		TDS	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 waste characteristics established in RCRA reg amended. The following documentation MSDS Information RCRA Ha Driver/ Agent Signature	source Conserve described was nerated from oile which is non-leulations, 40 CF in is attached to	ration and Recoverste is: if and gas explorate hazardous that do R 261.21-261.24 contents the a Analysis Presser	tion and p es not exc or listed ha hove-desc ocess Kno	roduction eed the mi	operations and nimum standar raste as defined is non-har zard Other (P-ro	are not mix ds for waste in 40 CFR, dous. (Check	ed with nor hazardous part 261, so k the approp	n-exempt wast- by ubpart D, as priate items):
Customer Approval				19	U			
	THIS	S IS NOT	AN IN	IVOIC	E!			
Approved By:			Da	ate				

MANIFEST # 37 SHIPPING FACILITY NAME & ADDRESS: Company: cop Address: Battle Am 27 Fed Can 24 Project Lead: **LOCATION OF MATERIAL:** Location: Company: R 37F T Z65 s 27 Lea County, New Mexico TRANSPORTER NAME & ADDRESS: McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240 **DESCRIPTION OF WASTE:** Impacted Soil Quantity: **FACILITY CONTACT:** Contact Signature: Date: Colp 6/13/10 (Agent for ConocoPhillips) NAME OF TRANSPORTER: (Driver) Driver Signature: Date: 6-17-18 **DISPOSAL SITE:**

Name of Disposal:

Address:

Date:

Representative Signature:

Received by OCD: 10/19/2021 12:19:22 PM Customer: Page 301 of 376 CONÓCOPHILLIPS 700-902432 Ticket #: Customer #: CRI2190 Bid #: O6UJ9A0009Z1 Ordered by **CLINT MERRITT** Date: 6/13/2018 CONOCOPHILLIPS Generator: AFE #: PO #: Generator #: ENVIRONMENTAL Manifest #: Well Ser. #: 42896L SOLUTIONS Manif. Date: 6/13/2018 Well Name: BATTLE AXE 27 FEDERAL CC MCNABB PARTNERS Well #: 002H Hauler: Permian Basin Field: Driver JOE Truck # M82 Field #: Rig: NON-DRILLING Card# Job Ref# LEA (NM) County Facility: CRI **Product / Service Quantity Units** Contaminated Soil (RCRA Exempt) 20.00 yards Cond %Solids TDS H₂S % Oil Cell PCI/GM MR/HR Weight Lab Analysis, 50/51 0.00 0.000.00**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 ID, 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 Signatur **Driver/ Agent Signature**

THIS IS NOT AN INVOICE!

Date:

Customer Approval

Approved By.

TYI.	ANIFEST# 47
SHIPPING FACILITY NAME & ADI	DRESS:
Company: eor Address: Bath Are 27 Fed Project Lead 21 - Levith	2 Bon ZH
LOCATION OF MATERIAL:	
Location: Company:	
s 27 T Z	8.5 R 37.E
Lea County, New Mexico	
TRANSPORTER NAME & ADDRE	SS:
McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240	
DESCRIPTION OF WASTE:	
Impacted Soil	Quantity: 20 yords
FACILITY CONTACT:	
Date: 6/14/18	Contact Signature: (Agent for ConocoPhillips)
NAME OF TRANSPORTER: (Drive	r)
Date. 6/0/5	Driver Signature:
DISPOSAL SITE:	
Name of Disposal: Address: Date:	Representative Signature:

Received by OCD: 10/19/2	0021 12:19	Cust Orde AFE PO # Mani Mani Haul Drive Truc	omer #: CF ered by: CL #; t: ifest #: 37 if. Date: 6/* er: MC er HC k #	INT MARRI 14/2018 CNABB PAR DWARD	тт	E C C V V V F F F	Ficket #: Bid #: Date: Generator: Generator #: Vell Ser. #: Vell Name: Vell #: Field: Rig: County	42896L	009Z1 PHILLIPS XE 27 FE	;
Facility: CRI			1.1					2 7,01		
Product / Service	u .				0	uantity Un	its			
Contaminated Soil (R	CRA Exen	nnt)	- 19-14-		_	20.00 ya		TOTAL O		
Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis. 50/51	0.00	0.00	0.00	0	100	PCI/GIVI	IVITS/LIEX	11120		aveignt
								2011		
	Oil field wa in RCRA i documentat	aste which regulation tion is att	th is non-hazans, 40 CFR 2 ached to den	ardous that do 61.21-261.24 constrate the a	oes not ex- or listed habove-des	ceed the mini azardous was cribed waste	imum standa ste as define is non-haza	ords for waste d in 40 CFR,	hazardous part 26 l. s the appro	by ubpart D. a priate items
Driver/ Agent Signatur	re	Halfer		R360	Represe	ntative Sign	nature			
restrictions (Sa)	310	31	NACASIA.					14.	No.CO	
Customer Approval	S a strip									
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Approved By:			100					TO BE TRY		
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			12:							
THE THIRT FOR DIVINE								100		

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SHIPPING FACILITY NAME & A	ADDRESS:
Company: COP Address: BASH 1-27 Fed Project Lead: Clint Merrit	COM 2H API# 30-025-42896
LOCATION OF MATERIAL:	
Location: Company:	
S 27	265 R 32E
Lea County, New Mexico	
TRANSPORTER NAME & ADDI	RESS:
McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240	
DESCRIPTION OF WASTE:	
Impacted Soil	Quantity:
FACILITY CONTACT:	
Date: 6/14/18	Contact Signature: (Agent for ConocoPhillips)
NAME OF TRANSPORTER: (Dr	iver)
Date: 6-14-18	Driver Signature:
DISPOSAL SITE:	
Name of Disposal: Address: Date: C-14-18	Representative Signature:

Received by OCD: 10/19 Received by OCD: 10/19 Received by OCD: 10/19 Permian Basin	2021 12:19	Custom Custom Ordered AFE #. PO #: Manifes Manif. D Hauler: Driver Truck # Card # Job Ref	er#: CF iby: CL t#: 39 Date: 6/ Mo JC	14/2018 CNABB PAR DE		E C C V V F F F	Ficket #: Bid #: Date: Benerator: Benerator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County		009Z1 PHILLIPS .XE 27 FE	3
Facility: CRI		į.						tion size of		
Product / Service		N-III			Q	uantity Un	its	William !	8	
Contaminated Soil (R	CRA Exem	ipt)				20.00 ya		A. Small		
Cell	рН	Cl	Çond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis, 50/51	0.00	0.00	0.00	0				Agent	8	
I hereby certify that acco 1988 regulatory determin X RCRA Exempt: Oil I RCRA Non-Exempt characteristics establishe amended. The following MSDS Information	ation, the ab Field wastes Oil field wa d in RCRA n documentati	ove describing enerated from the steel which is egulations, 4 ion is attach	ed waste rom oil ar non-haza 40 CFR 2 ed to den	is: nd gas explorate ardous that doe 61.21-261.24 on nonstrate the a	tion and pes not exe or listed he bove-des	oroduction op ceed the mini azardous was cribed waste	perations and imum standar ste as defined is non-hazar	l are not mixe rds for waste I in 40 CFR,	ed with nor hazardous part 261, s the appro	n=ëxëmpt wa by ubpart D, as priate læns
Driver/ Agent Signatu	ire	9		R360 R	Represer	ntative Sign	nature	in 1		
Fre		L	4		(7		Maria A	SVE	
Customer Approval	n Stempara		5 5		0					
te de settle flott met Strong y entreme	a man A	N 2	HIS	IS NOT	AN II	VOICE	3 !	aeoli Te III Too		
Approved By:	5 25 No.				Da	ate:		e of the co		
all capacity or the con- on the con- ment of a definition	988 m B	99 (4)								
$\zeta_{0},\ldots,\zeta_{2},s_{11},s_{22},s_{33}$										

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MANIFEST # _ =	75
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SHIPPING FACILITY NAME &	ADDRESS:
Company: Cop Address: Bothe Are 27 Fed Project Lead. Clint Merit	
LOCATION OF MATERIAL:	
Location: Company:	76 S
S 27 Lea County, New Mexico	R JZE
TRANSPORTER NAME & ADD	PRESS:
McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240	
DESCRIPTION OF WASTE:	
Impacted Soil	Quantity: 708285
FACILITY CONTACT:	
Date:	Contact Signature: (Agent for ConocoPhillips)
Date:	(Agent for ConocoPhillips)
Date: 6/14/18	(Agent for ConocoPhillips)
NAME OF TRANSPORTER: (D	(Agent for ConocoPhillips)

Received by O ENVIRONMENT, SOLUTION Permian Basin	B6	19/2021 12:1	Custom Ordered AFE #: PO #: Manifes	er#: (d by: (d by:)	CONOCOPH CRI2190 CLINT MERF 39 6/14/2018 MCNABB PA JOSH M79	RITT		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	42896L	9 Z 1 HILLIPS E 27 FE	
Facility: CRI											
Product / Serv	ice					Q	uantity U	Inits			
Contaminated	Soil (RC	RA Exemp	it)				20.00	yards			
Lab Analysis:	Cell	pH 0.00	CI 0.00	0.00		TUS	PCI/GN	MR/HR	H2S	% OII	Weight
Generator Cer I hereby certify to 1988 regulatory (tification	ling to the Re	esource Co	mserva	ition and Reco	overy Act (R	CRA) and	the US Enviro	onmental Prote	ction Age	ency's July
X RCRA Exem RCRA Non- characteristics es amended. The for MSDS Infor	Exempt: 6 tablished ollowing o	Oil field wast in RCRA reg locumentatio	te which is gulations, n is attach	non-h 40 CFR ed to d	azardous that \$261.21-261.2 temonstrate the	does not exe 4 or listed e abovede s	ce the m azardous v cribed was	inimum strud ar vaste as defind	ds for waste had in 40 CFR, page ous. (Check the	azardous art 261, su he approp	by ubpart D, as priate items):
Driver/ Agent :	Signatur	e			R360) Rep esei	ntativeSig	in ature			
Customer App	roval					1	/				
			-	ГНІЗ	S IS NO	T AN II	VOIC	E!			
Approved By						D	ate:				
							-				

SHIPPING FACILITY NAME & A	DDRESS:	
Company: Cor Address: Gathe Age 27 Fe Project Lead Chit Ment	(Com 24	API# 30-025-42846
LOCATION OF MATERIAL:		
Location: Company:		
S T Lea County, New Mexico	765	R_32 E
TRANSPORTER NAME & ADDR	RESS:	
McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240		
DESCRIPTION OF WASTE:		
Impacted Soil	Quantity: تونع عامل	'r
FACILITY CONTACT:		
Date:	Contact Signature: (Agent for ConocoPhil	lips)
NAME OF TRANSPORTER: (Dr	iver)	
Date: 674/8	Driver Signature:	Much
DISPOSAL SITE: Name of Disposal: Address: Date:	Representativ Signature:	e M
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ENVIRONMENT SOLUTIO Permian Basin	BE TAL NS	9/2021 12:1	Custor Ordere AFE # PO #: Manife	mer#: Cled by: Cled b	LINT MERRI)	TT		Ticket #: Bid #: Date: Generator: Generator # Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	42896L	O09Z1 PHILLIPS EXE 27 FE	309 of 376
Facility: CRI											
Product / Serv	vice					Q	uantity U	nits	7		
Contaminated	Soil (R	CRA Exem	pt)				20 00	yards			
Lab Analysis.	Cell	pH 0.00	CI 0.00	Cond. 0.00	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Generator Cei I hereby certify (1988 regulatory X RCRA Exer _ RCRA Non- characteristics es amended. The fi _ MSDS Infor Driver/ Agent	that accordeterminate oil F- Exempt: Stablished oillowing rmation	ding to the F ation, the abo ield wastes a Oil field wa in RCRA re documentati RCRA I	Resource (ove descri generated ste which egulations on is attac Hazardous	Conservati bed waste from oil a is non-haz , 40 CFR 2 shed to der s Waste Ar	on and Recoveris: Indigas explorated that do 261.21-261.24 constrate the analysis	ation and poses not exc or listed hadove-desc rocess Kn	reduction reced the mi azardouswaribed was owledg	operations and nimum stude is defined e is non-hazar Other (Prograture	are not mix rds for waste in 0 CFR, dous (Check	ed with nor hazardous part 261, so k the approp	n-exempt wa by ubpart D, as priate items
				11113	13 1101	MN III	VVOIC	etali.			
Approved By:	100					Da	ate:				

SHIPPING FACILITY NAME & AD	DRESS:
Company: Cop Address: Battle-Ane 27 Fa Project Lead: Clist Nurrity	1 Con 24 API# 30-025.42
LOCATION OF MATERIAL:	
Location: Company:	
s 27 T	765 R 33E
Lea County, New Mexico	
TRANSPORTER NAME & ADDRE	SS:
McNabb Partners 4008 N. Grimes #270 Hobbs, NM 88240	
DESCRIPTION OF WASTE:	
Impacted Soil	Quantity: 202nds
FACILITY CONTACT:	
Date: 6/1//8	Contact Signature: (Agent for ConocoPhillips)
NAME OF TRANSPORTER: (Drive	er)
Date: 6-14-18-	Driver Signature:
DISPOSAL SITE:	
Name of Disposal: Address: Date:	Representative Communication Signature:

Permian Basin	36	2021 12:19	Custo Custo Order AFE # PO #:	est #: 41 Date: 6/ # Mi	LINT MERRI 14/2018 CNABB PAR	Т	E C V V F F F	Ficket #: Bid #: Date: Generator: Generator # Well Ser. #: Well Name: Well #: Field: Rig: County		009Z1 PHILLIPS XE 27 FE	3
Facility: CRI				(e ^k							
Product / Serv	ice	lativates		100		Q	uantity Un	its	3/1/2014	12.403	
Contaminated	Soil (R	CRA Exer	npt)	•			20.00 ya		79 - 4		
	Cell	На	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis.		0.00	0.00	0.00	0			6		17	
X RCRA Exem _ RCRA Non- characteristics es amended. The fo _ MSDS Infor	Exempt: tablished illowing	Oil field w I in RCRA documenta	aste which regulation tion is atta	is non-haz s, 40 CFR 2 ched to den	ardous that do 61.21-261.24 (es not exc or listed has above-desc	eed the min azardous was cribed waste	imum standa ste as defined is non-hazar	rds for waste d in 40 CFR, dous. (Check	hazardous part 26 l. s the appro	by ubpart D, as priate items
Driver/ Agent !	Signatu	re		45-	R360 F	Represer	ntative Sig	nature	1)	e E	
Customer App	roval	C Chickens	m	September 1				C			
Approved Pur		F-1 -A 7	1/4	THIS	IS NOT		NVOICE	E!			
Approved By:	31.1	10 T		20.17	_	-6.34	ale				
2 Te		3 10 10	(*)	100 S					3 1 4		*
i, ",ore t											
	212										

11

MANIFEST # _Z_

SHIPPING FACILITY NAME & AI

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.

Battle Axe 27 Fcd Com 2H

Section 27 - Township 26 South - Range 32 East,

Lea County, New Mexico

TRANSPORTER NAME AND ADDRESS:

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

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

FACILITY CONTACT:

7/10/18

Date:

Signature of Contact:

(Agent for ConocoPhillips)

155 ards

NAME OF TRANSPORTER (Driver):

Date: 7-13-18 Signature Driver: Constant Rd.

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative

Received by OCD: 10/19/2021 12:19:22 PM

Page 313 of 376



Permian Basin

Customer: CONOCOPHILLIPS

Customer #: CRI2190 Ordered by: NEAL GOATES

AFE #: PO #:

Manifest #: CLINT MERRITT

Manif. Date: 7/13/2018

Hauler: Driver MCNABB PARTNERS

GUMER M31

Truck #
Card #
Job Ref #

Ticket #: 700-911050 Bid #: O6UJ9A0009Z1 Date: 7/13/2018

Generator: CONOCOPHILLIPS

Generator#:

Well Ser. #: 42896L

Well Name: BATTLE AXE 27 FEDERAL C

Well #: 002H

Field:

Field #:
Rig: NON-DRILLING

County LEA (NM)

Facility: CRI

Product / Service Quantity Units

Contaminated Soil (RCRA Exempt)

15.00 yards

 Cell
 pH
 Cl
 Cond.
 %Solids
 TDS
 PCI/GM
 MR/HR
 H2S
 % Oil
 Weight

 Lab Analysis.
 50/51
 0.00
 0.00
 0
 0

Generator Certification Statement of Waste Status

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

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt were 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 items MSDS Information ___ RCRA Hazardous Waste Analysis ___ Process Knowledge ___ Other (Provide description above)

Driver/ Agent Signature	R360 Representative Signature
	AVU
Customer Approval	The state of the s

THIS IS NOT AN INVOICE!

Approved By:	Date	

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.

Battle Axe 27 Fed Com 2H

Section 27 - Township 26 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:

18 vals

FACILITY CONTACT:

Date:

7/13

(Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date:

7-13-18

Signature Driver:

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Representative

Weight



Permian Basin

Customer:

Customer #: CRI2190

5

LEO

AFE #: PO#:

Manifest #:

Manif. Date: 7/13/2018 MCNABB PARTNERS

Hauler: Driver

Job Ref#

Truck # M32 Card #

CONOCOPHILLIPS

Ordered by: CLINT MARROT

Bid #: Date:

700-911200 O6UJ9A0009Z1 7/13/2018

Generator: CONOCOPHILLIPS

Generator #:

Ticket #:

Well Ser. #: 42896L

BATTLE AXE 27 FEDERAL C Well Name:

Well#: 002H

Field:

Field #:

NON-DRILLING Rig:

County

LEA (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

18.00 yards

%Solids Cell CI pH Cond Lab Analysis, 50/51 0.00 0.00 0.00

PCI/GM H₂S MR/HR % Oil

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:

TDS

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:

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.

Battle Axe 27 Fed Com 2H

Section 27 - Township 26 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:

FACILITY CONTACT:

7/0/18

Date:

Signature of Contact:

(Agent for ConocoPhillips)

2/2/

NAME OF TRANSPORTER (Driver):

Date: 7-/3-/8

Signature Driver:

Clas de

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Representative .



Permian Basin

CONOCOPHILLIPS Customer:

Customer #: CRI2190

Ordered by: NEAL GOATES

LEO M32

AFE #: PO #:

Manifest #:

Manif. Date: 7/13/2018 Hauler:

MCNABB PARTNERS

Driver

Truck # Card# Job Ref#

700-911049 Ticket #: O6UJ9A0009Z1 Bid #: Date: 7/13/2018

Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: 42896L

Well Name: BATTLE AXE 27 FEDERAL CC

002H

Well #: Field:

Field #:

Rig:

NON-DRILLING

County LEA (NM)

Facility: CRI

Quantity Units Product / Service

Contaminated Soil (RCRA Exempt)

18.00 yards

Cond. %Solids TDS PCI/GM MR/HR **H2S** % Oil Ceil Weight Lab Analysis, 50/51 0.00 0.000.00

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!

Date Approved By:

Released to Imaging: 2/24/2023 8:25:16 AM

THE STREET STREET

MANIFEST# 3

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.

Battle Axe 27 Fed Com 2H

Section 27 - Township 26 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:

FACILITY CONTACT:

Date:

7/13

Signature of Contact: (Agent for ConocoPhillips)

1 Bards

NAME OF TRANSPORTER (Driver):

7-13-18 Signature Driver:

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Representative



Permian Basin

CONOCOPHILLIPS Customer:

LEO

M32

Customer #: CRI2190 Ordered by: CLINT MERIT

AFE #:

PO #:

Manifest #: 3 Manif. Date: 7/13/2018

Hauler:

MCNABB PARTNERS

Driver Truck #

Card# Job Ref#

700-911118 Ticket #: Bid #: O6UJ9A0009Z1

7/13/2018 Date:

Generator: CONOCOPHILLIPS Generator #:

42896L Well Ser. #:

Well Name: BATTLE AXE 27 FEDERAL CO

Well #: 002H

Field: Field #:

NON-DRILLING Rig:

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 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 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

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Approved By:

Date.

Released to Imaging: 2/24/2023 8:25:16 AM

16UJ9A010UWO

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.

Battle Axe 27 Fed Com 2H

Section 27 - Township 26 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:

Loyards

FACILITY CONTACT:

Date:

7/31/18

Signature of Contact:
(Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date: 7-31-18

Signature Driver: 4

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative

Received by OCD: 10/19/2021 12:1		Customer #: C Ordered by: AFE #: PO #: Manifest #: M Manif. Date: 7 Hauler: M		CONOCOPHILLIPS CRI2190 CLINT MARRIOTT NA 7/31/2018 MCNABB PARTNERS URIEL M81			Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-916121 Page 321 of O6UJ9A0009Z1 7/31/2018 CONOCOPHILLIPS 42896L BATTLE AXE 27 FEDERAL 002H NON-DRILLING LEA (NM)			
Facility: CRI											
Product / Service				Quantity Units							
Contaminated Soil (RC	·					20.00	•				
Cell Lab Analysis: 50/51	pH 0.00	CI (Cand. 0.00	%Solids 0	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight	
Lab Analysis, bolo	0.00	0.50	0.00	•							
Generator Certification I hereby certify that accord 1988 regulatory determina X RCRA Exempt: Oil Fi RCRA Non-Exempt: (characteristics established amended. The following of MSDS Information	ling to the Rotion, the above the desired wastes go Dil field wastes in RCRA regionentation	esource Conve described enerated fro te which is regulations, 40 n is attached	iserva I wast m oil non-ha I CFR d to de	tion and Recover is: and gas explorated a cardous that do a cardous that a cardous	ntion and process not exceed the contract of t	roduction eed the mi zardous w ribed wast	operations and nimum standar raste as defined te is non-hazare	are not mixed ds for waste h in 40 CFR, p lous. (Check t	I with non azardous art 26 I, su the approp	by abpart D, as briate items);	
Driver/ Agent Signature				R360 I	R360 Representative Signature						
Gustomer Approval		T	HIS	IS NOT	AN IN	IVOIC	E!	W			
Approved By:			-		Da	ite	4				

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.

Battle Axe 27 Fed Com 2H

Section 27 - Township 26 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:

20 yards

FACILITY CONTACT:

8/2/.8

Date:

Signature of Contact:

(Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date: 8-2-18

Signature Driver:

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative

Received by ENVIRONMENT SOLUTION Permian Basin	719/2021 12	Custor Custor Ordere AFE # PO #: Manife	mer: CC mer #: CF ed by: CL : est #: 2 Date: 8/2 :: MC JO # M8	INT MERRI 2/2018 CNABB PAR SH	П	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County		42896L			
Facility: CRI											
Product / Serv	rice					Q	uantity Un	its			
Contaminated	CRA Exem	pt)	ot) 20.00 yards								
Lab Analysis:	Cell	pH 0.00	0.00	Cond. 0.00	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
I hereby certify to 1988 regulatory X RCRA Exer RCRA Non- characteristics estamended. The form MSDS Infor- Driver/ Agent	determina mpt: Oil F -Exempt: stablished ollowing or mation	ation, the ab ield wastes Oil field wa in RCRA n documentati RCRA	ove descri generated ste which egulations ion is attac	bed waste if from oil and is non-haza , 40 CFR 20 thed to dem	s: d gas explora urdous that do 61.21-261.24 c nonstrate the a alysis P	ation and possible and except the second and except the second and except the second	roduction of seed the min azardous was cribed waste	perations and imum standar ste as defined is non-hazar Other (Pro	l are not mix rds for waste I in 40 CFR, dous. (Checl	ed with nor hazardous part 261, so k the appro	n-exempt was by ubpart D, as priate items
Customer App	oroval		F I								
				THIS	IS NOT	AN IN	IVOICI	E!			
Approved By:		-				Da	ate:				

MANIFEST# 3

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.

Battle Axe 27 Fed Com 2H

Section 27 - Township 26 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:

FACILITY CONTACT:

Date:

8/2/18

Signature of Contact:

(Agent for ConocoPhillips)

20 yords

NAME OF TRANSPORTER (Driver):

Date:

Signature Driver:

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date: 8 2.18

Representative

Received by WVIRONMENT SOLUTIO Permian Basin	B6	/19/2021 12:	Customer: Customer: Customer: Ordered by AFE #: PO #: Manifest #: Manif. Date Hauler: Driver Truck # Card # Job Ref #	#: CR r: CLI 3 8/2/ MC	NT MERRIT	т		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	41370L	ODAME RATING, XE FEDE	
facility: CRI											
roduct / Serv	vice					Qı	uantity U	nits			
ontaminated	Soil (RC	CRA Exemp	ot)				20.00	yards			
	Cell	рН		nd.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
.ab Analysis.	50/57	0.00	0 00 0	.00	Ō						
Senerator Cel hereby certify to 988 regulatory X RCRA Exer RCRA Non- haracteristics es mended. The for MSDS Infor	that accord determina npt: Oil Fi -Exempt: (stablished following or rmation	ding to the Rotion, the aborield wastes good field wastes in RCRA reglocumentation RCRA H	esource Conse ve described venerated from te which is no gulations, 40 Con is attached to	ervation waste is oil and n-hazas CFR 26 to demo	n and Recove s: d gas explorat rdous that doe 61.21-261.24 o onstrate the al tlysis Pr	tion and pressure listed has bove-descriptions	roduction eed the mi zardous w ribed wast	operations and inimum standar vaste as defined to is non-hazard Other (Pro	are not mixe ds for waste in 40 CFR, lous. (Check	ed with nor hazardous part 261, so the appropriate the approximate the approxi	i-exempt was by ubpart D, as priate items).
		Ψ				UV					§
ustomer App	proval	,									Ž.
			TH	IS I	S NOT	AN IN	IVOIC	E!			
Approved By:						Da	nte:				

MANIFEST# 4

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.

Battle Axe 27 Fed Com 2H

Section 27 - Township 26 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:

20yurds

FACILITY CONTACT:

Date:

Signature of Contact:

(Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date: 8-2-18

8/2/18

Signature Driver:

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative

Zermian Basin	9:22 PM Customer: CONOCOPHILLIPS Customer #: CRI2190 Ordered by: CLINT MERRITT AFE #: PO #: Manifest #: 4 Manif. Date: 8/2/2018 Hauler: MCNABB PARTNERS Driver JOE Truck # M82 Card # Job Ref #	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	06UJ9A0009Z1 8/2/2018 CONOCOPHILLII	
Facility: CRI				
Product / Service		Quantity Units		
Contaminated Soil (RCRA Exempt	:)	20.00 yards		
Cell pH	CI Cond. %Solids TDS	PCI/GM MR/HR	H2S % O	il Weight
Lab Analysis; 50/51 0.00 0	0.00 0.00 0			
1988 regulatory determination, the above X RCRA Exempt: Oil Field wastes gen RCRA Non-Exempt: Oil field waste characteristics established in RCRA regulation amended. The following documentation	source Conservation and Recovery Act () e described waste is: nerated from oil and gas exploration and e which is non-hazardous that does not explain to the conservation of the conservat	production operations and acced the minimum standar nazardous waste as defined scribed waste is non-hazar nowledge Other (Pro	are not mixed with a rds for waste hazardo i in 40 CFR, part 261 dous. (Check the app	non-exempt was ous by , subpart D. as ropriate items
Driver/ Agent Signature	R360 Repress	ntative Signature		
Lol	11/1			
Customer Approval		1,21,1910		
	THIS IS NOT AN I	NVOICE!		
Approved By:		Date:		

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.

Battle Axe 27 Fed Com 2H

Section 27 - Township 26 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:

FACILITY CONTACT:

Date:

Signature of Contact:

20 yard

Rugh for

(Agent for ConocoPhillips)

8/2/18

NAME OF TRANSPORTER (Driver):

•

Date: 8218

Signature Driver:

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative

Received by OCD: 10/19/2021 12:19:22 PM Customer: Page 329 of 376 CONOCOPHILLIPS 700-916776 Ticket #: Customer#: CRI2190 Bid #: O6UJ9A0009Z1 Ordered by: CLINT MERRITT Date: 8/2/2018 Generator: CONOCOPHILLIPS AFE #: PO#: Generator #: ENVIRONMENTAL Manifest #: 5 Well Ser. #: 42896L SOLUTIONS Manif. Date: 8/2/2018 Well Name: BATTLE AXE 27 FEDERAL CC MCNABB PARTNERS Well#: Hauler: 002H Permian Basin Driver JOSH. Field: M89-M77 Truck # Field #: Card # NON-DRILLING Rig: Job Ref# County LEA (NM) Facility: CRI Product / Service **Quantity Units** Contaminated Soil (RCRA Exempt) 20.00 yards Cell pН Cond. %Solids TDS PCI/GM H₂S MR/HR % OII 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 wast-_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D. as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items). MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above) **Driver/ Agent Signature** R360 Representative Signature **Customer Approval** THIS IS NOT AN INVOICE! Approved By: Date:

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.

Battle Axe 27 Fed Com 2H

Section 27 - Township 26 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:

FACILITY CONTACT:

Date:

Signature of Contact:

(Agent for ConocoPhillips)

20 yards 1

NAME OF TRANSPORTER (Driver):

Date:

8218

Signature Driver:

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date: 8 2/8

Representative Signature

Released to Imaging: 2/24/2023 8:25:16 AM

Received by OCD: A ENVIRONMENTAL SOLUTIONS Permian Basin	50/19/2021 12:	Customer: Customer #: Cristomer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	CLINT MERIT	T		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	42896L	32 009Z1 PHILLIPS XE 27 FE	e 331 of 376
Facility: CRI									
Product / Service				Qı	rantity U	nits			
Contaminated Soil (F	RCRA Exemp	it)			20.00 y	/ards			
Cell Lab Analysis: 50/51	pH 0.00	CI Con 0.00 0.0		TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Generator Certification I hereby certify that accounts are gulatory determined to the certify that accounts are gulatory determined. The control of the control of the certification of the certificat	ording to the Ronation, the aborelied wastes got: Oil field wasted in RCRA reg documentation RCRA H	esource Conserve described was enerated from o te which is non- gulations, 40 CF in is attached to	vation and Recoverse is: il and gas explored hazardous that described in the contract of the c	ation and process not exceed or listed has above-desc	roduction of eed the min zardous wasteribed waste owledge	operations and nimum standar aste as defined e is non-hazaro Cother (Prov	are not mixeds for waste in 40 CFR, dous. (Check	ed with non hazardous part 261, st	by abpart D, as briate items).
			S IS NOT						
Approved By:				-Da	te:				

MANIFEST # _ 7

SHIPPING FA	CILITY	NAME &	ADDRESS
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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.

Battle Axe 27 Fed Com 2H

Section 27 - Township 26 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: 76 yards

FACILITY CONTACT:

Date:

Signature of Contact:

(Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Signature Driver:

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative

Received by ENVIRONMENT SOLUTIO Permian Basin	RG FAL NS	19/2021 12	Custome Custome Ordered AFE #: PO #: Manifest Manif. D. Hauler: Driver Truck # Card # Job Ref	by: C #: 7 ate: 8/ M	ONOC OPHIL RI2190 LINT MERITT /2/2018 ICNABB PAR' OE 182	-		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County		i3 109Z1 PHILLIPS .XE 27 FE	
Facility: CRI											7
Product / Serv	rice					Q	uantity U	nits			
Contaminated	Soil (RC	RA Exem	pt)				20.00	yards			
	Cell	pН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis.	50/51	0.00	0.00	0.00	0						
I hereby certify to 1988 regulatory X RCRA Exen RCRA Non- characteristics esamended. The form	determinat npt: Oil Fi -Exempt: Ostablished following d	tion, the about on, the about of the design of the about	ve describe enerated fro ite which is gulations, 4 on is attache	d waste om oil a non-ha. 0 CFR : ed to de	is is: and gas explorate andous that doe 261.21-261.24 o monstrate the a	tion and p es not exc or listed ha bove-desc	roduction of seed the mi- exardous weribed wast	operations and nimum standar aste as defined te is non-hazaro	are not mixe ds for waste in 40 CFR, lous, (Check	ed with non hazardous part 261, su the approp	exempt was by abpart D, as oriate items)
Driver/ Agent	Signatur	e 			R360 R	Represer	ntative Sig	gnature			
Customer App	roval					V	L				
			T	HIS	IS NOT	AN IN	IVOIC	É!			
Approved By:						Da	ste:				

MANIFEST# _ 😵

SHIPPING FACILITY N	NAME	& A	ADDRI	ESS:
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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.

Battle Axe 27 Fed Com 2H

Section 27 - Township 26 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:

20 yards

FACILITY CONTACT:

Date:

8/2/18

Signature of Contact: (Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

8-2-18

Signature Driver:

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative

Received by C ENVIRONMENT SOLUTIO Permian Basin	36 NS	19/2021 12:	Custo: Custo: Ordero AFE # PO #: Manife	mer; Comer #: Comer #: Comer #: Comer #: 8 est #: 8 Date: 8/ :: M # M	LINT MERRI	rτ		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	42896L	32 009Z1 PHILLIPS XE 27 FE	e 335 of 376
Facility: CRI											
Product / Serv						Q	uantity U				
Contaminated	Soil (RC	CRA Exem	pt)				20.00	yards			
Lab Analysis:	Ceil 50/51	pH 0.00	CI 0.00	Cond. 0.00	%Solids 0	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Generator Cer hereby certify to 1988 regulatory X RCRA Exen RCRA Non- characteristics estimated. The formatter MSDS Information of the control of the contro	that accord determina npt: Oil Fi -Exempt: (stablished following of mation	ling to the Fition, the about the control of the co	desource (ove descri generated ste which egulations on is attac	Conservation bed waste from oil at its non-haze. 40 CFR 2 ched to der	on and Recoveris: It is: It gas explorated ardous that do 261.21-261.24 constrate the analysis Possible properties.	tion and p es not exe or listed ha bove-desc ocess Kno	roduction seed the mi azardous weribed wast	operations and nimum standar aste as defined e is non-hazard Other (Prov	are not mixeds for waste in 40 CFR, lous. (Check	ed with nor hazardous part 261, s the appro	by bpart D. as priate items)
				_		180	W_				
Customer App	roval										
				THIS	IS NOT	AN IN	VOIC	E!			
Approved By:						Da	ate:				

MANIFEST# 9

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.

Battle Axe 27 Fed Com 2H

Section 27 - Township 26 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:

Teuck 78

20 work

FACILITY CONTACT:

8/2/18

Date:

Signature of Contact:

(Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date: Y

Signature Driver:

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

8218

Representative Signature

Released to Imaging: 2/24/2023 8:25:16 AM

ENVIRONMENT SOLUTIO Permian Basin	NS	50	Custo Custo Order AFE # PO #: Manife	mer; CC mer #: CF ed by: CL :: est #: 9 Date: 8/2 r: MC # 78	INT MERRI 2/2018 CNABB PAR DWARD	ΓT	8 0 9 V V V F F	icket #: bid #: bate: Generator: Generator #: Vell Ser. #: Vell #: ield: ield #: County	42896L	009Z1 PHILLIPS AXE 27 FE LLING	
Facility: CRI											
Product / Sen	rice					Q	uantity Uni	its			
Contaminated	l Soil (R	CRA Exen	ipt)				20.00 ya	irds			
	Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						
Generator Cer I hereby certify the 1988 regulatory X RCRA Exer RCRA Non- characteristics examended. The form MSDS Informative Information of the I	that accordeterming the other control of the contro	ding to the ation, the abliced wastes Oil field wastes in RCRA is documentated	Resource of the control of the contr	Conservation (bed waste from oil are is non-haze) 40 CFR 2 ched to den	on and Recoveris: ad gas explorated ardous that do 61.21-261.24 constrate the a	ation and ples not exc or listed had above-desc rocess Kn	eroduction op teed 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 I in 40 CFR, dous (Checl	ed with nor hazardous part 261, s k the appro	n-exempt wa by ubpart D, as priate items
							041				
Customer Apr	oroval		- 197	-			Out	- 145			
Gustomer App	oroval		- 191	THIS	IS NOT	AN IN	VOICE	Ē!			
Customer App Approved By:			00000				NVOICE	-1			

MANIFEST# 10

SHIPPING FACILITY NAME	& ADDRESS:
ConocoPhillips Company	
600 N. Dairy Ashford Rd, Housto	on, TX 77079
Attn. Neal Goates	
N.Goates@conocophillips.com	
832.486.2425	
LOCATION OF MATERIAL:	
ConocoPhillips Co.	
Battle Axe 27 Fed Com 2H	
Section 27 - Township 26 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:	* 1
Impacted Soil	QUANTITY:
,	Zosards
FACILITY CONTACT:	
Date:	Signature of Contact:
0/1-	(Agent for ConocoPhillips)
8/2/18	(Agent for ConocoPhillips)
NAME OF TRANSPORTER (D	Priver):
100	
Date: 8 - 2 - 18	Signature Driver:
•	
DISPOSAL SITE:	
R360	
P.O. Box 388	

Hobbs, New Mexico 88241

Date:

Representative Signature

Page 339 of 376 Received by OCD: 10/19/2021 12:19:22 PM CONOCOPHILLIFS Ticket #: 700-916842 Customer: Customer #: CRI2190 Bid #: O6UJ9A0009Z1 Ordered by: CLINT MERRITT Date: 8/2/2018 CONOCOPHILLIPS Generator: AFE#: PO #: Generator #: ENVIRONMENTAL Well Ser. #: 42896L Manifest #: 10 SOLUTIONS Manif. Date: 8/2/2018 Well Name: BATTLE AXE 27 FEDERAL CC MCNABB PARTNERS Well #: 002H Hauler: Permian Basin Field: Driver JOE M79 Field #: Truck # Rig: NON-DRILLING Card # LEA (NM) County Job Ref# Facility: CRI **Quantity Units** Product / Service 20.00 yards Contaminated Soil (RCRA Exempt) TDS MR/HR H₂S % Oil Weight Cond. %Solids PCI/GM Cell 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 wast-RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous (Check the appropriate items) MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above) R360 Representative Signature **Driver/ Agent Signature Customer Approval** THIS IS NOT AN INVOICE! Date.___ Approved By:

MANIFEST	#	<u> </u>	

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. Battle Axe 27 Fed Com 2H API# 30-025-42896 Section 27 - Township 26 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: FACILITY CONTACT:** Date: Signature of Contact: 8/3/18 (Agent for ConocoPhillips) NAME OF TRANSPORTER (Driver): Date: 8-3-14 Signature Driver: **DISPOSAL SITE:** R360 P.O. Box 388 Hobbs, New Mexico 88241

Representative Signature

Date:

Received by ENVIRONMENT SOLUTIO Permian Basi	B6	0/19/2021 12	Custon	ner: GC ner #: CF d by: CL st #: 11 Date: 8/3 MC JO	INT MERRI 3/2018 CNABB PAR ISH	ΙŦ		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	42896L	DOO9Z1 PHILLIPS AXE 27 FE	ge 341 of 37
Facility: CRI											
Product / Sen	vice					Q	uantity U	nits			
Contaminated	Soil (R	CRA Exemp	ot)				20.00	/ards			
Lab Analysis.	Cell	pH 0.00	0.00	Cord.	%Solids	TDS	PCI/GM	MR/HR	H2S_	% OII	Weight
I hereby certify 1988 regulatory X RCRA Exer RCRA Non characteristics e amended. The f MSDS Info	determina mpt: Oil 1' -Exempt: established following rmation	ation, the abo field wastes g Oil field was in RCRA re documentation RCRA H	ve describ enerated f te which is gulations, on is attach	ped waste from oil ar s non-haza 40 CFR 2 hed to don	is: and gas explora ardous that do 61.21-261.24 constrate the a alysis Pe	ation and ples not excordisted habove-descreess Kn	production ceed the mi azardous w cribed wast cowledge	operations and nimum standa aste as defined e is non-hazar Other (Pro	are not mixed ar	ed with nor hazardous part 261. s the appro	n-exempt was by ubpart D, as priate items)
Driver/ Agent	Signatu	re			R360 F	Represe	ntative Si	gnature:			
Customer App	proval										
				THIS	IS NOT	ANII	VOIC	E !			
Approved By						D	ate:				

MANIFEST # J2

SHIPPING FACILITY NAME & ADDRES

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.

MEA Battery + Bothe dre 27 Fed Court Section 30- Township 17 South - Range 32 East,

Lea County, New Mexico

30-025-42896

TRANSPORTER NAME AND ADDRESS:

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

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

20 yards

FACILITY CONTACT:

8/3/0

Date:

Signature of Contact:

(Agent for ConocoPhillips)

Chit County

NAME OF TRANSPORTER (Driver):

3318

Signature Drive

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date: 83/8

Representative Signature

Received by OCD: ENVIRONMENTAL SOLUTIONS Permian Basin	50	Custo Custo Order AFE # PO #: Manife	mer: CC mer #: CI ed by: CI b: est #: 12 Date: 8/ r: Mi	3/2018 CNABB PAR DWARD	TT		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #:	42896L	os 009Z1 PHILLIPS	ge 343 of 37
		Card : Job R	#				Rig: County	NON-DRII LEA (NM)		
Facility: CRI										
Product / Service					Q	uantity U	nits			
Contaminated Soil	(RCRA Exer	npt)				20.00	yards			
Cell Lab Analysis: 50/5		CI 0.00	Cond. 0.00	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
988 regulatory determ X RCRA Exempt: O RCRA Non-Exemplian RCRA RCRA RCRA RCRA RCRA RCRA RCRA RCR	il Field wastes pt: Oil field w hed in RCRA ng documenta n RCRA	s generated raste which regulations tion is atta-	from oil and is non-hazed, 40 CFR 20 ched to der	nd gas explora ardous that do 61.21-261 24 nonstrate the a adysis P	es not exc or listed he above-des rocess Kn	ceed the mi azardous w cribed wast	nimum standar aste as defined e is non-hazar Other (Pro	rds for waste I in 40 CFR, dous. (Cheel	hazardous part 261, s the appro	by ubpart D, as priate items
Customer Approva			THIS	IS NOT	AN II	VVOIC	E!			
Approved By:				<u> </u>	D	ale				
		4,								

6,13/20 3 1

MANIFEST# 13

SHIPPING FACILITY NAME & ADDRES	Š	
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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 Balle Ne 27 Fal COM 24 Section 36 Township 17 South - Range 32 East, Lea County, New Mexico

AP1#

30-025-42866

TRANSPORTER NAME AND ADDRESS:

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

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

20 yords

FACILITY CONTACT:

Date:

8/3/18

Signature of Contact:

(Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date: 8 - 3 - 18

Signature Driver:

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative

Received by FNVIRONMENT SOLUTIO Permian Basin	S6 TAL NS	19/2021 12	Custom	er#: CF I by: CL t#: 13 Date: 8/3 MG JC M8	INT MERRIT 3/2018 CNABB PAR	T		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	42896L	009Z1 OPHILLIPS AXE 27 FE	e 345 of 376
Facility: CRI											
Product / Serv	vice					Q	uantity U				
Contaminated	Soil (RC	RA Exem	pt)				20.00	yards			
Lab Analysis.	Cell	pH 0.00	0.00	0.00	%Solids 0	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Generator Cel I hereby certify to 1988 regulatory X RCRA Exer RCRA Non- characteristics elemended. The foundation of the management of the foundation of the	that accord determinat npt: Oil Fi -Exempt: (stablished following d rmation	ling to the R tion, the abo eld wastes g Dil field was in RCRA re ocumentation RCRA F	desource Co ove describe generated fr ste which is egulations, 4 on is attach	onservations on oil are non-haza to CFR 2	on and Recoveris: and gas explorate ardous that does 61.21-261.24 on onstrate the analysis Property of the	tion and per not exe or listed he bove-descocess Kn	production seed the mi azardous w cribed wast owledge	operations and nimum standar aste as defined te is non-hazard Other (Pro	are not mix- ds for waste in 40 CFR, dous. (Check	ed with nor hazardous part 26 l, s k the appro	n-exempt wast by ubpart D. as priate items);
Driver/ Agent	Signatur	e		Magazine in the	R360 F	Represer	tative Si	gnature			
	105	2			(MI					
Customer App	proval										
			T	HIS	IS NOT	AN II	VVOIC	E!			
Approved By:						וכו	ate:				

MANIFEST# 14

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 Battle Ave 27 Fred Com 24

Section 30 - Township # South - Range 32 East,

Lea County, New Mexico

1P/# 36-25-42896

TRANSPORTER NAME AND ADDRESS:

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

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

20 yerds

FACILITY CONTACT:

Date:

8/3/8

Signature of Contact:

(Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date: 8-3-18

Signature Driver:

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative

Received by ENVIRONMENT SOLUTIO Permian Basin	REFAL	19/2021 12 500	Custom Custom Ordere AFE #: PO #: Manifes	st #: 14 Date: 8/3 MG JC	INT MARRIT 8/2018 CNABB PART ISH	Γ	E C C V V F F F	Ficket #: Bid #: Date: Senerator: Generator #: Well Ser. #: Well #: Field: Rig: County		8 009Z1 PHILLIPS XE 27 FE	
Facility: CRI											
Product / Serv	rice					Qı	uantity Un	its			
Contaminated	Soil (RC	CRA Exem	pt)				20.00 ya	ards			
	Cell	pН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis.	50/51	0.00	0.00	0.00	0						
characteristics earmended. The f	determina npt: Oil Fi -Exempt: (stablished following c	tion, the about tion, the about the desired wastes gold to the about the abo	ove describ generated f ste which i gulations. on is attach	ed waste from oil an s non-haza 40 CFR 2 hed to den	is: Id gas explora ardous that do 61.21-261.24 c	tion and p es not exc or listed ha bove-desc	roduction of seed the min azardous wa cribed waste	perations and imum standar ste as defined is non-hazar	are not mixe ds for waste I in 40 CFR, dous. (Check	ed with nor hazardous part 261, si the appro	n-exempt wa by abpart D. as priate iteas
Driver/ Agent	Signatur	e			R360 F	Represent	tetive Sig	nature			
				-	-	011	///				
Customer App	proval										
				THIS	IS NOT	AN IN	IVOICI	Ξ!			
Approved By:						Ďa	ate:				

2 8 9 8

MANIFEST # _/S_____

SHIPPING FACILITY NAME	E & ADDRESS:
ConocoPhillips Company	
600 N. Dairy Ashford Rd, Houst	ton, TX 77079
Attn. Neal Goates	
N.Goates@conocophillips.com	
832.486.2425	
000.100.2120	
LOCATION OF MATERIAL:	
ConocoPhillips Co.	
MCA Battery 1 Battle Ive	27 Fed COM 34 API# 30. 75-42886
Section 30 - Township 17 South	
Lea County, New Mexico	n - Range 52 East,
Lea County, New Mexico	
TID A MODODERN MARKE AND	INDARCO
TRANSPORTER NAME AND	ADDRESS:
Mantala Danta ana	
McNabb Partners	
4008 N. Grimes	
Hobbs, New Mexico 88240	
575.397.0050	
DESCRIPTION OF WASTE:	
Impacted Soil	QUANTITY:
	Toyards
FACILITY CONTACT:	
Date:	Signature of Contact:
8/3/14	(Agent for ConocoPhillips)
17/18	(Born tru control minho)
NAME OF TRANSPORTER (Driver):
	(1- Misself
Date: 8918	Signature Driver:
Date.	Signature Priver.
DIODOGAY GYOR.	
DISPOSAL SITE:	
D270	
R360	
P.O. Box 388	
Hobbs, New Mexico 88241	Ω 10
CANIC	
Date: XXX	Representative /////
0 0101	Signature Color

Received by ENVIRONMENT SOLUTIO. Permian Basin	36 TAL NS	19/2021 12:	19:22 PM Custome Custome Ordered AFE #: PO #: Manifesi Manif. D Hauler: Driver Truck # Card # Job Ref	er: Cer #: C i by: C t #: 1 late: 8 N	LINT MERRIT 5 /3/2018 ICNABB PAR IOWARD	г		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	42896L	9 009Z1 PHILLIPS XE 27 FE	
Facility: CRI											
Product / Serv	vice					Qı	uantity Ur	nits			
Contaminated	Soil (RC	RA Exemp	t)) 20.00 yards							
Lab Analysis:	Cell 50/51	pH 0.00	0.00	Cond. 0.00	%Solids 0	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Generator Cer I hereby certify to 1988 regulatory of X RCRA Exen RCRA Non- characteristics es amended. The for MSDS Infor Driver/ Agent	that accord determinat npt: Oil Fiden Exempt: Control stablished following demander ination	ing to the Retion, the above ald wastes got of the control of the	esource Co we describe enerated from which is gulations, 4 n is attache	inservated waste om oil a non-ha lo CFR ed to de	ion and Recove e is: and gas explorat zardous that doe 261.21-261.24 o monstrate the a nalysis Pr	tion and p es not exc or listed had bove-desc vocess Kno	roduction of eed the min azardous was cribed waste	operations and nimum standar aste as defined is non-hazard Other (Pro	are not mixeds for waste in 40 CFR, dous. (Check	ed with nor hazardous part 26 l, so the appro	n-exempt wa by ubpart D; as priate items)
Customer App	oroval					_//	40/				
			Т	HIS	IS NOT	AN IN	IVOIC	E!			
Approved By						Da	ate				

8/3/07/18:11

MANIFEST # 16

SHIPPING FACILITY NAME &	& ADDRESS:
ConocoPhillips Company	
600 N. Dairy Ashford Rd, Housto	n TX 77079
Attn. Neal Goates	i, In (101)
N.Goates@conocophillips.com	
832.486.2425	
LOCATION OF MATERIAL:	
Consea Phillips Co	1.2 27 Fed Com 24 API# - Range 32 East, 30-25-4
MCA Datas 1	1 22-1- API#
MLA Battery 1 - 13-17/2	Mic Cf Fed Com 24
	- Range 32 East, 30 - 23 - 9
Lea County, New Mexico	
TRANSPORTER NAME AND A	ADDECC.
TRANSFORTER NAME AND	KDDRESS:
McNabb Partners	
4008 N. Grimes	
Hobbs, New Mexico 88240	
·	
575.397.0050	
DESCRIPTION OF WASTE:	
Impacted Soil	QUANTITY:
mipueteu oon	Toyards
EA CH INV COMPACE	
FACILITY CONTACT:	
Date:	Signature of Contact:
	(Agent for ConocoPhilling)
8/3/18	(Agent for ConocoPhillips)
NAME OF TRANSPORTER (D	river):
	1
Date: 8-3-18	Signature Driver:
DISPOSAL SITE:	
R360	
P.O. Box 388	
	\mathcal{N}
Hobbs, New Mexico 88241	/// //
4 .	1/1/1/
Date:	Representative /////
	Signature

Received by OCD: 10/19/2021 12: SOLUTIONS Permian Basin	Customer: CONOCGPHILLI Customer #: CRI2190 Ordered by: CLINT MERRIT AFE #: PO #: Manifest #: 16 Manif, Date: 8/3/2018 Hauler: MCNABB PARTI Driver JOE Truck # M82 Card # Job Ref #	Bid #: Date: Generator: Generator: Well Ser. # Well Name	#: !; 42896 L
Facility: CRI			
Product / Service		Quantity Units	
Contaminated Soil (RCRA Exemp	ot)	20.00 yards	
Cell pH		TDS PCI/GM MR/HR	H2S % Oil Weight
ab Analysis; 50/51 0.00	0.00 0.00 0		
Generator Certification Statement hereby certify that according to the Res. 988 regulatory determination, the above X RCRA Exempt: Oil Field wastes getter RCRA Non-Exempt: Oil field wastes that acceptains the statement of the following documentation MSDS Information RCRA Hereal RCRA Hereal RCRA Hereal RCRA Hereal RCRA Hereal RCRA Hereal RCRA RCRA RCRA RCRA RCRA RCRA RCRA RCR	esource Conservation and Recovery ve described waste is: enerated from oil and gas exploration to which is non-hazardous that does gulations, 40 CFR 261.21-261.24 or on its attached to demonstrate the about the second contract of	on and production operations ar not exceed the minimum stand listed hazardous waste as defin- ove-described waste is non-haza	nd are not mixed with non-exempt we lards for waste hazardous by ed in 40 CFR, part 261, subpart 12, as ardous. (Check the appropriate items
Oriver/ Agent Signature	R360 Re	presentative Signature	
200		c/\///	
Customer Approval			
ruotomo: ripprovar	THIS IS NOT A	N INVOICE!	
Approved By		Date:	-

MANIFEST# 17

SHIPPING FACILITY NAME	& ADDRESS:			
ConocoPhillips Company	MT			
600 N. Dairy Ashford Rd, Housto	on, TX 77079			
Attn. Neal Goates				
N.Goates@conocophillips.com				
832.486.2425				
LOCATION OF MATERIAL:			Λρι #	
ConocoPhillips Co.				
	the 27 Fel a	24 ZH	36-25-47	9 4 /
Section 39 Township & South	- Range 32 East,		()	076
Lea County, New Mexic				
TOO A SIGNODOTTED BLASSE AND	A DDDECG.			
TRANSPORTER NAME AND	AUUKESS:			
McNabb Partners				
4008 N. Grimes				
Hobbs, New Mexico 88240				
575.397.0050				
DESCRIPTION OF WASTE:				
Impacted Soil	QUANTITY:			
•	QUANTITY: 20	yerds		
FACILITY CONTACT:				
Date:	Signature of Con-	tact:		
8/3/18	(Agent for Conocol	Phillips)(-L	Mar 1991	
0/3/18	(1 spont for Concoon		Murt	
NAME OF TRANSPORTER (E	Oriver):	10		
Date: 8 3/8	d:	SUCC &	22	
Date: 0 77 V	Signature Driver:	por	-	
DISPOSAL SITE:		,		
R360				
P.O. Box 388		_ /)	1	
Hobbs, New Mexico 88241		11/11/1	<i>!</i>	
LLUUUS, ITOTT ITEMBOU OUR (I		/_//////		
Date:	Representative	14/1//		
	Signature	000		

Received by C ENVIRONMENT SOLUTION Permian Basin	SG TAL NS	719/2021 12	Custom Custom Ordered AFE #: PO #: Manifes	er; CC er#; CF d by; CL st#: 17 Date: 8/3 M JC	LINT MARRI 3/2018 CNABB PAR SH	ΙΤ		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	42896L	96 009Z1 PHILLIPS	e 353 of 376
Facility: CRI											
Product / Serv	rice					Q	uantity U	nits			
Contaminated	Soil (RO	CRA Exem	pt)				20.00	/ards			
Lab Analysis:	Cell	pH 0.00	CI 0.00	Cond. 0.00	%Solids 0	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
characteristics es amended. The fo	hat accord determina apt: Oil F: Exempt: v stablished ollowing of mation Signatur	ding to the R tion, the abo ield wastes g Oil field was in RCRA re documentatio RCRA F	lesource Cove describe generated fiste which is egulations, 4 on is attach	onservation of waste from oil are non-haze 40 CFR 2 ed to den	on and Recoveris: and gas explora ardous that do 61.21-261.24 constrate the a alysis Pi	tion and p es not exc or listed had bove-desc rocess Kno	roduction (eed the minazardous worlded wast	operations and nimum standar aste as defined e is non-hazar Other (Pro	are not mixeds for waste in 40 CFR.	ed with nor hazardous part 261, so the appro	n-exempt wa by ubpart D. as priate (tems)
			٦	гніѕ	IS NOT	AN IN	VOIC	E!			
Approved By:						Da	ate:				

MANIFEST# /と

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.

MEA Battery 1 Batter fre 27 Fed Con 21

Section 30- Township 15 South - Range 32 East,

Lea County, New Mexico

AY1#

30.25.42856

TRANSPORTER NAME AND ADDRESS:

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

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

TRALL 18

FACILITY CONTACT:

Date:

8/3/18

Signature of Contact:

(Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date: # 318

Signature Driver:

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date: 83 18

Representative

ENVIRONMENTAL SOLUTIONS Permian Basin	Customer: CONOCC 中知LLIPS Customer #: CRI2190 Ordered by: CLINT MERPITT AFE #: PO #: Manifest #: 18 Manif. Date: 8/3/2018 Hauler: MCNABB PARTNERS Driver HOWARD Truck # 78 Card # Job Ref #	Ticket #: Bid #: Date: Generator: Generator#: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	
Facility: CRI			
Product / Service		Quantity Units	
Contaminated Soil (RCRA Exemp	ot)	20.00 yards	
Cell pH	Cl Cond. %Solids TDS	PCI/GM MR/HR	H2S % Oil Weight
1988 regulatory determination, the abo	esource Conservation and Recovery Act (production operations and sceed the minimum standar	are not mixed with non-exempt wards for waste hazardous by
RCRA Non-Exempt: Oil field was characteristics established in RCRA reamended. The following documentation RCRA H	gulations, 40 CFR 261.21-261.24 or listed on is attached to demonstrate the above-delazardous Waste Analysis Process K	scribed waste is non-hazard nowledge Other (Pro	dous. (Check the appropriate items
RCRA Non-Exempt: Oil field was characteristics established in RCRA reamended. The following documentation	gulations, 40 CFR 261.21-261.24 or listed on is attached to demonstrate the above-delazardous Waste Analysis Process K	scribed waste is non-hazare	dous. (Check the appropriate items
RCRA Non-Exempt: Oil field was characteristics established in RCRA reamended. The following documentation RCRA H	gulations, 40 CFR 261.21-261.24 or listed on is attached to demonstrate the above-delazardous Waste Analysis Process K	scribed waste is non-hazard nowledge Other (Pro	dous. (Check the appropriate items
RCRA Non-Exempt: Oil field was characteristics established in RCRA reamended. The following documentation RCRA H Driver/ Agent Signature	gulations, 40 CFR 261.21-261.24 or listed on is attached to demonstrate the above-delazardous Waste Analysis Process K	scribed waste is non-hazard nowledge Other (Pro entative Mgnature	dous. (Check the appropriate items

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 Balla Axe 27 Fed Con 24

Section 36 - Township 13 South - Range 32 East,

Lea County, New Mexico

APIH

36-25-42896

TRANSPORTER NAME AND ADDRESS:

McNabb Partners 4008 N. Grimes

Hobbs, New Mexico 88240

575.397.0050

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

20 yards

FACILITY CONTACT:

Date:

8/3/18

Signature of Contact:

(Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date: 8-3-18

Signature Driver:

Free

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative

MANIFEST# <u>70</u>

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.

MCAR Battle Axe 27 Fel Com 24

Section 38- Township 17 South - Range 32 East,

Lea County, New Mexico

30-025-42816

TRANSPORTER NAME AND ADDRESS:

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

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

Tark To Toyals

FACILITY CONTACT:

Date:

8/6/18

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 ENVIRONMENT SOLUTIO Permian Basin	Custon Custon Ordere AFE #: PO #: Manife Manif. Hauler: Driver Truck # Card # Job Re	ner#: d by: st#: Date:	CRI21 CLINT 20 8/6/20	ON ME 18 (BB PAF	19-		Ticket #. Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	42896L	DPHILLIPS AXE 27 FE	e 359 of 376		
Facility: CRI												
Product / Serv		Quantity Units										
Contaminated	Soil (RC	ot)					20.00 yards					
	Cell	рН	CI	Cond		Solids	TDS	PCI/GM	MR/HR	H2S	% OII	Weight
Lab Analysis.	50/51	0.00	0.00	0.00	U	0						
Generator Cer I hereby certify to 1988 regulatory X RCRA Exen RCRA Non- characteristics es amended. The for MSDS Infor Driver/ Agent	that accord determina npt: Oil Fi -Exempt: (stablished following of mation	ling to the R tion, the abo eld wastes g Dil field was in RCRA re locumentatio RCRA F	esource Cove describ generated to ste which in gulations, on is attac	Conserved was from oild is non-like to the decired to the conserved was a conserved to the conserved was a conserved to the conserved was a co	ation ar ste is: I and ga nazardo R 261.2 demons	as explor us that de 1-261.24 trate the is F	ation and pooes not excoor listed had above-desc	roduction eed the mi zardous w ribed wast owledge	operations and inimum standar raste as defined te is non-hazard Other (Pro-	are not mix ds for waste in 40 CFR, lous. (Cheel	ed with nor hazardous part 26 l, so the appro	n-exempt was by ubpart D. as priate items):
Customer App	proval	Con serio	,	THIS	s IS	NOT	AN IN	IVOIC	e! W	~		
Approved By:												

MANIFEST# 21

SHIPPING FACILITY NAME	& ADDRESS:								
ConocoPhillips Company	· · · · · · · · · · · · · · · · · · ·								
600 N. Dairy Ashford Rd, Houst	on, TX 77079								
Attn. Neal Goates	•								
N.Goates@conocophillips.com									
832.486.2425									
LOCATION OF MATERIAL:	Aiolu								
ConocoPhillips Co.	101 4								
MCABORET - Outle Are Feel Comz4 30-075.									
Section 30 - Township 17 South									
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:								
	Toyards								
FACILITY CONTACT:									
Date: , ,	Signature of Contact:								
8/6/18	(Agent for ConocoPhillips)								
_ / 7/8									
NAME OF TRANSPORTER (Driver):								
The second secon	do-								
Date: 8618	Signature Driver:								
DISPOSAL SITE:	·								
R360									
P.O. Box 388									
Hobbs, New Mexico 88241									
,									
Date:	Representative ()								
マルメル マ	Signature (M)								

Received by ENVIRONMEN SOLUTION Permian Basi	BE TAL ONS	50	Custom Ordered AFE #: PO #: Manifes	er#: CF d by: CL st#: 21 Date: 8/6 M0 JC M7	3/2018 CNABB PAR ISH	RRIT		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	42896L	09Z1 PHILLIPS XE 27 FE	
Facility: CRI											
Product / Ser	vice					Q	uantity U	nits			
Contaminated	d Soil (R	CRA Exen	npt)				20 00	yards			
	Cell	pН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis.	50/51	0.00	0.00	0.00	0						
Generator Ce I hereby certify 1988 regulatory X RCRA Exe RCRA Non characteristics e amended. The : MSDS Info Driver/ Agent	that accordance that accordance determinate the control of the con	ding to the action, the ablication, the ablication wastes Oil field will in RCRA adocumentat RCRA	Resource Co ove describ generated fi aste which is regulations, ion is attach	onservationed waste rom oil ar son-haza 40 CFR 2 ted to den	on and Recoveris: and gas explorated ardous that do 61.21-261.24 constrate the a alysis Po	ation and ples not excordisted his bove-desirocess Kn	production ceed the mi azardous w cribed wast	operations and nimum standar aste as defined e is non-hazar Other (Pro	are not mixe ds for waste l l in 40 CFR, p dous. (Check	d with nor hazardous part 261, so the appro- ion above)	n-exempt was by ubpart D, as priate items):
Customer Ap	proval	4-7-3					- 110				
			1	THIS	IS NOT	AN II	VOIC	E! \	M		
9									4		
Approved By:						D	ate:				

MANIFEST# 72

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 Buffle like ZZ Fel Con ZK Section 30 - Township 17 South - Range 32 East,

Lea County, New Mexico

30-025-42896

TRANSPORTER NAME AND ADDRESS:

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

DESCRIPTION OF WASTE:

Impacted Soil

QUANTITY:

Zo yards

FACILITY CONTACT:

Date:

Signature of Contact:

(Agent for ConocoPhillips)

NAME OF TRANSPORTER (Driver):

Date: 8-12-18

Signature Driver:

DISPOSAL SITE:

R360

P.O. Box 388

Hobbs, New Mexico 88241

Date:

Representative

Signature

Received by OCD: 10/19/2021 1 RECEIVED BY OCD: 10/19/2021 1 VIRONMENTAL SOLUTIONS rmian Basin	Customer #:	CLINTON MERI	RIT		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-917917 O6UJ9A000 8/6/2018 CONOCOP 42896L BATTLE AX 002H NON-DRILL LEA (NM))9Z1 HILLIPS SE 27 FE	
cility: CRI								
oduct / Service			Q	uantity U	nits			
ntaminated Soil (RCRA Exemp	t)			20.00	yards			
Cell pH	Cl Con	d. %Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
b Analysis: 50/51 0.00	0.00	0 0						· ·
enerator Certification Statement ereby certify that according to the Re 88 regulatory determination, the above RCRA Exempt: Oil Field wastes ge RCRA Non-Exempt: Oil field waster accteristics established in RCRA regulated. The following documentation MSDS Information RCRA Ha	esource Conserve de described was enerated from one which is non- culations, 40 CF in is attached to	vation and Recover ste is: il and gas explorat hazardous that doe R 261.21-261.24 or demonstrate the ab	ion and p s not exc listed h pove-des	production ceed the mi azardous w cribed was	operations and inimum standar vaste as defined te is non-hazaro	are not mixed ds for waste h in 40 CFR, pa dous, (Check t	I with non azardous art 261, su the approp	-exempt wast by hpart D, as oriate items):
iver/ Agent Signature		R360 R	epresei	ntative Si	gnature		-8	
stomer Approval		/4				W.		
	THE	S IS NOT	AN II	VOIC	E!	.c.#.		
pproved By:			D	ate				

MANIFEST# 73____

SHIPPING FACILITY NAME	E & ADDRESS:	
ConocoPhillips Company		
600 N. Dairy Ashford Rd, Hous	ston, TX 77079	
Attn. Neal Goates	,	
N.Goates@conocophillips.com		
832.486.2425		
LOCATION OF MATERIAL		A WILL
ConocoPhillips Co.		V61#
MCA Battery C. dle	Are 27 Feel Com CH	30-07
Section 30 - Township 17 Sout		
Lea County, New Mexico	-	
, , , , , , , , , , , , , , , , , , ,		
TRANSPORTER NAME AND	D ADDRESS:	
McNabb Partners		
4008 N. Grimes		
Hobbs, New Mexico 88240		
575.397.0050		
DESCRIPTION OF WASTE:		
Impacted Soil	QUANTITY: 20 yards	
	20 9 20 3	
FACILITY CONTACT:		
Date:	Signature of Contact:	
8/6/18	(Agent for ConocoPhillips)	- 2
10/10	(Same as a sound of Same as a s	
NAME OF TRANSPORTER	(Driver):	
- 8/		
Date: 86 (8	Signature Driver:	
	/	
DISPOSAL SITE:		
77.60		
R360		
P.O. Box 388		
Hobbs, New Mexico 88241		
D		
Date:	Representative	0110

Received by OCD: 10/19/2021 12:19:22 PM Page 365 of 376 CONOCOPHILLIPS Ticket #: 700-917954 Customer #: CRI2190 O6UJ9A0009Z1 Bid #: Ordered by: CLINTON MERRIT Date: 8/6/2018 AFE #: Generator: CONOCOPHILLIPS PO #: Generator #: VIRONMENTAL Manifest #: 23 Well Ser. #: 42896L SOLUTIONS Manif. Date: 8/6/2018 Well Name: BATTLE AXE 27 FEDERAL CC MCNABB PARTNERS Hauler: Well #: 002H rmian Basin Driver JOSE Field: M79 Truck # Field #: Card # Rig: NON-DRILLING Job Ref# County LEA (NM) cility: CRI oduct / Service **Quantity Units** ntaminated Soil (RCRA Exempt) 20.00 yards Cond. %Solids TDS PCI/GM MR/HR % Oil Hg H2S Weight b Analysis. 50/51 0.00 0.00 0.00 nerator Certification Statement of Waste Status ereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 38 regulatory determination, the above described waste is: RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast-RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by racteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as ended. 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) ver/ Agent Signature R360 Representative Signature stomer Approval THIS IS NOT AN INVOICE! proved By: Date:

UJGA011DSA Released to Imaging: 2/24/2023 8:25:16 AM

MANIFEST# 29

SHIPPING FACILITY NAME & ConocoPhillips Company 600 N. Dairy Ashford Rd, Houston Attn. Neal Goates N.Goates@conocophillips.com 832.486.2425		
ConocoPhillips Co. MCA Battery 1 County Section 38 - Township 17 South Lea County, New Mexico	77 Fel COM ZH - Range 32 East,	30-025-42896
TRANSPORTER NAME AND A	ADDRESS:	
McNabb Partners 4008 N. Grimes Hobbs, New Mexico 88240 575.397.0050		
DESCRIPTION OF WASTE: Impacted Soil	QUANTITY: 20 yords	\$
FACILITY CONTACT:		
Date: 8/6/8	Signature of Contact: (Agent for ConocoPhillips)	Who was a second
NAME OF TRANSPORTER (D	river):	1.1
Date: 8418	Signature Driver Male	h,
DISPOSAL SITE:		
R360 P.O. Box 388 Hobbs, New Mexico 88241		
Date: 8 / 12/18	Representative Signature	Judinez

Received by ENVIRONMENT SOLUTIO Permian Basin	B6	/19/2021 1. 500		mer#; Cled by: Cled by: Clest#; 14 Date: 8/r; Minumer#; Minumer*;	ONOCOPHIL RI2190 LINTON MEF 6/2018 CNABB PAR OWARD 78	RRIT		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County		09Z1 PHILLIPS KE 27 FE	
Facility: CRI											
Product / Serv	vice	No. of				Qı	uantity Ur	nits			
Contaminated	Soil (RO	CRA Exem	ipt)				20.00 y	ards			
	Cell	pН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						
Driver/ Agent	that accord determina mpt: Oil F -Exempt: stablished following or rmation Signatur	ding to the lation, the abicled wastes Oil field wain RCRA radocumentat RCRA	Resource (ove descri generated iste which egulations ion is attac	Conservati ibed waste from oil a is non-haz i, 40 CFR 2 ched to der	on and Recover is: Indigas explorate that do 261.21-261.24 of monstrate the analysis Property of the prop	tion and p les not exc or listed had above-desc rocess Kno	production of seed the min azardous was cribed waste	perations and nimum standar aste as defined is non-hazare Other (Pro	are not mixed ds for waste h in 40 CFR, p dous. (Check	I with nor nazardous art 261, so	n-exempt was by ubpart D, as priate items)
Customer App	proval			THIS	IS NOT	AN IN	VOIC	E!			
Approved By						Da	ate:				

MANIFEST# 25

SHIPPING FACILITY NAME	& ADDRESS:	
ConocoPhillips Company		
600 N. Dairy Ashford Rd, Houst	ton, TX 77079	
Attn. Neal Goates	,	
N.Goates@conocophillips.com		
832.486.2425		
LOCATION OF MATERIAL:		
ConocoPhillips Co.	MP14	
MCA Battery L. Baffle Are	27 Fel COM74	-
Section 30 - Township 17 South	h - Range 32 East.	25-42816
Lea County, New Mexico		120/6
202 (00111),11011 11211100		
TRANSPORTER NAME AND) ADDRESS:	
	TARPET SALAS	
McNabb Partners		
4008 N. Grimes		
Hobbs, New Mexico 88240		
575.397.0050		
373.397.0030		
DESCRIPTION OF WASTE:		
Impacted Soil	QUANTITY:	
impacieu bon	203415	
FACILITY CONTACT:		
racibili contact.		
Date:	Signature of Contact:	
8/1/	(Agent for ConocoPhillips)	
0/6/18	(ingome for consect manips) Life and the consection of the consect	
NAME OF TRANSPORTER (I	Driver):	
	Direct,	
Date: 8-12-15	Signature Driver:	
2 8-67 73		-
DISPOSAL SITE:	•	
DIST COME OF IL.		
R360		
P.O. Box 388		
Hobbs, New Mexico 88241		
110000, THEW MICAN O COLT		
Date \ \ \	Representative	
S 110/18	Signature TWWW	40
10010	Organica Co.	X-L

Contaminated Soil (RCRA Exempt) 20.00 yards Cell pH Cl Cond. %Solids TDS PCI/GM MR/HR H2S % Oil Weight Lab Analysis: 50/51 0.00 0.00 0.00 0 Generator Certification Statement of Waste Status Thereby 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 a 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	Contaminated Soil (RCRA Exempt) Cell pH Cl Cond. %Solids TDS PCI/GM MR/HR H2S % Oil Weight Lab Analysis: 50/51 0.00 0.00 0.00 0.00 0 Generator Certification Statement of Waste Status Thereby 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 we 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 THIS IS NOT AN INVOICE!	Received by OCD: 10/19/2021 12: SOLUTIONS Permian Basin	Customer #:	CONOCOPHIL CRI2190 CLINTON MEF 25 8/6/2018 MCNABB PAR JOE M82	RRIT		Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-91796 O6UJ9A00 8/6/2018 CONOCOL 42896L BATTLE A 002H NON-DRIL LEA (NM)	DO9Z1 PHILLIPS XE 27 FE	e 369 of 376
Contaminated Soil (RCRA Exempt) 20.00 yards Cell pH Cl Cond. %Solids TDS PCI/GM MR/HR H2S % Oil Weight Lab Analysis: 50/51 0.00 0.00 0.00 0.00 0 Generator Certification Statement of Waste Status Thereby 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	Contaminated Soil (RCRA Exempt) Cell pH Cl Cond. %Solids TDS PCI/GM MR/HR H2S % Oil Weight Lab Analysis. 50/51 0.00 0.00 0.00 0 Generator Certification Statement of Waste Status Thereby 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, 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 THIS IS NOT AN INVOICE!	Facility: CRI								
Cell pH Cl Cond. %Solids TDS PCI/GM MR/HR H2S % Oil Weight Lab Analysis: 50/51 0.00 0.00 0.00 0.00 0 Generator Certification Statement of Waste Status Chereby 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 war. 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 THIS IS NOT AN INVOICE!	Cell pH CI Cond. %Solids TDS PCI/GM MR/HR H2S % Oil Weight Lab Analysis: 50/51 0.00 0.00 0.00 0.00 0 Generator Certification Statement of Waste Status Chereby 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, at 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 THIS IS NOT AN INVOICE!	Product / Service	74. 9.43		Q	antity U	nits			
Generator Certification Statement of Waste Status Thereby 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	Generator Certification Statement of Waste Status Thereby 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 a 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 261.24 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	Contaminated Soil (RCRA Exemp	t)			20.00	yards			
Generator Certification Statement of Waste Status Thereby 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	Generator Certification Statement of Waste Status Thereby 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 well 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, at 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 THIS IS NOT AN INVOICE!		CI Con	d. %Solids	TDS	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 get RCRA Non-Exempt: Oil field wastes characteristics established in RCRA regulatory MSDS Information RCRA Ha Driver/ Agent Signature Customer Approval	t of Waste Statesource Conserve described was enerated from one which is nongulations, 40 CF is attached to azardous Waste	atus vation and Recove ste is: il and gas explora hazardous that do R 261.21-261.24 d demonstrate the a Analysis _ Pi	tion and p es not exc or listed ha above-desc rocess Kno Represen	roduction eed the miczardous waribed wastowledge fative Signature	operations and nimum standar raste as defined to is non-hazard Other (Prognature	are not mixe ds for waste in 40 CFR, dous. (Check vide descript	ed with non hazardous part 261, so the approp	n-exempt was by ubpart D, as priate items)

MANIFEST# Z6

		_
SHIPPING FACILITY NAME	& ADDRESS:	
ConocoPhillips Company		
600 N. Dairy Ashford Rd, Housto	on, TX 77079	
Attn. Neal Goates		
N.Goates@conocophillips.com		
832.486.2425		
LOCATION OF MATERIAL:	Abill	
ConocoPhillips Co.	APIH	
MCA Battery 1 2 Battle free	77 Fel Com 14 30-05	25-42896
Section 30 - Township 17 South		3-42896
Lea County, New Mexico		
TRANSPORTER NAME AND	ADDRESS:	_
McNabb Partners		
4008 N. Grimes		
Hobbs, New Mexico 88240 575.397.0050		
373.397.0030		
DESCRIPTION OF WASTE:		
Impacted Soil	QUANTITY:	
	20ywds	
FACILITY CONTACT:		_
Date: Od Ja	Signature of Contact:	
Date: 86/8	Signature of Contact: (Agent for ConocoPhillips)	
	(rigont for conocci minipo)	
NAME OF TRANSPORTER (D	Oriver):	
_ 8618	10500	
Date:	Signature Driver:	
DISPOSAL SITE:		
R360		
P.O. Box 388		
Hobbs, New Mexico 88241		
Date:	Representative	
	Signature	



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company	Man	Contact	Information

APPPRAICY TAL SOLUTIONS		(PLEASE PRINT)	Dh	name
		GENERATOR		
Operator Na. Operators Name		Permit/RF Lease/We Name & N	II	326217
Address		County API No.	-100	
City, State, Zip		Rig Name	8. No.	
Phone No		AFE/PO N	j	
	Waste/Service Identification a	nd Amount (place volume ne		cubic yards)
Oil Based Muds Oil Based Cuttings	NON-INJECTABLE WATERS Washout Water (Non-Injectable)	oje)	INJECTABLE WATERS Washou: Water (Inject	able)
Water Based Muds	Completion Fluid/Flow back (N	Non-Injectable)	Completion Fluid/Flow	
Water Based Cuttings Produced Formation Solids	Produced Water (Non-Injectal Gathering Une Water/Waste (Produced Water (Injection Gathering Line Water)	
Tank Bottoms	INTERNAL USE DNEY		OTHER EXEMPTWASTE	S (type and generation process of the works)
E&P Contaminated Soil Gas Plant Waste	Truck Washout (exempt waste	=)		
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTION	GATHERING LINES
		&? Waste/Service Identification :		
All non-exempt && Non-Exempt Other	P wasto must be analysed and be t		elty (TCLP), Ignitability, Corrosivit select from Non-Exempt Waste I	
		pieuse:	Elect from Num Exempt Woste	HOE DE DE DE
QUANTITY	B - BARRELS	L - LIQUID	Y-Y!	ARDS E- EACH
RCRA EXEMPT: load basis only. RCRA NON-EXEMPT: Oil field waste: 261.21-261.24, hazardous is at MSDS information.) which is non-hazardous that does or listed hazardous waste as defir tached. (Check the appropriate ite RCRA Hazard	not exceed the minimum standar ned by 40 CFR, part 261, subpart t rms as provided) dous Waste Analysis	ds for waste hazardous by charact, as amended. The following doc	
I FMERGENCY NON-DILFERD	and a desciption of the waste mus		ment of Public Safety (the order	, documentation of non-hazardous waste
		TRANSPORTER		
Transporter's	Part -	Driver's N	ama	
Name	FIN CHASE		and Straffin	
Address		Print Nam Phone No		
Phone No.		Truck No.	100 14	
hereby certify that the above named material(s) w	as/were picked up at the General		d without incident to the cisposa	famility interchelow
THE CONTENT OF THE CASE BOOKE HOLDEN HOLES IN THE CONTENT OF THE C	so, were present up at the delicited	of value instead above and wellivery	a willing to the objects	40
SHIPMENT DATE	CRIVER'S S'GNATURE		D GLIVERY DATE	DRIVER'S SIGNATURE
TRUCK TIME STAM IN: OUT:	P DI	SPOSAL FACILITY	/ Name/N	RECEIVING AREA o.
Site Name/		Phone No		
Permit No. Halfway Facility / NM1-006 Address AGM1 Hobbs Huw US 62/180 Mile	the day of Control of Man 20222	- Thome no	575-393 1079	
See Chand 1144 as any man suite		(EVER		Through much them negting
NORM READINGS TAKEN? (Circle Or PASS THE PAINT FILTER TEST? (Circle Or	74	NO	as reading > 50 micro roentgens i	7 (circle one) YES NO
		ENGLOTIONS		
1st Gauge	Inches		BS&W/BBLS Received	BS&W (%)
2nd Gauge			Free Water	
Received			Tatal Received	
Released to Imaging: 2/24/2023 8.	25: FECAMP): ACCEPTE	DENIED If denie	ec, why?	

30-075-42876

TRANSPORTER'S MANIFEST

MANIFEST# 252

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 - Buffe free 27 Fed Con 24 Section 30 - Township 17 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:

Zoyerds

**FACILITY CONTACT:** 

Date:

Signature of Contact:

(Agent for ConocoPhillips)

**NAME OF TRANSPORTER** (Driver):

Date: 8-6-18

Signature Driver:

**DISPOSAL SITE:** 

R360

P.O. Box 388

Hobbs. New Mexico 88241

Representative

Signature

Received by OCD: 10/19/2021 12:  Received by OCD: 10/19/2021 12:  NVIRQNMENTAL SOLUTIONS  Permian Basin			Custo Order AFE # PO #: Manifi Manifi Haule Driver Truck Card	Customer: CONOCOPHILLIPS Customer #: CRI2190 Ordered by: CLINTON MERRIT AFE #: PO #: Manifest #: 28 Manif. Date: 8/6/2018 Hauler: MCNABB PARTNERS Driver JOE Truck # M82 Card # Job Ref #				Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County			
acility: CRI											
Product / Ser	vice					Q	uantity U	nits			
Contaminated	d Soil (R	CRA Exem	pt)				20.00	yards			
_ab Analysis.	Cell 50/51	рН 0.00	0.00	0 00	%Solids 0	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Senerator Ce hereby certify 1988 regulatory X RCRA Exe RCRA Non characteristics comended. The MSDS Info	that accordance determined the control of the contr	ding to the lation, the ab field wastes Oil field wa in RCRA redocumental	Resource ove descr generated iste which egulations ion is atta	Conservati ibed waste I from oil a is non-haz s, 40 CFR 2 ched to dei	on and Recovis:  nd gas explored ardous that do not be considered to the constrate the constraint the constra	ntion and poes not exc or listed habove-des	production ceed the mi azardous w cribed was	operations and nimum standar aste as defined te is non-hazar	are not mixe rds for waste I in 40 CFR, dous. (Check	ed with non hazardous part 261, s t the appro	n-exempt wast by ubpart D, as priate items):
Driver/ Agent	Signatu	ге			R360	Represe	ntative Sig	gnature	NO.		
	40 L				,						
Customer Ap	proval							(h)			
				THIS	IS NOT	AN II	VVOIC	E!			
Approved By:		-				D	ate				

MANIFEST # Za-

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: MPH ConocoPhillips Co. MCA Ballow Dattlebre 27 Fed Con 24 30-025-42896 Section 30 Township 17 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:** QUANTITY: Impacted Soil **FACILITY CONTACT:** Date: Signature of Contact: (Agent for ConocoPhillips) NAME OF TRANSPORTER (Driver): Date: 8 / 18 Signature Drive **DISPOSAL SITE:** 

R360 P.O. Box 388 Hobbs, New Mexico 88241

Date: 8418 Representative Signature

Received by O  WITONMENT SOLUTION  Permian Basin	36 at vs	9/2021 12:19	Customer: Customer # Ordered by AFE #: PO #: Manifest #: Manif. Date Hauler: Driver Truck # Card # Job Ref #	28 : 8/6	NT MERIT /2018 :NABB PAR' WARD			Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County		DO09Z1 PHILLIPS EXXE 27 FE	375 of 376  DERAL CC
acility: CRI											
Product / Serv	ice					Qu	antity U	nits			
Contaminated Soil (RCRA Exemp			t)				20.00	yards			
	Cell	рН	CI Co	nd.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Generator Cer hereby certify to 1988 regulatory of X RCRA Exem RCRA Non- characteristics es mended. The for MSDS Infor Driver/ Agent S	tification hat accord leterminat opt: Oil Fic Exempt: O tablished ollowing d mation	Statement ing to the Re ion, the above eld wastes ge Dil field waste in RCRA reg ocumentation RCRA Ha	of Waste S source Conse re described w nerated from which is nor ulations, 40 C n is attached t izardous Was	rvatio vaste in oil and n-haza FR 26 o dem te Ana	n and Recove s: d gas explorat rdous that doe 61.21-261.24 c onstrate the a	tion and press not except listed has bove-descenses Knoweresen	roduction of eed the min zardous w ribed wast wledge tative Sig	operations and nimum standard aste as defined e is non-hazard Other (Pros	are not mixeds for waste in 40 CFR, lous. (Check	ed with non hazardous part 261, su c the approp	-exempt was objected by as
Approved By						Da	te				

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 56748

#### **CONDITIONS**

Operator:	OGRID:
CONOCOPHILLIPS COMPANY	217817
600 W. Illinois Avenue	Action Number:
Midland, TX 79701	56748
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By		Condition Date
amaxwel	Closure approved by Bradford Billings on 2/15/2021.	2/24/2023