TETRA TECH

July 12, 2021

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

Re: Closure Report
ConocoPhillips
MCA Unit 108 Flowline Release
Unit Letter A, Section 30, Township 17 South, Range 32 East
Lea County, New Mexico
Incident ID NRM2003450092

Dear Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips to assess a release that occurred from the Maljamar Cooperative Agreement (MCA) Unit 108 well flowline, located in the Public Land Survey System (PLSS) Unit Letter A, Section 30, Township 17 South, Range 32 East, in Lea County, New Mexico (Site). The Site is located at coordinates 32.809362°, -103.800769°, as shown on Figures 1 and 2.

BACKGROUND

According to the State of New Mexico C-141 Initial Report (Appendix A), on January 18, 2017, a release occurred on a flowline from the MCA Unit 108 well. The release consisted of 2 barrels (bbls) of crude oil and 6.4 bbls of produced water. No liquids were recovered at the time of the release. According to ConocoPhillips records, the release was reported to the New Mexico Oil Conservation Division (NMOCD) in 2017, but no proof of approval or remediation permit number was assigned to the release. Assessment work had begun at the release footprint for characterization purposes, however, the record of documentation of the release from 2017 was incomplete.

The C-141 was initially submitted to the NMOCD on December 19, 2019 and rejected because the Unit Letter/Section/Township/Range (ULSTR) did not match the reported latitude and longitude of the release source. The C-141 was revised, resubmitted, approved by NMOCD on March 4, 2020, and subsequently assigned the Incident ID NRM2003450092.

SITE CHARACTERIZATION

The Site is located in the dune fields of the Maljamar Cooperative Agreement (MCA) unit of the Maljamar Field in western Lea County. 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 distances specified in 19.15.29.11 NMAC. The site is in an area with low karst potential.

There are no water wells listed in the New Mexico Office of the State Engineer (NMOSE) database located within ½ mile (800 meters) of the site. There are twelve water wells listed in the NMOSE database within 2 miles (3,219 meters) of the Site. The average depth to groundwater is 82 feet (ft) below ground surface (bgs). Site characterization data are included in Appendix B.

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REGULATORY FRAMEWORK

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

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

Constituent	Remediation RRAL
Chloride	10,000 mg/kg
TPH (GRO+DRO+ORO)	2,500 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

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

Constituent	Reclamation Requirements
Chloride	600 mg/kg
TPH (GRO+DRO+ORO)	100 mg/kg

INITIAL SITE ASSESSMENT AND SUMMARY OF SAMPLING RESULTS

On March 27, 2018, Tetra Tech personnel were onsite to evaluate and collect soil samples from the release area footprint. A total of six (6) bore holes (AH-1 through AH-6) were installed using a hand auger to define the vertical extent of the impacted soils within the release extent. The borings were terminated when the auger met refusal, which occurred at depths between 5 and 10 ft bgs. Collected soil samples were field screened for volatiles with a photoionization detector (PID) and for chlorides with an Extech EC400 ExStik. The sample locations are depicted on Figure 3.

A total of thirty-eight (38) samples were sent to Pace Analytical Services, LLC in Allen, Texas for laboratory analysis of TPH by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Samples were analyzed in an iterative fashion, based upon the analytical results from stratigraphically higher intervals.

Results from the March 2018 site assessment are summarized in Table 1. Analytical results associated with all six locations exceeded the reclamation requirement (100 mg/kg) for TPH in surface soils. Analytical results associated with boring location AH-6 exceeded the remediation RRAL for TPH (2,500 mg/kg) at the terminal depth of 6 ft bgs for TPH. Vertical delineation to Site remediation RRALs was achieved at boring location AH-5 at 8 ft bgs. Analytical results associated with boring locations AH-1, AH-3 and AH-5 achieved vertical delineation for chloride at 4 ft bgs (AH-1), 1 ft bgs (AH-3), and 4 ft bgs (AH-4). There were no exceedances of the remediation RRAL for chlorides in soils deeper than 4 ft bgs (10,000 mg/kg).

ADDITIONAL SITE ASSESSMENT AND SUMMARY OF SAMPLING RESULTS

Upon review, the initial site assessment was found to be inadequate for full characterization of the release footprint. The release extent was not vertically nor horizontally delineated for TPH, BTEX, and chloride. In order to adequately characterize the release and achieve horizontal and vertical delineation of the release extent, Tetra Tech personnel conducted additional soil sampling in May of 2020 on behalf of ConocoPhillips. Access was severely limited due to the presence of multiple buried, pressurized flow lines running throughout the release extent. Additionally, the unconsolidated dune sand made access using a truck-

mounted drilling rig impractical. Thus, soil assessment activities were conducted by both trenching using a mini-excavator and by using a hand auger. A total of eight (8) borings (AH-1 through AH-8) were installed to 5 ft bgs along the perimeter of the release. One trench (Trench 1, or T-1) was installed within the release extent to 20 ft bgs, which is the maximum depth that the mini-excavator was physically able to reach given the circumstances. Sample locations from the 2020 assessment are shown in Figure 3 along with the initial sampling locations from 2018.

A total of thirty-three (33) samples were collected from the sample locations and submitted to Pace Analytical National Center for Testing & Innovation in Nashville, Tennessee for laboratory analysis of chlorides via EPA Method 300.0, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B.

Results from the May 2020 soil sampling event are summarized in Table 2. Analytical results associated with the T-1 (trench) vertical location exceeded the reclamation requirement (100 mg/kg) for TPH in surface soils. At T-1, TPH was delineated vertically within the release extent at a depth of 9-10 ft bgs. Although chloride concentrations associated with location T-1 exhibited variability at depth for chloride, all analytical results remained below the remediation RRAL of 10,000 mg/kg. Analytical results associated with the perimeter borings (AH-1 through AH-8) were below the Site reclamation requirements and remediation RRALs in all sampled intervals. Therefore, horizontal delineation was achieved in the May 2020 sampling event.

REMEDIATION WORK PLAN AND ALTERNATIVE CONFIRMATION SAMPLING PLAN

The Release Characterization Work Plan (Work Plan) was prepared by Tetra Tech on behalf of ConocoPhillips and submitted to NMOCD on September 28, 2020 with fee application payment PO Number NQ3MH-200928-C-1410. The Work Plan described the results of the release assessment and provided characterization of the impact at the Site. The Work Plan was approved via email by Bradford Billings of NMOCD on Thursday, February 18, 2021. Mr. Billings also executed page 4 of the C-141 form included with the Work Plan.

REMEDIATION ACTIVITIES AND CONFIRMATION SAMPLING

From May 24 to June 11, 2021, Tetra Tech personnel were onsite to supervise the remediation activities proposed in the approved Work Plan, including excavation, disposal, and confirmation sampling. Impacted soils were excavated until a representative sample from the walls and bottom of the excavation had a field screening value inferred as lower than the RRALs for the Site. Once field screening was completed, confirmation floor and sidewall soil samples were collected for laboratory analysis to verify that the impacted materials were properly removed. Each confirmation sample laboratory analytical result was directly compared to the proposed reclamation requirements and remediation RRALs to demonstrate compliance.

Per the approved Alternative Confirmation Sampling Plan, confirmation samples were collected such that each discrete sample (sidewall and floor) were representative of no more than 500 square ft of excavated area. A total of fifteen (15) floor sample locations and twenty-seven (27) sidewall sample locations were collected during the remedial activities. Confirmation sidewall sample locations were labeled with “SW”-#, and confirmation floor sample locations were labeled with “FS”-#. Selected areas required additional excavation to collect a representative sample that was below the respective RRALs for that location. As the analytical results associated with these sample locations exceeded the respective RRAL, additional excavation was conducted at those locations until field screening results indicated closure criteria were attained.

Iterative confirmation samples were located to encompass the original sample locations that triggered removal (nomenclature defined in Table 3) post-additional excavation. If the sidewall area was expanded due to unacceptable confirmation sample results, the parentheses indicate the expansion iteration. For floor samples, the parentheses indicate the excavation floor depth from which the sample was collected. Excavated areas, depths and confirmation sample locations are shown in Figure 4.

Collected confirmation samples were placed into laboratory-provided sample containers, transferred under chain-of-custody, and analyzed within appropriate holding times by Pace Analytical Services, LLC in Lenexa, Kansas. The soil samples were analyzed for TPH (DRO and ORO) by EPA Method 8015, TPH Low Fraction (GRO) by EPA Method 8015D, BTEX by EPA Method 8260B, and chlorides by EPA Method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C.

Per the NMOCD-approved Work Plan, the observed impacted area was excavated to depths ranging from 3 – 8 ft below existing grade. Due to a 15 ft expansion at sidewall location ESW-4, the SSW-9 location was removed and the need for iterative sampling at this location was eliminated. After iterative confirmation sampling at the floor sample and sidewall sample locations, all final confirmation soil samples (floor and sidewall) were below the respective RRALs for chloride, BTEX, and TPH. The results of the May – June 2021 confirmation sampling events are summarized in Table 3.

All the excavated material was transported offsite for proper disposal. Approximately 1,313 cubic yards of material were transported to the R360 facility in Hobbs, New Mexico. Photographs from the excavated areas prior to backfill are provided in Appendix D. Once confirmation sampling activities were completed and associated analytical results were below the RRALs, the excavated areas were backfilled with clean material to surface grade. The reclaimed areas contain soil backfill consisting of suitable material to establish vegetation at the site. Copies of the waste manifests are included in Appendix E.

As prescribed in the Work Plan, the backfilled areas were seeded in May – June 2021 to aid in revegetation. Based on the soils at the site and the approved Work Plan, the New Mexico State Land Office (NMSLO) Sandy Loam (SL) Sites Seed Mixture were used for seeding and planted in the amount specified in the pounds pure live seed (PLS) per acre.

Site inspections will be performed to assess the revegetation progress and evaluate the site for the presence of primary or secondary noxious weeds. If noxious weeds are identified, the NMSLO will be contacted to determine an effective method for eradication. If the site does not show revegetation after one growing season, the area will be reseeded as appropriate.

CONCLUSION

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

Sincerely,
Tetra Tech, Inc.

Christian M. Llull, P.G.
Project Manager

Greg W. Pope, P.G.
Program Manager

cc:
Ms. Jenni Fortunato, RMR – ConocoPhillips
Mr. Marvin Soriwei, RMR – ConocoPhillips

LIST OF ATTACHMENTS

Figures:

Figure 1 – Site Location Map
Figure 2 – Topographic Map
Figure 3 – Release Assessment Map
Figure 4 – Remediation Extents and Confirmation Sampling Locations

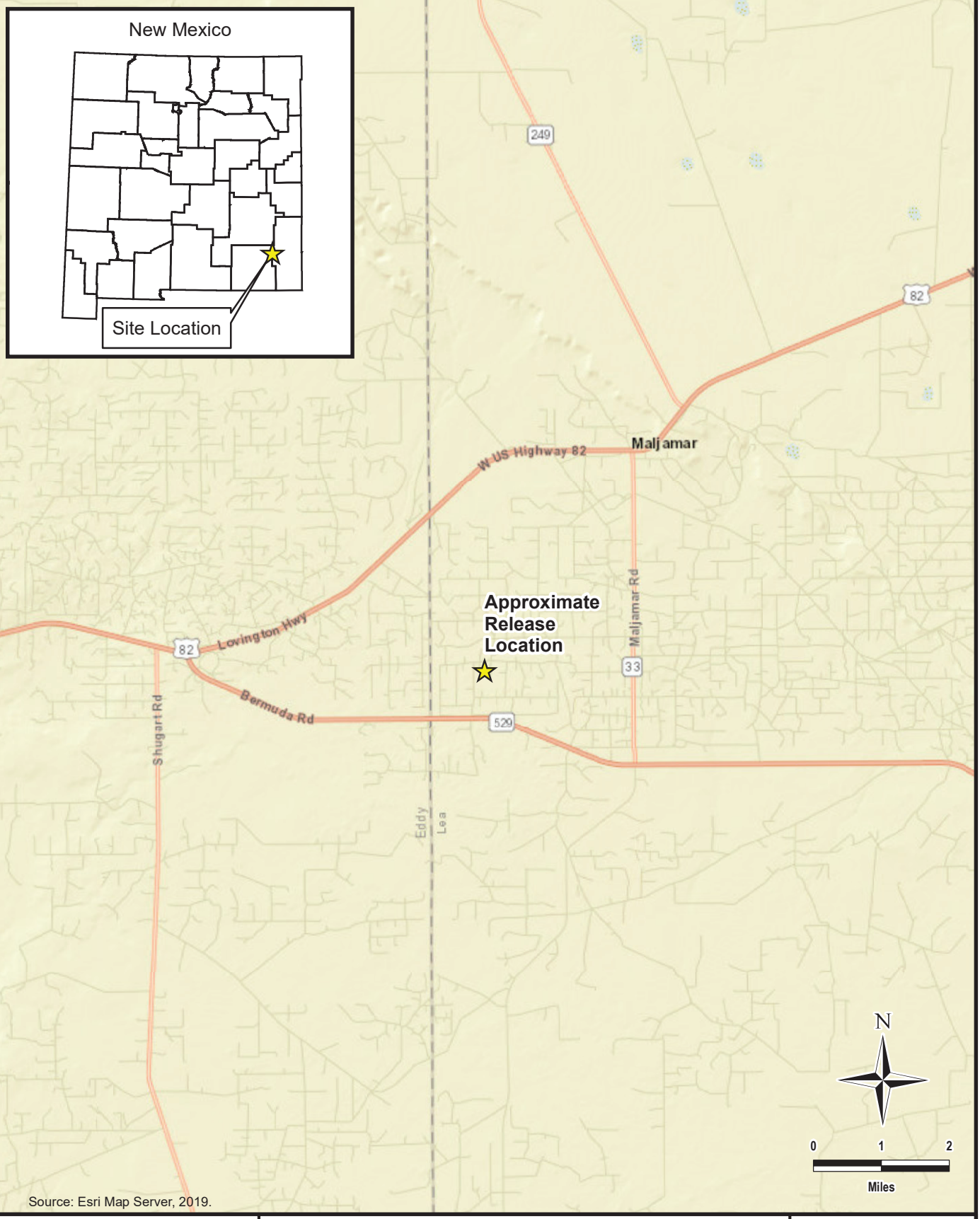
Tables:

Table 1 – Summary of Analytical Results – 2018 Soil Assessment
Table 2 – Summary of Analytical Results – 2020 Soil Assessment
Table 3 – Summary of Analytical Results – Confirmation Sampling

Appendices:

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

FIGURES



DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\MCA108\FIGURE 1 SITE LOCATION_MCA108.MXD

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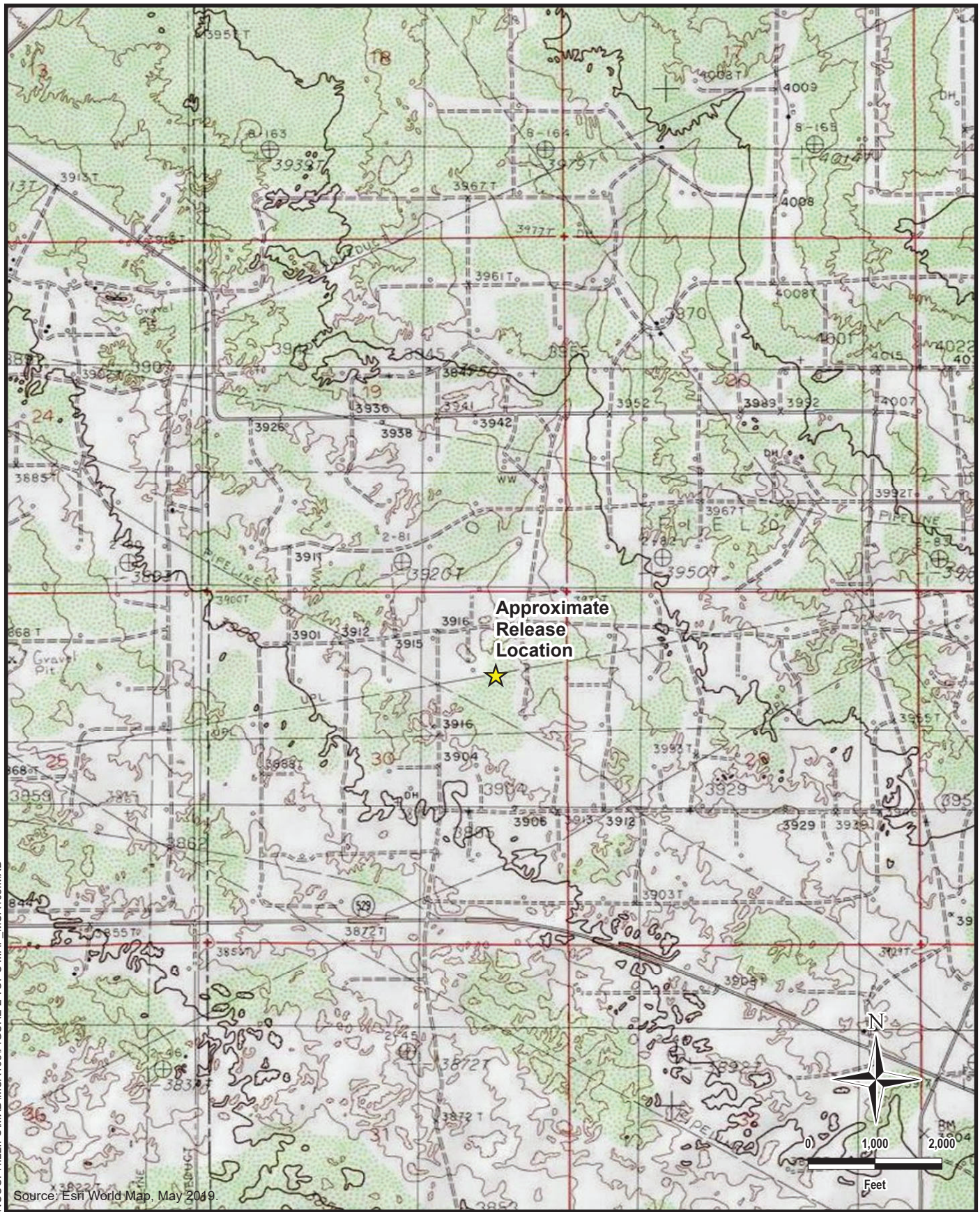
CONOCOPHILLIPS

INCIDENT ID NRM2003450092
(32.809362°, -103.800769°)
LEA COUNTY, NEW MEXICO

MCA 108 FLOWLINE RELEASE
SITE LOCATION MAP

PROJECT NO.:	212C-MD-02175
DATE:	SEPTEMBER 15, 2020
DESIGNED BY:	AAM

Figure No.
1



Source: Esri World Map, May 2019.

DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\MCA108\FIGURE 2 TOPO MAP_MCA108.MXD

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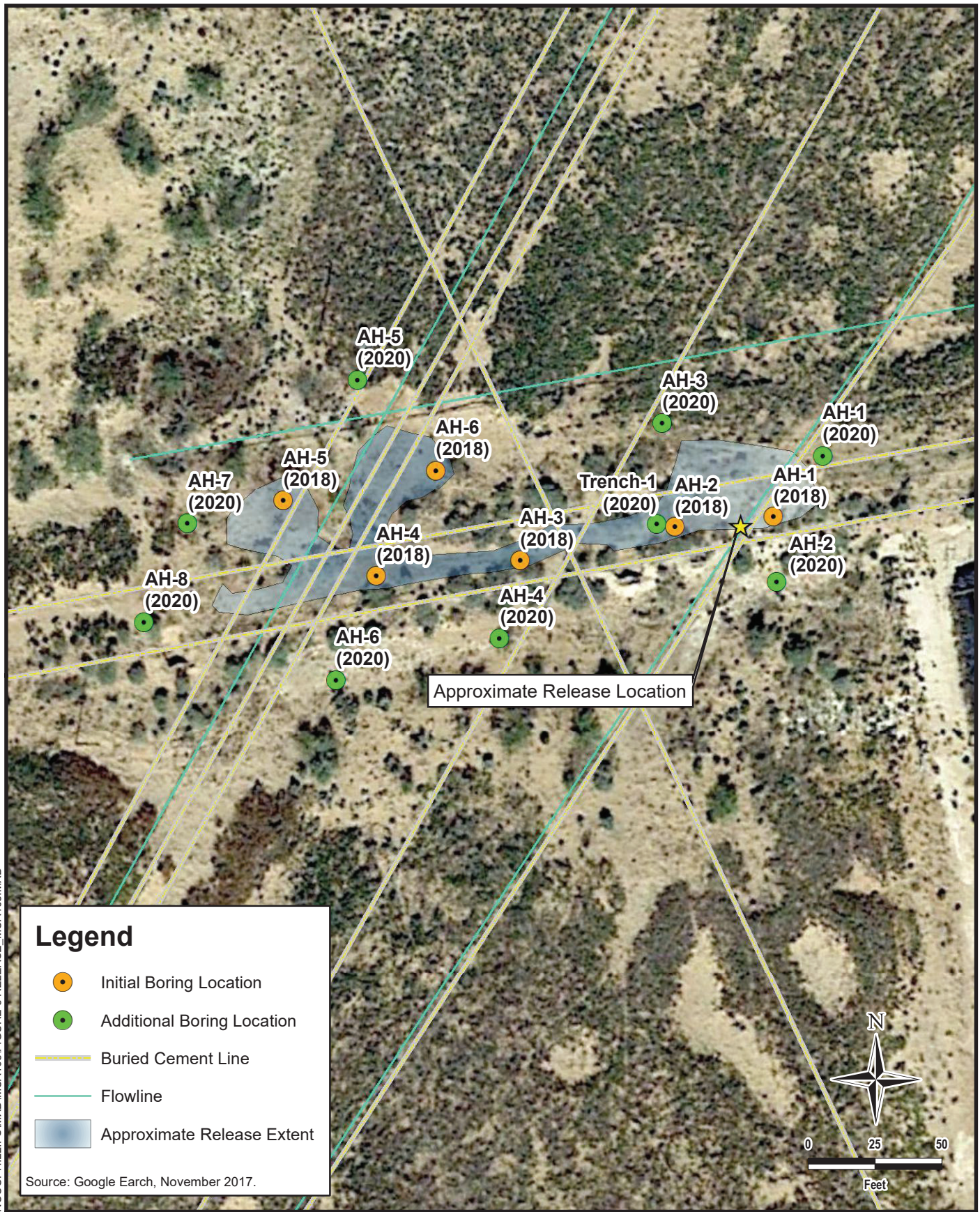
CONOCOPHILLIPS

INCIDENT ID NRM2003450092
(32.809362°, -103.800769°)
LEA COUNTY, NEW MEXICO

MCA 108 FLOWLINE RELEASE
TOPOGRAPHIC MAP

PROJECT NO.:	212C-MD-02175
DATE:	SEPTEMBER 15, 2020
DESIGNED BY:	AAM

Figure No.
2



DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\MCA108\FIGURE 3 RELEASE_MCA108.MXD

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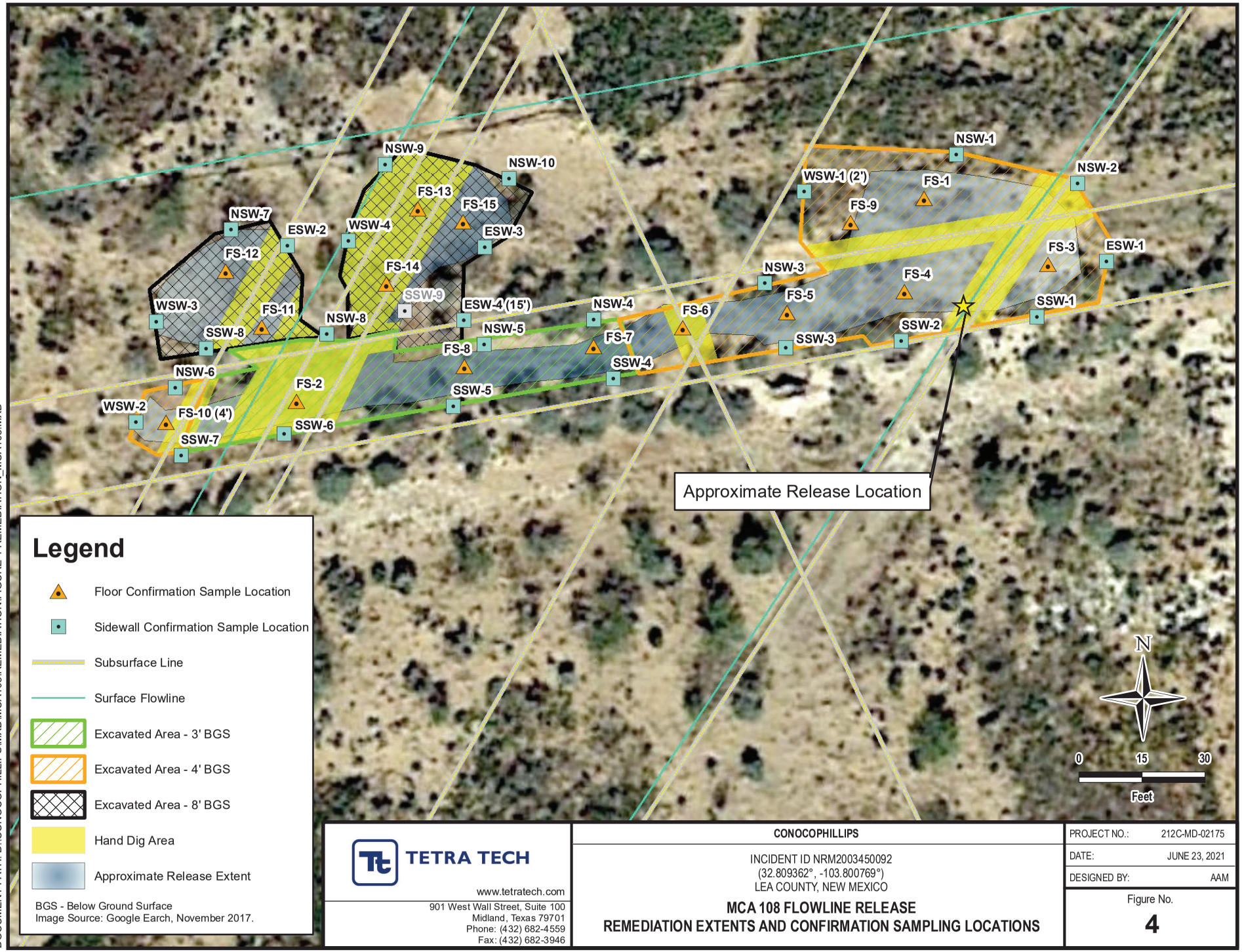
CONOCOPHILLIPS

INCIDENT ID NRM2003450092
(32.809362°, -103.800769°)
LEA COUNTY, NEW MEXICO

MCA 108 FLOWLINE RELEASE
RELEASE ASSESSMENT MAP

PROJECT NO.:	212C-MD-02175
DATE:	JUNE 15, 2021
DESIGNED BY:	AAM

Figure No.
3



Legend

- Floor Confirmation Sample Location
- Sidewall Confirmation Sample Location
- Subsurface Line
- Surface Flowline
- Excavated Area - 3' BGS
- Excavated Area - 4' BGS
- Excavated Area - 8' BGS
- Hand Dig Area
- Approximate Release Extent

BGS - Below Ground Surface
Image Source: Google Earch, November 2017.

DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\MCA108\REMEDIATION\FIGURE 4 REMEDIATION_MCA108.MXD

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LEA COUNTY, NEW MEXICO

MCA 108 FLOWLINE RELEASE
REMEDIATION EXTENTS AND CONFIRMATION SAMPLING LOCATIONS

PROJECT NO.:	212C-MD-02175
DATE:	JUNE 23, 2021
DESIGNED BY:	AAM

Figure No.
4

TABLES

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
2018 SOIL ASSESSMENT - NRM2003450092
CONOCOPHILLIPS
MCA 108 FLOWLINE RELEASE
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth Interval	Field Screening Results		Chloride[1]		BTEX[2]									TPH[3]						
			Chloride	PID			Benzene		Toluene		Ethylbenzene		Xylene (Total)		Total BTEX	GRO		DRO		ORO[4]		Total TPH (GRO+DRO+ORO)
																C_9 - C_{10}		C_{10} - C_{28}		C_{28} - C_{40}		
		ft. bgs	ppm		mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg
AH-1	3/29/2018	0-1	1020	458.6	***1720***		< 0.012		0.16		3.3		19.7		23	502	M1, R1	13400		10700	N2	***24602***
		1-2	1600	394.3	***962***		NA		NA		NA		NA		-	40.9	M1	1260		1320	N2	***2621***
		2-3	1750	85.8	***2760***		NA		NA		NA		NA		-	< 12.6		164		281	3t, N2	445
		3-4	1670	51.1	***1470***		NA		NA		NA		NA		-	NA		NA		NA		-
		4-5	540	31.8	365		NA		NA		NA		NA		-	NA		NA		NA		-
AH-2	3/29/2018	0-1	63.3	380.7	22.3		< 0.012		< 0.012		< 0.012		0.061		0.061	161		5940		4640	N2	***10741***
		1-2	123	387.7	71.3		NA		NA		NA		NA		-	242		5480		4610	N2	***10332***
		2-3	383	102.6	198		NA		NA		NA		NA		-	< 11.5		227	R1	200	3t, N2	***4837***
		3-4	568	505.6	369		NA		NA		NA		NA		-	NA		NA		NA		-
		4-5	930	362.1	849		NA		NA		NA		NA		-	NA		NA		NA		-
		5-6	NM	119.0	688		NA		NA		NA		NA		-	NA		NA		NA		-
AH-3	3/29/2018	0-1	822	551.3	***621***	M1	< 0.010		< 0.010		0.14		1.4		1.5	106		6950		5940	N2	***12996***
		1-2	675	591.0	581		NA		NA		NA		NA		-	294		5160		4250	N2	***9704***
		2-3	634	237.0	366		NA		NA		NA		NA		-	116		1750		1490	3t, N2	***3356***
		3-4	465	138.0	192		NA		NA		NA		NA		-	< 12.2		145		143	M1, N2, R1	288
		4-5	294	91.5	102		NA		NA		NA		NA		-	< 12.2		NA		NA		-
AH-4	3/29/2018	0-1	340	143.0	294		< 0.012		< 0.012		< 0.012		< 0.037		-	66.6		6870		6630	N2	***13567***
		1-2	396	145.1	332		NA		NA		NA		NA		-	253		6620		5500	N2	***12373***
		2-3	427	411.1	303		NA		NA		NA		NA		-	130		5110		4200	3t, N2	***9440***
		3-4	124	264.3	67.4		NA		NA		NA		NA		-	15.3		594		546	N2	1155
		4-5	201	102.8	90.1		NA		NA		NA		NA		-	< 11.7		236		224	N2	460
		5-6	239	10.9	123		NA		NA		NA		NA		-	< 11.6		NA		NA		-
AH-5	3/29/2018	0-1	268	109.0	176		< 0.011		< 0.011		< 0.011		< 0.034		-	23.4		11900		12400	N2	***24323***
		1-2	568	373.3	373		NA		NA		NA		NA		-	93.8		8510		7580	N2	***16184***
		2-3	769	635.6	***725***		NA		NA		NA		NA		-	480		9550		7620	3t, N2	***17650***
		3-4	1190	1155	***1070***		NA		NA		NA		NA		-	1100		12200		9390	N2	***22690***
		4-5	1030	653.6	1400		NA		NA		NA		NA		-	885		6200		5150	N2	***12235***
		5-6	905	923.4	1830		NA		NA		NA		NA		-	791		7740		6220	N2	***14751***
		6-7	779	472.9	908		NA		NA		NA		NA		-	676		6700		5390	N2	***12766***
		7-8	757	549.8	790		NA		NA		NA		NA		-	497		3680		3180	N2	***7357***
		8-9	843	522.7	1040		NA		NA		NA		NA		-	125		1000		871	N2	1996
		9-10	1300	73.3	1020	M1	NA		NA		NA		NA		-	56.4		593		518	N2	1167
AH-6	3/29/2018	0-1	262	143.1	238		< 0.010		< 0.010		0.011		0.032		0.043	493		18000		20200	N2	***38693***
		1-2	284	399.0	182		NA		NA		NA		NA		-	204		7690		6570	N2	***14464***
		2-3	153	590.6	90.0		NA		NA		NA		NA		-	674		5110		4470	3t, N2	***10254***
		3-4	143	189.9	76.7		NA		NA		NA		NA		-	120		1380		1140	N2	***2640***
		4-5	177	246.7	103		NA		NA		NA		NA		-	135		4960		4510	N2	***9605***
		5-6	225	182.2	61.3		NA		NA		NA		NA		-	440		7170		5730	N2	***13340***

NOTES:

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

Bold and italicized values indicate exceedance of proposed Reclamation Requirements (0-4 ft bgs) and Remediation RRALs (>4 ft bgs)

Shaded rows indicate sample intervals proposed for excavation and remediation

1 EPA Method 300.0
2 EPA Method 8260
3 EPA Method 8015B
4 EPA Method 8015B Modified

QUALIFIERS:

3t The LCS was not spiked due to laboratory error. See case narrative for details.
M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2 The lab does not hold NELAC/TNI accrediation for this parameter.
R1 RPD value was outside control limits.

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
2020 SOIL ASSESSMENT - NRM2003450092
CONOCOPHILLIPS
MCA UNIT 108 FLOWLINE RELEASE
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth Interval	Field Screening Results		Chloride[1]		BTEX[2]								TPH[3]							
			Chloride	PID			Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO[4] C_5 - C_{10}		DRO C_{10} - C_{28}		ORO C_{28} - C_{40}		Total TPH (GRO+DRO+ORO)
		ft. bgs	ppm		mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg		mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg
T-1	5/8/2020	0-1	-	> 900	356		< 0.00101		0.00430	J	0.00472		0.183		0.192		8.55		11000		11700		***22709***
		2-3	-	> 900	144		< 0.00973		< 0.0487		< 0.0243		0.444		0.444		46.6		3040		1950		***5037***
		4-5	-	695	679		< 0.00109		< 0.00546		< 0.00273		< 0.00710		-		0.449		724		569		1293
		6-7	-	169	1590		< 0.00112		< 0.00558		< 0.00279		< 0.00726		-		0.0357	J	77.7		121		199
		9-10	1350	64.1	1020		< 0.00114		< 0.00568		< 0.00284		< 0.00738		-		< 0.114		3.73	J	4.37	B J	8.10
		12-13	901	221	644		< 0.00111		< 0.00557		< 0.00279		< 0.00724		-		0.0246	J	164		189		353
		14-15	-	145	793		< 0.00111		< 0.00556		< 0.00278		< 0.00723		-		< 0.111		35.5		49.8		85.3
		17-18	-	27.1	764		< 0.00107		< 0.00535		< 0.00267		< 0.00695		-		< 0.107		112		114		226
		19-20	-	12.0	858		< 0.00107		< 0.00535		< 0.00267		< 0.00695		-		0.0253	J	32.0		42.6		74.6
AH-1	5/7/2020	0-1	22.4	4.3	< 20.1		< 0.00101		< 0.00503		< 0.00252		< 0.00654		-		< 0.101		4.66		8.34		13.0
		2-3	97.1	4.5	33.0		< 0.00107		< 0.00534		< 0.00267		< 0.00694		-		< 0.107		4.24	J	5.87		10.1
		4-5	72.4	4.7	< 20.7		< 0.00104		< 0.00519		< 0.00259		< 0.00674		-		< 0.104		< 4.15		0.559	J	0.559
AH-2	5/7/2020	0-1	37.3	4.1	< 20.7		< 0.00104		< 0.00518		< 0.00259		< 0.00673		-		< 0.104		3.78	J	11.7		15.5
		2-3	71.5	4.6	< 19.5		< 0.00104		< 0.00521		< 0.00261		< 0.00678		-		< 0.104		< 4.17		5.03		5.03
		4-5	313	5.8	141		< 0.00107		< 0.00533		< 0.00267		< 0.00693		-		< 0.107		2.83	J	17.9		20.7
AH-3	5/7/2020	0-1	37.1	4.1	< 20.1		< 0.00101		< 0.00503		< 0.00251		< 0.00654		-		< 0.101		5.90		16.0		21.9
		2-3	534	4.6	121		< 0.00104		< 0.00521		< 0.00261		< 0.00677		-		< 0.104		2.29	J	6.13		8.42
		4-5	517	4.5	167		< 0.00105		< 0.00527		< 0.00263		< 0.00685		-		< 0.105		1.96	J	8.10		10.1
AH-4	5/7/2020	0-1	21.4	3.6	< 20.1		< 0.00101		< 0.00504		< 0.00252		< 0.00655		-		< 0.101		< 4.03		3.78	J	3.78
		2-3	91.9	3.4	< 112		< 0.00112		< 0.00560		< 0.00280		< 0.00729		-		< 0.112		6.58		2.63	B J	9.21
		4-5	41.2	3.6	< 21.2		< 0.00106		< 0.00530		< 0.00265		< 0.00689		-		< 0.106		2.06	J	3.39	J	5.45
AH-5	5/7/2020	0-1	38.1	4.4	< 20.1		< 0.00101		< 0.00504		< 0.00252		< 0.00655		-		< 0.101		13.7		25.6		39.3
		2-3	24.4	3.8	< 20.4		< 0.00102		< 0.00509		< 0.00254		< 0.00662		-		< 0.102		2.03	J	3.35	J	5.38
		4-5	45.2	4.1	< 20.4		< 0.00102		< 0.00510		< 0.00255		< 0.00663		-		< 0.102		11.1		19.0		30.1
AH-6	5/7/2020	0-1	19.4	5.3	< 20.2		< 0.00101		< 0.00505		< 0.00252		< 0.00656		-		0.0240	J	21.6		58.1		79.7
		2-3	31.4	2.9	< 24.1		< 0.00121		< 0.00604		< 0.00302		< 0.00785		-		0.0280	J	< 4.83		2.84	B J	2.87
		4-5	147	2.0	< 106		< 0.00106		< 0.00530		< 0.00265		< 0.00689		-		< 0.106		6.30		17.3		23.6
AH-7	5/8/2020	0-1	32.6	2.6	< 24.2		< 0.00121		< 0.00605		< 0.00302		< 0.00786		-		< 0.121		< 4.84		1.52	B J	1.52
		2-3	41.8	2.0	< 22.5		< 0.00113		< 0.00563		< 0.00282		< 0.00732		-		< 0.113		< 4.51		2.20	B J	2.20
		4-5	88.4	0.7	< 20.5		< 0.00102		< 0.00512		< 0.00256		< 0.00666		-		< 0.102		< 4.10		1.65	B J	1.65
AH-8	5/8/2020	0-1	36.1	0.7	< 20.3		< 0.00101		< 0.00506		< 0.00253		< 0.00658		-		< 0.101		1.85	J	4.73		6.58
		2-3	42.0	1.4	< 20.1		< 0.00100		< 0.00502		< 0.00251		< 0.00653		-		< 0.100		1.78	J	5.43		7.21
		4-5	86.9	0.9	< 20.7		< 0.00103		< 0.00516		< 0.00258		< 0.00671		-		< 0.103		< 4.13		3.72	B J	3.72

NOTES:

ft. Feet

bgs Below ground surface

ppm Parts per million

mg/kg Milligrams per kilogram

TPH Total Petroleum Hydrocarbons

GRO Gasoline range organics

DRO Diesel range organics

ORO Oil range organics

Shaded rows indicate sample intervals proposed for excavation and remediation

Bold and italicized values indicate exceedance of proposed Reclamation Requirements (0-4 ft bgs) and Remediation RRALs (>4 ft bgs)

1 EPA Method 300.0

2 EPA Method 8260B

3 EPA Method 8015

4 EPA Method 8015D/GRO

QUALIFIERS:

B The same analyte is found in the associated blank.

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

TABLE 3
SUMMARY OF ANALYTICAL RESULTS
CONFIRMATION SAMPLING - NRM2003450092
CONOCOPHILLIPS
MCA UNIT 108 FLOWLINE RELEASE
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Field Screening Results		Chloride[1]		BTEX[2]										TPH[3]							
			Chloride	PID			Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO[4] C_3 - C_{10}		DRO C_{10} - C_{28}		ORO C_{28} - C_{40}		Total TPH (GRO+DRO+ORO)	
		ft. bgs	ppm		mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg		mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	
FS-1	6/3/2021	4	-	-	532		< 0.0052		< 0.0052		< 0.0052		< 0.0052		-		< 11.0		< 10.1		< 10.1		-	
FS-2	5/27/2021	3	98.0	27.9	< 117		< 0.0056		< 0.0056		< 0.0056		< 0.0056		-		< 12.1		< 10.9		< 10.9		-	
FS-3	6/3/2021	4	-	-	534		< 0.0051		< 0.0051		< 0.0051		< 0.0051		-		< 9.2		< 10.4		< 10.4		-	
FS-4	6/3/2021	4	-	-	755		< 0.0052		< 0.0052		< 0.0052		< 0.0052		-		< 10.4		< 10.4		< 10.4		-	
FS-5	6/3/2021	4	-	-	1280		< 0.0052		< 0.0052		< 0.0052		< 0.0052		-		< 10.3		< 9.9		13.2		13.2	
FS-6	6/2/2021	4	-	-	188		< 0.0054		< 0.0054		< 0.0054		< 0.0054		-		< 11.7		< 10.7		< 10.7		-	
FS-7	6/2/2021	3	-	-	269		< 0.0055		< 0.0055		< 0.0055		< 0.0055		-		< 10.9		< 10.6		< 10.6		-	
FS-8	6/2/2021	3	-	-	235		< 0.0053		< 0.0053		< 0.0053		< 0.0053		-		< 11.3		< 10.3		< 10.3		-	
FS-9	6/9/2021	3	789	23.6	758		< 0.0050		< 0.0050		< 0.0050		< 0.0050				< 8.9		< 10.0		< 10.0		-	
FS-10	5/27/2021	3	89.5	98.8	< 103		< 0.0051		< 0.0051		< 0.0051		< 0.0051		-		< 10.3		620		187		***807***	
FS-10 (4')*	6/3/2021	4	42.6	2.2	< 102		< 0.0051		< 0.0051		< 0.0051		< 0.0051		-		< 10.0		23.0		11.7		34.7	
FS-11	5/27/2021	8	665	41.1	201		< 0.0053		< 0.0053		< 0.0053		< 0.0053		-		< 11.1		< 10.6		< 10.6		-	
FS-12	5/27/2021	8	710	36.9	283		< 0.0067		< 0.0067		< 0.0067		< 0.0067		-		< 15.9		< 40.1		< 40.1		-	
FS-13	5/27/2021	8	191	61.7	136		< 0.0052		< 0.0052		< 0.0052		< 0.0052		-		< 10.6		< 10.6		< 10.6		-	
FS-14	5/27/2021	8	234	15.2	146		< 0.0053		< 0.0053		< 0.0053		< 0.0053		-		< 10.4		< 10.6		< 10.6		-	
FS-15	5/27/2021	8	120	90.1	135		< 0.0052		< 0.0052		< 0.0052		< 0.0052		-		< 10.6		< 10.1		< 10.1		-	
NSW-1	6/3/2021	-	57.1	7.3	< 103		< 0.0050		< 0.0050		< 0.0050		< 0.0050		-		< 9.2		< 18.8		< 18.8		-	
NSW-2	6/3/2021	-	38	7.5	< 104		< 0.0050		< 0.0050		< 0.0050		< 0.0050		-		< 9.5		< 10.0		< 10.0		-	
NSW-3	6/2/2021	-	-	-	< 103		< 0.0050		< 0.0050		< 0.0050		< 0.0050		-		< 9.8		< 14.4		< 14.4		-	
NSW-4	6/2/2021	-	-	-	< 103		< 0.0049		< 0.0049		< 0.0049		< 0.0049		-		< 9.6		< 9.8		< 9.8		-	
NSW-5	6/2/2021	-	-	-	< 100		< 0.0050		< 0.0050		< 0.0050		< 0.0050		-		< 10.0		< 9.9		< 9.9		-	
NSW-6	5/26/2021	-	75.5	1.4	< 101		< 0.0049		< 0.0049		< 0.0049		< 0.0049		-		< 11.8		< 19.0		< 19.0		-	
NSW-7	5/26/2021	-	22.2	0.8	< 101		< 0.0050		< 0.0050		< 0.0050		< 0.0050		-		< 9.6		< 10.0		< 10.0		-	
NSW-8	5/26/2021	-	30.8	1.2	< 103		< 0.0050		< 0.0050		< 0.0050		< 0.0050		-		< 8.4		< 10.0		< 10.0		-	
NSW-9	5/26/2021	-	25.5	0.6	< 99.6		< 0.0050		< 0.0050		< 0.0050		< 0.0050		-		< 9.7		< 10.0		< 10.0		-	
NSW-10	5/26/2021	-	25.4	0.5	< 104		< 0.0050		< 0.0050		< 0.0050		< 0.0050		-		< 9.8		< 9.9		< 9.9		-	
ESW-1	6/3/2021	-	17.2	2.9	< 96.6		< 0.0049		< 0.0049		< 0.0049		< 0.0049		-		< 9.9		< 9.6		< 9.6		-	
ESW-2	5/26/2021	-	32.3	0.7	< 100		< 0.0050		< 0.0050		< 0.0050		< 0.0050		-		< 10.5		< 10.0		< 10.0		-	
ESW-3	5/26/2021	-	19.6	0.4	< 99.2		< 0.0050		< 0.0050		< 0.0050		< 0.0050		-		< 9.1		< 9.5		< 9.5		-	
ESW-4	5/26/2021	-	209	14.6	121		< 0.0053	R1	< 0.0053		< 0.0053		< 0.0053		-		< 9.1		3070		1100		***4170***	
ESW-4 (15')*	6/2/2021	-	-	-	< 96.9		< 0.0050		< 0.0050		< 0.0050		< 0.0050		-		< 9.6		< 9.8		< 9.8		-	

TABLE 3
SUMMARY OF ANALYTICAL RESULTS
CONFIRMATION SAMPLING - NRM2003450092
CONOCOPHILLIPS
MCA UNIT 108 FLOWLINE RELEASE
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Field Screening Results		Chloride[1]		BTEX[2]								TPH[3]							
			Chloride	PID			Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX	GRO[4] C_3 - C_{10}		DRO C_{10} - C_{28}		ORO C_{28} - C_{40}		Total TPH (GRO+DRO+ORO)
		ft. bgs	ppm		mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg
SSW-1	6/3/2021	-	161	3.5	< 99.4		< 0.0051		< 0.0051		< 0.0051		< 0.0051			< 10.3		19.5		24.6		44.1
SSW-2	6/3/2021	-	139	4.2	< 105		< 0.0050		< 0.0050		< 0.0050		< 0.0050		-	< 9.8		20.4		23.3		43.7
SSW-3	6/2/2021	-	-	-	< 104		< 0.0050		< 0.0050		< 0.0050		< 0.0050		-	< 10.0		< 10.2		< 10.2		-
SSW-4	6/2/2021	-	-	-	< 101		< 0.0051		< 0.0051		< 0.0051		< 0.0051		-	< 9.9		< 10.0		< 10.0		-
SSW-5	6/2/2021	-	-	-	< 98.3		< 0.0051		< 0.0051		< 0.0051		< 0.0051		-	< 10.2		< 10.1		< 10.1		-
SSW-6	5/26/2021	-	80.1	3.0	< 103		< 0.0051		< 0.0051		< 0.0051		< 0.0051		-	< 10.4		< 10.3		< 10.3		-
SSW-7	5/26/2021	-	81.1	8.9	< 104		< 0.0050		< 0.0050		< 0.0050		< 0.0050		-	< 9.5		37.7		13.9		51.6
SSW-8	5/26/2021	-	99	1.0	< 99.5		< 0.0050		< 0.0050		< 0.0050		< 0.0050		-	< 8.1		< 9.8		< 9.8		-
SSW-9	5/26/2021	-	111	22.1	< 101		< 0.0052		< 0.0052		< 0.0052		< 0.0052		-	< 8.0		1010		567		***1577***
WSW-1	6/3/2021	-	67.8	45.4	< 103		< 0.0050		< 0.0050		< 0.0050		< 0.0050		-	< 10.0		68.3		32.7		***101***
WSW-1 (2')*	6/9/2021	-	42.6	5.2	< 102		< 0.0050		< 0.0050		< 0.0050		0.0051		0.0051	< 9.7		< 9.9		< 9.9		-
WSW-2	5/26/2021	-	19.9	0.9	< 97.5		< 0.0050	L1	< 0.0050		< 0.0050		< 0.0050		-	< 9.9		10.6		18.0		28.6
WSW-3	5/26/2021	-	20.5	0.4	< 102		< 0.0051	L1	< 0.0051		< 0.0051		< 0.0051		-	< 10.2		< 10.2		< 10.2		-
WSW-4	5/26/2021	-	27.7	1.0	< 103		< 0.0050	L1	< 0.0050		< 0.0050		< 0.0050		-	< 9.5		< 9.8		< 9.8		-

NOTES:

ft. Feet
bgs Below ground surface
ppm Parts per million
mg/kg Milligrams per kilogram
TPH Total Petroleum Hydrocarbons
GRO Gasoline range organics
DRO Diesel range organics
ORO Oil range organics
1 EPA Method 9056
2 EPA Method 8260B
3 EPA Method 8015B

Bold and italicized values indicate exceedance of proposed Reclamation Requirements (0-4 ft bgs) and Remediation RRALs (>4 ft bgs)

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

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

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

QUALIFIERS:

L1 Analyte recovery in the LCS was above QC limits. Results for this analyte in associated samples may be biased high.

R1 RPD value was outside control limits.

APPENDIX A
C-141 Forms

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	NRM2003450092
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

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

Location of Release Source

Latitude ~~32.8110619~~ 32.809362° cml Longitude ~~-103.8080673~~ -103.800769° cml

(NAD 83 in decimal degrees to 5 decimal places)

Site Name MCA UNIT 108	Site Type flowline
Date Release Discovered 1/18/17	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
A	30	17S	32E	Lea

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

Nature and Volume of Release

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

☑ Crude Oil	Volume Released (bbls) 2	Volume Recovered (bbls) 0
☑ Produced Water	Volume Released (bbls) 6.4	Volume Recovered (bbls) 0
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release flow line leak.

According to our records, we reported this back in 2017, however, we don't have proof of approval, or RP# assigned. due to the old date, we don't have records on how this spill volume was estimated.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	NRM2003450092
District RP	
Facility ID	
Application ID	

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

Initial Response

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

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

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

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

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

Printed Name: Gustavo Fejervary Title: Environmental Coordinator

Signature: Date: 12/19/19

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

C-141 application PO: JGPH3-191219-C-1410 REJECTED 2/3/2020. Resubmitted with Corrections 3/4/2020. cml.

OCD Only

Received by: Date:

State of New Mexico
Oil Conservation Division

Incident ID	NRM2003450092
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	82 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☑ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☑ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☑ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☑ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☑ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☑ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☑ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☑ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☑ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☑ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☑ Field data
- ☑ Data table of soil contaminant concentration data
- ☑ Depth to water determination
- ☑ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☑ Photographs including date and GIS information
- ☑ Topographic/Aerial maps
- ☑ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	NRM2003450092
District RP	
Facility ID	
Application ID	

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

Printed Name: Marvin Soriwei Title: Program Manager, Risk Management & Remediation

Signature: Date: 9/25/2020

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

OCD Only

Received by: Date:

Form C-141
Page 5

State of New Mexico
Oil Conservation Division

Incident ID	NRM2003450092
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- ☑ Detailed description of proposed remediation technique
- ☑ Scaled sitemap with GPS coordinates showing delineation points
- ☑ Estimated volume of material to be remediated
- ☑ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☑ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

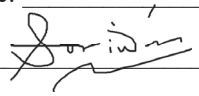
☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☐ Extents of contamination must be fully delineated.

☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Marvin Soriwei Title: Program Manager, Risk Management & Remediation

Signature:  Date: 9/25/2020

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

OCD Only

Received by: _____ Date: _____

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

Signature: Bradford Billings Date: 02/15/2021

Variance request for maximum 500 sq.ft. for confirmation sampling is approved. as is request for possible variation in excavation neeeds, bt retrieve as much as possible.

State of New Mexico
Oil Conservation Division

Incident ID	NRM2003450092
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

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

☑ Description of remediation activities

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

Printed Name: Jenni Fortunato Title: Program Manager, Remediation

Signature: Date: 7/12/2021

email: jenni.fortunato@cop.com Telephone: 832-486-2477

OCD Only

Received by: Date:

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

Closure Approved by: Brittany Hall Date: 09/16/2022

Printed Name: Brittany Hall Title: Environmental Specialist

APPENDIX B
Site Characterization Data

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

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 612271.743 **Northing (Y):** 3630789.223 **Radius:** 800

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

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

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

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

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
RA 12721 POD1	RA	LE	3	2	3	28	17S	32E	614645	3630141	2459	125		
RA 10175	RA	LE		2	1	28	17S	32E	614814	3631005*	2551	158		
RA 12020 POD1	RA	LE	2	2	1	28	17S	32E	614828	3630954	2561	120	81	39
RA 12042 POD1	RA	LE	2	2	1	28	17S	32E	614891	3631181	2648	400		
RA 12522 POD1	RA	LE	3	3	4	21	17S	32E	614941	3631122	2689	100		
RA 12522 POD2	RA	LE	2	2	1	28	17S	32E	614949	3631098	2695	100		
RA 12522 POD3	RA	LE	4	4	3	28	17S	32E	614980	3631093	2725	100		
RA 12721 POD2	RA	LE	1	1	4	28	17S	32E	615055	3630407	2809	124	75	49
RA 12020 POD3	RA	LE	2	1	2	28	17S	32E	615152	3631019	2889	112	83	29
RA 12521 POD1	RA	LE	3	3	4	21	17S	32E	615127	3631271	2895	105	92	13
RA 12721 POD4	RA	LE	1	1	2	33	17S	32E	615055	3629589	3030	140		
RA 12721 POD7	RA	LE	1	3	2	33	17S	32E	615064	3629198	3213	130		

Average Depth to Water: **82 feet**

Minimum Depth: **75 feet**

Maximum Depth: **92 feet**

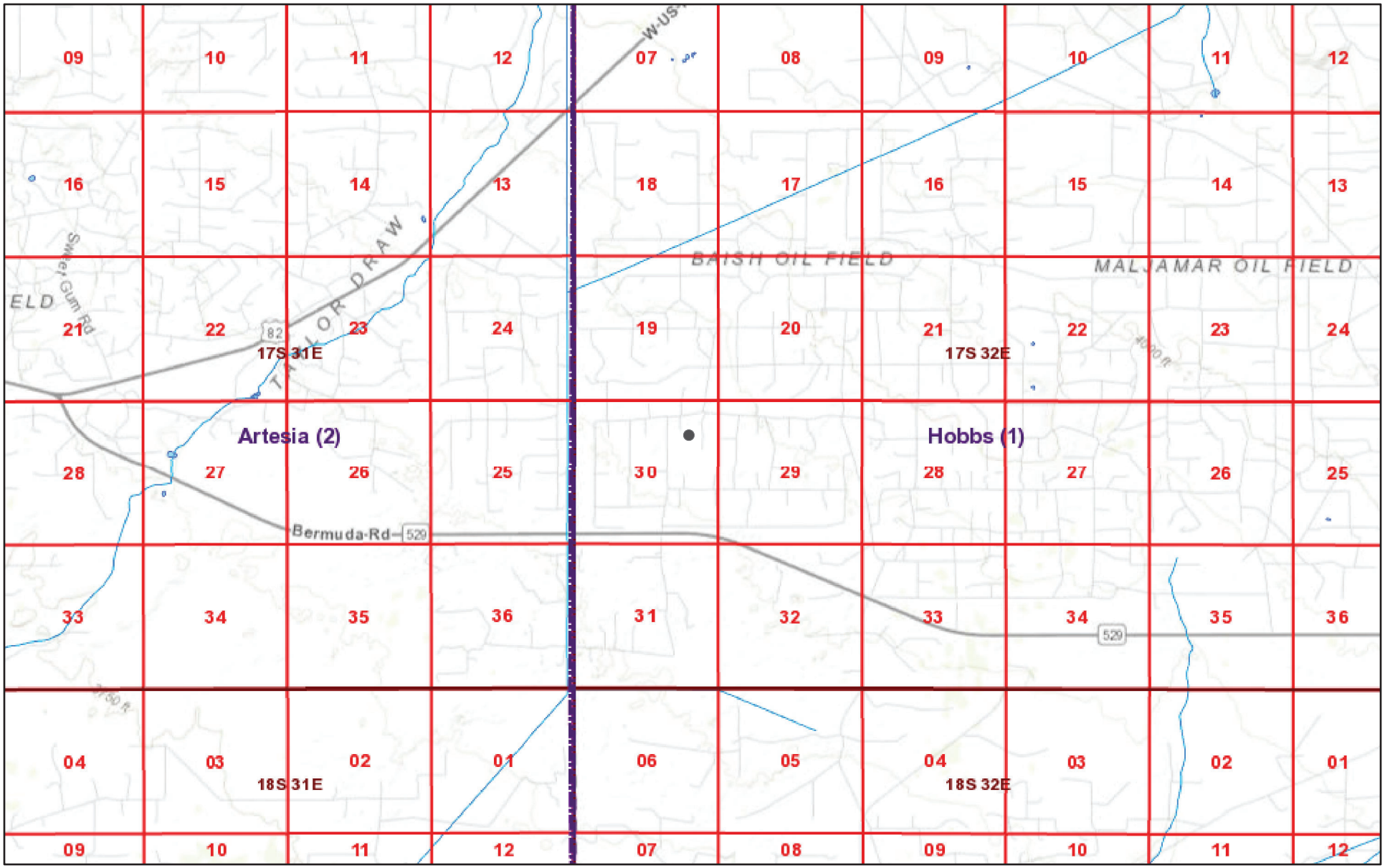
Record Count: 12

UTMNAD83 Radius Search (in meters):

Easting (X): 612271.743 **Northing (Y):** 3630789.223 **Radius:** 3219

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

MCA 108 Water Bodies



1/15/2020, 6:54:48 PM

- OCD Districts
- OCD District Offices
- PLSS First Division
- PLSS Second Division
- PLSS Townships
- OSE Water-bodies
- PLJV Probable Playas
- OSE Streams

1:72,224

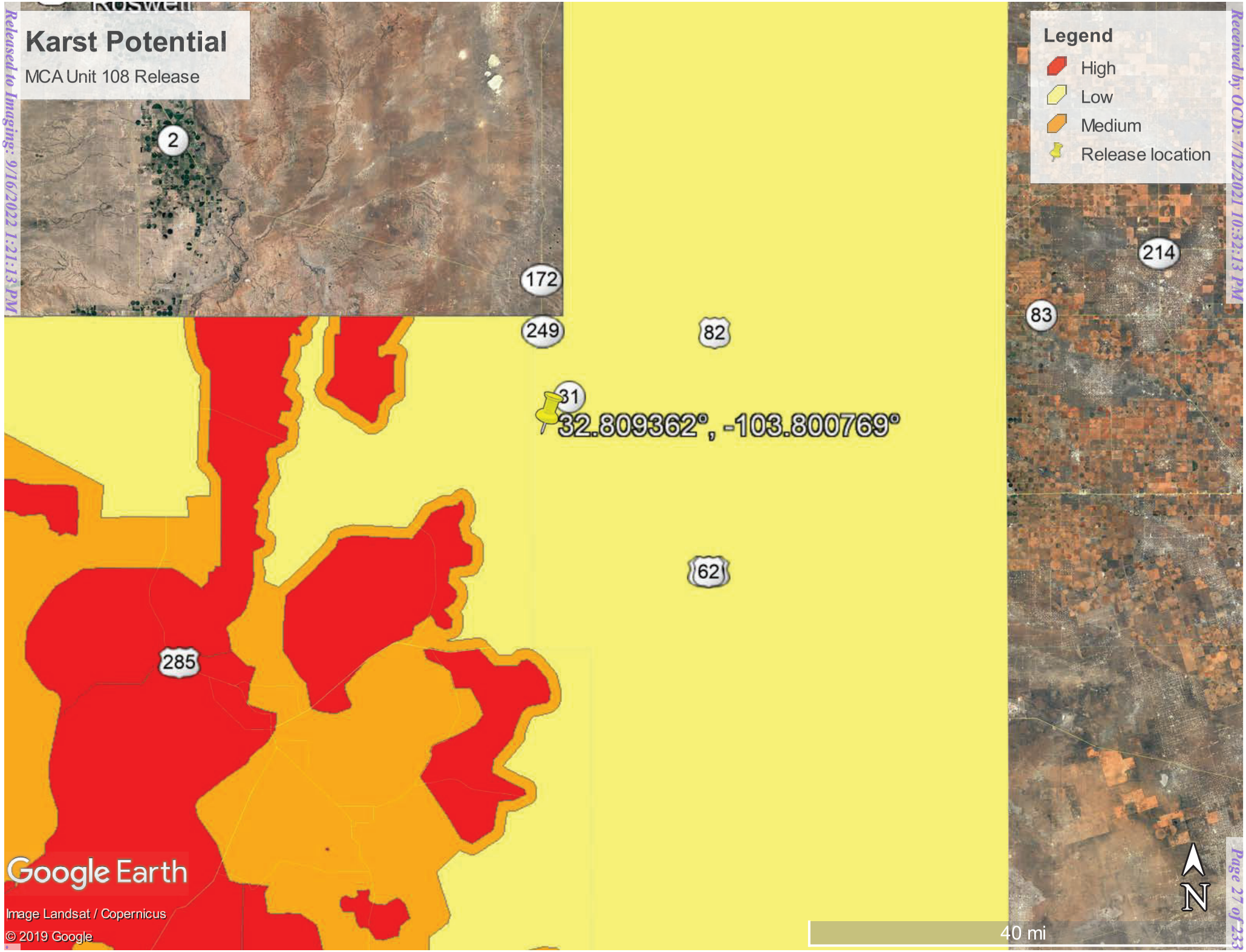
0 0.5 1 2 mi

0 0.75 1.5 3 km

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS,

New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. http://nm-emnrd.maps.arcgis.com/apps/webappviewer/: New Mexico Oil Conservation Division



APPENDIX C
Laboratory Analytical Data

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

June 01, 2021

Sam Abbott
Tetra Tech, Inc
8911 N Capital of Texas Hwy
#2310
Austin, TX 78759

RE: Project: MCA 108
Pace Project No.: 60370722

Dear Sam Abbott:

Enclosed are the analytical results for sample(s) received by the laboratory on May 28, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Kansas City

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Nolie Wood
nolie.wood@pacelabs.com
1(913)563-1401
Project Manager

Enclosures

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

CERTIFICATIONS

Project: MCA 108
Pace Project No.: 60370722

Pace Analytical Services Kansas
9608 Loiret Boulevard, Lenexa, KS 66219
Missouri Inorganic Drinking Water Certification #: 10090
Arkansas Drinking Water
Arkansas Certification #: 20-020-0
Arkansas Drinking Water
Illinois Certification #: 200030
Iowa Certification #: 118
Kansas/NELAP Certification #: E-10116
Louisiana Certification #: 03055
Nevada Certification #: KS000212020-2
Oklahoma Certification #: 9205/9935
Florida: Cert E871149 SEKS WET
Texas Certification #: T104704407-19-12
Utah Certification #: KS000212019-9
Illinois Certification #: 004592
Kansas Field Laboratory Accreditation: # E-92587
Missouri SEKS Micro Certification: 10070

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

SAMPLE SUMMARY

Project: MCA 108
Pace Project No.: 60370722

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60370722001	NSW-6	Solid	05/26/21 09:20	05/28/21 08:37
60370722002	NSW-7	Solid	05/26/21 09:25	05/28/21 08:37
60370722003	NSW-8	Solid	05/26/21 09:30	05/28/21 08:37
60370722004	NSW-9	Solid	05/26/21 09:35	05/28/21 08:37
60370722005	NSW-10	Solid	05/26/21 09:40	05/28/21 08:37
60370722006	SSW-6	Solid	05/26/21 09:45	05/28/21 08:37
60370722007	SSW-7	Solid	05/26/21 09:50	05/28/21 08:37
60370722008	SSW-8	Solid	05/26/21 09:55	05/28/21 08:37
60370722009	SSW-9	Solid	05/26/21 10:00	05/28/21 08:37
60370722010	ESW-2	Solid	05/26/21 10:05	05/28/21 08:37
60370722011	ESW-3	Solid	05/26/21 10:10	05/28/21 08:37
60370722012	ESW-4	Solid	05/26/21 10:15	05/28/21 08:37
60370722013	WSW-2	Solid	05/26/21 10:20	05/28/21 08:37
60370722014	WSW-3	Solid	05/26/21 10:25	05/28/21 08:37
60370722015	WSW-4	Solid	05/26/21 10:30	05/28/21 08:37

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

SAMPLE ANALYTE COUNT

Project: MCA 108
Pace Project No.: 60370722

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60370722001	NSW-6	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	LDB	1	PASI-K
60370722002	NSW-7	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	LDB	1	PASI-K
60370722003	NSW-8	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	LDB	1	PASI-K
60370722004	NSW-9	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	LDB	1	PASI-K
60370722005	NSW-10	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	LDB	1	PASI-K
60370722006	SSW-6	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	LDB	1	PASI-K
60370722007	SSW-7	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	LDB	1	PASI-K
60370722008	SSW-8	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

SAMPLE ANALYTE COUNT

Project: MCA 108
Pace Project No.: 60370722

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	LDB	1	PASI-K
60370722009	**SSW-9**	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	LDB	1	PASI-K
60370722010	**ESW-2**	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	LDB	1	PASI-K
60370722011	**ESW-3**	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	LDB	1	PASI-K
60370722012	**ESW-4**	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	LDB	1	PASI-K
60370722013	**WSW-2**	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	LDB	1	PASI-K
60370722014	**WSW-3**	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	LDB	1	PASI-K
60370722015	**WSW-4**	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

SAMPLE ANALYTE COUNT

Project: MCA 108
Pace Project No.: 60370722

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 9056	LDB	1	PASI-K

PASI-K = Pace Analytical Services - Kansas City

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60370722

Sample: NSW-6 **Lab ID: 60370722001** Collected: 05/26/21 09:20 Received: 05/28/21 08:37 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	19.0	1	05/28/21 14:24	06/01/21 11:18		
TPH-ORO (C28-C35)	ND	mg/kg	19.0	1	05/28/21 14:24	06/01/21 11:18		
Surrogates								
n-Tetracosane (S)	73	%	10-170	1	05/28/21 14:24	06/01/21 11:18	646-31-1	
p-Terphenyl (S)	68	%	65-125	1	05/28/21 14:24	06/01/21 11:18	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	11.8	1	05/30/21 12:45	05/30/21 16:40		
Surrogates								
4-Bromofluorobenzene (S)	87	%	63-121	1	05/30/21 12:45	05/30/21 16:40	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	4.9	1	05/28/21 14:33	05/28/21 23:02	71-43-2	
Ethylbenzene	ND	ug/kg	4.9	1	05/28/21 14:33	05/28/21 23:02	100-41-4	
Toluene	ND	ug/kg	4.9	1	05/28/21 14:33	05/28/21 23:02	108-88-3	
Xylene (Total)	ND	ug/kg	4.9	1	05/28/21 14:33	05/28/21 23:02	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1	05/28/21 14:33	05/28/21 23:02	2037-26-5	
4-Bromofluorobenzene (S)	94	%	80-120	1	05/28/21 14:33	05/28/21 23:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	80-120	1	05/28/21 14:33	05/28/21 23:02	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	ND	%	0.50	1		05/28/21 13:59		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	101	10	06/01/21 08:10	06/01/21 10:41	16887-00-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60370722

Sample: NSW-7 **Lab ID: 60370722002** Collected: 05/26/21 09:25 Received: 05/28/21 08:37 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	10.0	1	05/28/21 14:24	06/01/21 13:54		
TPH-ORO (C28-C35)	ND	mg/kg	10.0	1	05/28/21 14:24	06/01/21 13:54		
Surrogates								
n-Tetracosane (S)	85	%	10-170	1	05/28/21 14:24	06/01/21 13:54	646-31-1	
p-Terphenyl (S)	75	%	65-125	1	05/28/21 14:24	06/01/21 13:54	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	9.6	1	05/30/21 12:45	05/30/21 16:59		
Surrogates								
4-Bromofluorobenzene (S)	86	%	63-121	1	05/30/21 12:45	05/30/21 16:59	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.0	1	05/28/21 14:33	05/28/21 23:18	71-43-2	
Ethylbenzene	ND	ug/kg	5.0	1	05/28/21 14:33	05/28/21 23:18	100-41-4	
Toluene	ND	ug/kg	5.0	1	05/28/21 14:33	05/28/21 23:18	108-88-3	
Xylene (Total)	ND	ug/kg	5.0	1	05/28/21 14:33	05/28/21 23:18	1330-20-7	
Surrogates								
Toluene-d8 (S)	92	%	80-120	1	05/28/21 14:33	05/28/21 23:18	2037-26-5	
4-Bromofluorobenzene (S)	93	%	80-120	1	05/28/21 14:33	05/28/21 23:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	80-120	1	05/28/21 14:33	05/28/21 23:18	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**0.84**	%	0.50	1		05/28/21 13:59		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	101	10	06/01/21 08:10	06/01/21 10:17	16887-00-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60370722

Sample: NSW-8 **Lab ID: 60370722003** Collected: 05/26/21 09:30 Received: 05/28/21 08:37 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	10.0	1	05/28/21 14:24	06/01/21 14:02		
TPH-ORO (C28-C35)	ND	mg/kg	10.0	1	05/28/21 14:24	06/01/21 14:02		
Surrogates								
n-Tetracosane (S)	64	%	10-170	1	05/28/21 14:24	06/01/21 14:02	646-31-1	
p-Terphenyl (S)	51	%	65-125	1	05/28/21 14:24	06/01/21 14:02	92-94-4	S1
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	8.4	1	05/30/21 12:45	05/30/21 17:18		
Surrogates								
4-Bromofluorobenzene (S)	86	%	63-121	1	05/30/21 12:45	05/30/21 17:18	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.0	1	05/28/21 14:33	05/28/21 23:33	71-43-2	
Ethylbenzene	ND	ug/kg	5.0	1	05/28/21 14:33	05/28/21 23:33	100-41-4	
Toluene	ND	ug/kg	5.0	1	05/28/21 14:33	05/28/21 23:33	108-88-3	
Xylene (Total)	ND	ug/kg	5.0	1	05/28/21 14:33	05/28/21 23:33	1330-20-7	
Surrogates								
Toluene-d8 (S)	103	%	80-120	1	05/28/21 14:33	05/28/21 23:33	2037-26-5	
4-Bromofluorobenzene (S)	94	%	80-120	1	05/28/21 14:33	05/28/21 23:33	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	80-120	1	05/28/21 14:33	05/28/21 23:33	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**2.2**	%	0.50	1		05/28/21 14:00		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	103	10	06/01/21 08:10	06/01/21 09:41	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60370722

Sample: NSW-9 **Lab ID: 60370722004** Collected: 05/26/21 09:35 Received: 05/28/21 08:37 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	10.0	1	05/28/21 14:24	06/01/21 11:58		
TPH-ORO (C28-C35)	ND	mg/kg	10.0	1	05/28/21 14:24	06/01/21 11:58		
Surrogates								
n-Tetracosane (S)	83	%	10-170	1	05/28/21 14:24	06/01/21 11:58	646-31-1	
p-Terphenyl (S)	70	%	65-125	1	05/28/21 14:24	06/01/21 11:58	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	9.7	1	05/30/21 12:45	05/30/21 18:18		
Surrogates								
4-Bromofluorobenzene (S)	85	%	63-121	1	05/30/21 12:45	05/30/21 18:18	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.0	1	05/28/21 14:33	05/28/21 23:48	71-43-2	
Ethylbenzene	ND	ug/kg	5.0	1	05/28/21 14:33	05/28/21 23:48	100-41-4	
Toluene	ND	ug/kg	5.0	1	05/28/21 14:33	05/28/21 23:48	108-88-3	
Xylene (Total)	ND	ug/kg	5.0	1	05/28/21 14:33	05/28/21 23:48	1330-20-7	
Surrogates								
Toluene-d8 (S)	102	%	80-120	1	05/28/21 14:33	05/28/21 23:48	2037-26-5	
4-Bromofluorobenzene (S)	87	%	80-120	1	05/28/21 14:33	05/28/21 23:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	80-120	1	05/28/21 14:33	05/28/21 23:48	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	ND	%	0.50	1		05/28/21 14:00		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	99.6	10	06/01/21 08:10	06/01/21 10:53	16887-00-6	

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60370722

Sample: NSW-10 **Lab ID: 60370722005** Collected: 05/26/21 09:40 Received: 05/28/21 08:37 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	9.9	1	05/28/21 14:24	06/01/21 12:06		
TPH-ORO (C28-C35)	ND	mg/kg	9.9	1	05/28/21 14:24	06/01/21 12:06		
Surrogates								
n-Tetracosane (S)	92	%	10-170	1	05/28/21 14:24	06/01/21 12:06	646-31-1	
p-Terphenyl (S)	74	%	65-125	1	05/28/21 14:24	06/01/21 12:06	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	9.8	1	05/30/21 12:45	05/30/21 18:39		
Surrogates								
4-Bromofluorobenzene (S)	87	%	63-121	1	05/30/21 12:45	05/30/21 18:39	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.0	1	05/28/21 14:33	05/29/21 00:04	71-43-2	
Ethylbenzene	ND	ug/kg	5.0	1	05/28/21 14:33	05/29/21 00:04	100-41-4	
Toluene	ND	ug/kg	5.0	1	05/28/21 14:33	05/29/21 00:04	108-88-3	
Xylene (Total)	ND	ug/kg	5.0	1	05/28/21 14:33	05/29/21 00:04	1330-20-7	
Surrogates								
Toluene-d8 (S)	91	%	80-120	1	05/28/21 14:33	05/29/21 00:04	2037-26-5	
4-Bromofluorobenzene (S)	92	%	80-120	1	05/28/21 14:33	05/29/21 00:04	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	80-120	1	05/28/21 14:33	05/29/21 00:04	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**1.3**	%	0.50	1		05/28/21 14:00		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	104	10	06/01/21 08:10	06/01/21 11:05	16887-00-6	

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60370722

Sample: SSW-6 **Lab ID: 60370722006** Collected: 05/26/21 09:45 Received: 05/28/21 08:37 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	10.3	1	05/28/21 14:24	06/01/21 12:14		
TPH-ORO (C28-C35)	ND	mg/kg	10.3	1	05/28/21 14:24	06/01/21 12:14		
Surrogates								
n-Tetracosane (S)	128	%	10-170	1	05/28/21 14:24	06/01/21 12:14	646-31-1	
p-Terphenyl (S)	95	%	65-125	1	05/28/21 14:24	06/01/21 12:14	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	10.4	1	05/30/21 12:45	05/30/21 18:59		
Surrogates								
4-Bromofluorobenzene (S)	87	%	63-121	1	05/30/21 12:45	05/30/21 18:59	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.1	1	05/28/21 14:33	05/29/21 00:19	71-43-2	
Ethylbenzene	ND	ug/kg	5.1	1	05/28/21 14:33	05/29/21 00:19	100-41-4	
Toluene	ND	ug/kg	5.1	1	05/28/21 14:33	05/29/21 00:19	108-88-3	
Xylene (Total)	ND	ug/kg	5.1	1	05/28/21 14:33	05/29/21 00:19	1330-20-7	
Surrogates								
Toluene-d8 (S)	91	%	80-120	1	05/28/21 14:33	05/29/21 00:19	2037-26-5	
4-Bromofluorobenzene (S)	94	%	80-120	1	05/28/21 14:33	05/29/21 00:19	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	80-120	1	05/28/21 14:33	05/29/21 00:19	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**3.4**	%	0.50	1		05/28/21 14:00		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	103	10	06/01/21 08:10	06/01/21 11:41	16887-00-6	

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60370722

Sample: SSW-7 **Lab ID: 60370722007** Collected: 05/26/21 09:50 Received: 05/28/21 08:37 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	**37.7**	mg/kg	9.8	1	05/28/21 14:24	06/01/21 12:22		
TPH-ORO (C28-C35)	**13.9**	mg/kg	9.8	1	05/28/21 14:24	06/01/21 12:22		
Surrogates								
n-Tetracosane (S)	106	%	10-170	1	05/28/21 14:24	06/01/21 12:22	646-31-1	
p-Terphenyl (S)	71	%	65-125	1	05/28/21 14:24	06/01/21 12:22	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	9.5	1	05/30/21 12:45	05/30/21 20:00		
Surrogates								
4-Bromofluorobenzene (S)	89	%	63-121	1	05/30/21 12:45	05/30/21 20:00	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.0	1	05/28/21 14:33	05/29/21 00:35	71-43-2	
Ethylbenzene	ND	ug/kg	5.0	1	05/28/21 14:33	05/29/21 00:35	100-41-4	
Toluene	ND	ug/kg	5.0	1	05/28/21 14:33	05/29/21 00:35	108-88-3	
Xylene (Total)	ND	ug/kg	5.0	1	05/28/21 14:33	05/29/21 00:35	1330-20-7	
Surrogates								
Toluene-d8 (S)	102	%	80-120	1	05/28/21 14:33	05/29/21 00:35	2037-26-5	
4-Bromofluorobenzene (S)	86	%	80-120	1	05/28/21 14:33	05/29/21 00:35	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	80-120	1	05/28/21 14:33	05/29/21 00:35	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**1.3**	%	0.50	1		05/28/21 14:00		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	104	10	06/01/21 08:10	06/01/21 11:53	16887-00-6	

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60370722

Sample: SSW-8 **Lab ID: 60370722008** Collected: 05/26/21 09:55 Received: 05/28/21 08:37 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	9.8	1	05/28/21 14:24	06/01/21 14:10		
TPH-ORO (C28-C35)	ND	mg/kg	9.8	1	05/28/21 14:24	06/01/21 14:10		
Surrogates								
n-Tetracosane (S)	95	%	10-170	1	05/28/21 14:24	06/01/21 14:10	646-31-1	
p-Terphenyl (S)	68	%	65-125	1	05/28/21 14:24	06/01/21 14:10	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	8.1	1	05/30/21 12:45	05/30/21 20:21		
Surrogates								
4-Bromofluorobenzene (S)	86	%	63-121	1	05/30/21 12:45	05/30/21 20:21	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.0	1	05/28/21 14:33	05/29/21 00:50	71-43-2	
Ethylbenzene	ND	ug/kg	5.0	1	05/28/21 14:33	05/29/21 00:50	100-41-4	
Toluene	ND	ug/kg	5.0	1	05/28/21 14:33	05/29/21 00:50	108-88-3	
Xylene (Total)	ND	ug/kg	5.0	1	05/28/21 14:33	05/29/21 00:50	1330-20-7	
Surrogates								
Toluene-d8 (S)	92	%	80-120	1	05/28/21 14:33	05/29/21 00:50	2037-26-5	
4-Bromofluorobenzene (S)	90	%	80-120	1	05/28/21 14:33	05/29/21 00:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	80-120	1	05/28/21 14:33	05/29/21 00:50	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**0.67**	%	0.50	1		05/28/21 14:00		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	99.5	10	06/01/21 08:10	06/01/21 12:05	16887-00-6	

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60370722

Sample: SSW-9 **Lab ID: 60370722009** Collected: 05/26/21 10:00 Received: 05/28/21 08:37 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	**1010**	mg/kg	97.9	10	05/28/21 14:24	06/01/21 12:39		
TPH-ORO (C28-C35)	**567**	mg/kg	97.9	10	05/28/21 14:24	06/01/21 12:39		
Surrogates								
n-Tetracosane (S)	0	%	10-170	10	05/28/21 14:24	06/01/21 12:39	646-31-1	S4
p-Terphenyl (S)	0	%	65-125	10	05/28/21 14:24	06/01/21 12:39	92-94-4	S4
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	8.0	1	05/30/21 12:45	05/30/21 20:40		
Surrogates								
4-Bromofluorobenzene (S)	88	%	63-121	1	05/30/21 12:45	05/30/21 20:40	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.2	1	05/28/21 14:33	05/29/21 01:06	71-43-2	
Ethylbenzene	ND	ug/kg	5.2	1	05/28/21 14:33	05/29/21 01:06	100-41-4	
Toluene	ND	ug/kg	5.2	1	05/28/21 14:33	05/29/21 01:06	108-88-3	
Xylene (Total)	ND	ug/kg	5.2	1	05/28/21 14:33	05/29/21 01:06	1330-20-7	
Surrogates								
Toluene-d8 (S)	124	%	80-120	1	05/28/21 14:33	05/29/21 01:06	2037-26-5	S3
4-Bromofluorobenzene (S)	127	%	80-120	1	05/28/21 14:33	05/29/21 01:06	460-00-4	S3
1,2-Dichlorobenzene-d4 (S)	98	%	80-120	1	05/28/21 14:33	05/29/21 01:06	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**3.9**	%	0.50	1		05/28/21 14:00		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	101	10	06/01/21 08:10	06/01/21 12:17	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60370722

Sample: ESW-2 **Lab ID: 60370722010** Collected: 05/26/21 10:05 Received: 05/28/21 08:37 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	10.0	1	05/28/21 14:24	06/01/21 14:18		
TPH-ORO (C28-C35)	ND	mg/kg	10.0	1	05/28/21 14:24	06/01/21 14:18		
Surrogates								
n-Tetracosane (S)	44	%	10-170	1	05/28/21 14:24	06/01/21 14:18	646-31-1	
p-Terphenyl (S)	64	%	65-125	1	05/28/21 14:24	06/01/21 14:18	92-94-4	S1
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	10.5	1	05/30/21 12:45	05/30/21 21:00		
Surrogates								
4-Bromofluorobenzene (S)	90	%	63-121	1	05/30/21 12:45	05/30/21 21:00	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.0	1	05/28/21 14:33	05/29/21 01:21	71-43-2	
Ethylbenzene	ND	ug/kg	5.0	1	05/28/21 14:33	05/29/21 01:21	100-41-4	
Toluene	ND	ug/kg	5.0	1	05/28/21 14:33	05/29/21 01:21	108-88-3	
Xylene (Total)	ND	ug/kg	5.0	1	05/28/21 14:33	05/29/21 01:21	1330-20-7	
Surrogates								
Toluene-d8 (S)	151	%	80-120	1	05/28/21 14:33	05/29/21 01:21	2037-26-5	S3
4-Bromofluorobenzene (S)	96	%	80-120	1	05/28/21 14:33	05/29/21 01:21	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	80-120	1	05/28/21 14:33	05/29/21 01:21	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**2.9**	%	0.50	1		05/28/21 14:00		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	100	10	06/01/21 08:10	06/01/21 12:29	16887-00-6	

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60370722

Sample: ESW-3 **Lab ID: 60370722011** Collected: 05/26/21 10:10 Received: 05/28/21 08:37 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	9.5	1	05/28/21 14:24	06/01/21 14:26		
TPH-ORO (C28-C35)	ND	mg/kg	9.5	1	05/28/21 14:24	06/01/21 14:26		
Surrogates								
n-Tetracosane (S)	41	%	10-170	1	05/28/21 14:24	06/01/21 14:26	646-31-1	
p-Terphenyl (S)	59	%	65-125	1	05/28/21 14:24	06/01/21 14:26	92-94-4	S1
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	9.1	1	05/30/21 12:45	05/30/21 21:19		
Surrogates								
4-Bromofluorobenzene (S)	90	%	63-121	1	05/30/21 12:45	05/30/21 21:19	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.0	1	05/28/21 14:33	05/29/21 01:36	71-43-2	
Ethylbenzene	ND	ug/kg	5.0	1	05/28/21 14:33	05/29/21 01:36	100-41-4	
Toluene	ND	ug/kg	5.0	1	05/28/21 14:33	05/29/21 01:36	108-88-3	
Xylene (Total)	ND	ug/kg	5.0	1	05/28/21 14:33	05/29/21 01:36	1330-20-7	
Surrogates								
Toluene-d8 (S)	101	%	80-120	1	05/28/21 14:33	05/29/21 01:36	2037-26-5	
4-Bromofluorobenzene (S)	85	%	80-120	1	05/28/21 14:33	05/29/21 01:36	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	80-120	1	05/28/21 14:33	05/29/21 01:36	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**1.0**	%	0.50	1		05/28/21 14:00		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	99.2	10	06/01/21 08:10	06/01/21 12:41	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60370722

Sample: ESW-4 **Lab ID: 60370722012** Collected: 05/26/21 10:15 Received: 05/28/21 08:37 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	**3070**	mg/kg	102	10	05/28/21 14:24	06/01/21 13:03		
TPH-ORO (C28-C35)	**1100**	mg/kg	102	10	05/28/21 14:24	06/01/21 13:03		
Surrogates								
n-Tetracosane (S)	0	%	10-170	10	05/28/21 14:24	06/01/21 13:03	646-31-1	S4
p-Terphenyl (S)	0	%	65-125	10	05/28/21 14:24	06/01/21 13:03	92-94-4	S4
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	9.1	1	05/30/21 12:45	05/30/21 21:38		
Surrogates								
4-Bromofluorobenzene (S)	88	%	63-121	1	05/30/21 12:45	05/30/21 21:38	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.3	1	05/28/21 14:33	05/29/21 01:52	71-43-2	R1
Ethylbenzene	ND	ug/kg	5.3	1	05/28/21 14:33	05/29/21 01:52	100-41-4	
Toluene	ND	ug/kg	5.3	1	05/28/21 14:33	05/29/21 01:52	108-88-3	
Xylene (Total)	ND	ug/kg	5.3	1	05/28/21 14:33	05/29/21 01:52	1330-20-7	
Surrogates								
Toluene-d8 (S)	112	%	80-120	1	05/28/21 14:33	05/29/21 01:52	2037-26-5	
4-Bromofluorobenzene (S)	140	%	80-120	1	05/28/21 14:33	05/29/21 01:52	460-00-4	IO,S1
1,2-Dichlorobenzene-d4 (S)	99	%	80-120	1	05/28/21 14:33	05/29/21 01:52	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**6.3**	%	0.50	1		05/28/21 14:00		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	**121**	mg/kg	106	10	06/01/21 08:10	06/01/21 12:54	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60370722

Sample: WSW-2 **Lab ID: 60370722013** Collected: 05/26/21 10:20 Received: 05/28/21 08:37 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	**10.6**	mg/kg	9.9	1	05/28/21 14:24	06/01/21 13:11		
TPH-ORO (C28-C35)	**18.0**	mg/kg	9.9	1	05/28/21 14:24	06/01/21 13:11		
Surrogates								
n-Tetracosane (S)	56	%	10-170	1	05/28/21 14:24	06/01/21 13:11	646-31-1	
p-Terphenyl (S)	76	%	65-125	1	05/28/21 14:24	06/01/21 13:11	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	9.9	1	05/30/21 12:45	05/30/21 21:57		
Surrogates								
4-Bromofluorobenzene (S)	95	%	63-121	1	05/30/21 12:45	05/30/21 21:57	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.0	1	05/28/21 15:28	05/29/21 03:40	71-43-2	L1
Ethylbenzene	ND	ug/kg	5.0	1	05/28/21 15:28	05/29/21 03:40	100-41-4	
Toluene	ND	ug/kg	5.0	1	05/28/21 15:28	05/29/21 03:40	108-88-3	
Xylene (Total)	ND	ug/kg	5.0	1	05/28/21 15:28	05/29/21 03:40	1330-20-7	
Surrogates								
Toluene-d8 (S)	90	%	80-120	1	05/28/21 15:28	05/29/21 03:40	2037-26-5	
4-Bromofluorobenzene (S)	95	%	80-120	1	05/28/21 15:28	05/29/21 03:40	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	80-120	1	05/28/21 15:28	05/29/21 03:40	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**0.59**	%	0.50	1		05/28/21 14:00		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	97.5	10	06/01/21 08:10	06/01/21 13:06	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60370722

Sample: WSW-3 **Lab ID: 60370722014** Collected: 05/26/21 10:25 Received: 05/28/21 08:37 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	10.2	1	05/28/21 14:24	06/01/21 13:35		
TPH-ORO (C28-C35)	ND	mg/kg	10.2	1	05/28/21 14:24	06/01/21 13:35		
Surrogates								
n-Tetracosane (S)	43	%	10-170	1	05/28/21 14:24	06/01/21 13:35	646-31-1	
p-Terphenyl (S)	72	%	65-125	1	05/28/21 14:24	06/01/21 13:35	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	10.2	1	05/30/21 12:45	05/30/21 22:16		
Surrogates								
4-Bromofluorobenzene (S)	89	%	63-121	1	05/30/21 12:45	05/30/21 22:16	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.1	1	05/28/21 15:28	05/29/21 03:55	71-43-2	L1
Ethylbenzene	ND	ug/kg	5.1	1	05/28/21 15:28	05/29/21 03:55	100-41-4	
Toluene	ND	ug/kg	5.1	1	05/28/21 15:28	05/29/21 03:55	108-88-3	
Xylene (Total)	ND	ug/kg	5.1	1	05/28/21 15:28	05/29/21 03:55	1330-20-7	
Surrogates								
Toluene-d8 (S)	99	%	80-120	1	05/28/21 15:28	05/29/21 03:55	2037-26-5	
4-Bromofluorobenzene (S)	103	%	80-120	1	05/28/21 15:28	05/29/21 03:55	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	80-120	1	05/28/21 15:28	05/29/21 03:55	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**1.9**	%	0.50	1		05/28/21 15:50		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	102	10	06/01/21 08:10	06/01/21 13:18	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60370722

Sample: WSW-4 **Lab ID: 60370722015** Collected: 05/26/21 10:30 Received: 05/28/21 08:37 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	9.8	1	05/28/21 14:24	06/01/21 13:43		
TPH-ORO (C28-C35)	ND	mg/kg	9.8	1	05/28/21 14:24	06/01/21 13:43		
Surrogates								
n-Tetracosane (S)	53	%	10-170	1	05/28/21 14:24	06/01/21 13:43	646-31-1	
p-Terphenyl (S)	75	%	65-125	1	05/28/21 14:24	06/01/21 13:43	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	9.5	1	05/30/21 12:45	05/30/21 22:36		
Surrogates								
4-Bromofluorobenzene (S)	89	%	63-121	1	05/30/21 12:45	05/30/21 22:36	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.0	1	05/28/21 15:28	05/29/21 04:11	71-43-2	L1
Ethylbenzene	ND	ug/kg	5.0	1	05/28/21 15:28	05/29/21 04:11	100-41-4	
Toluene	ND	ug/kg	5.0	1	05/28/21 15:28	05/29/21 04:11	108-88-3	
Xylene (Total)	ND	ug/kg	5.0	1	05/28/21 15:28	05/29/21 04:11	1330-20-7	
Surrogates								
Toluene-d8 (S)	94	%	80-120	1	05/28/21 15:28	05/29/21 04:11	2037-26-5	
4-Bromofluorobenzene (S)	105	%	80-120	1	05/28/21 15:28	05/29/21 04:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	80-120	1	05/28/21 15:28	05/29/21 04:11	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**2.1**	%	0.50	1		05/28/21 15:50		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	103	10	06/01/21 08:10	06/01/21 13:30	16887-00-6	

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QUALITY CONTROL DATA

Project: MCA 108
Pace Project No.: 60370722

QC Batch: 723494
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8015B
Analysis Description: Gasoline Range Organics
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60370722001, 60370722002, 60370722003, 60370722004, 60370722005, 60370722006, 60370722007, 60370722008, 60370722009, 60370722010, 60370722011, 60370722012, 60370722013, 60370722014, 60370722015

METHOD BLANK: 2909010 Matrix: Solid
Associated Lab Samples: 60370722001, 60370722002, 60370722003, 60370722004, 60370722005, 60370722006, 60370722007, 60370722008, 60370722009, 60370722010, 60370722011, 60370722012, 60370722013, 60370722014, 60370722015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/kg	ND	10.0	05/30/21 16:21	
4-Bromofluorobenzene (S)	%	89	63-121	05/30/21 16:21	

LABORATORY CONTROL SAMPLE: 2909011

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/kg	50	43.0	86	71-107	
4-Bromofluorobenzene (S)	%			91	63-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2909012 2909013

Parameter	Units	60370722003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH-GRO	mg/kg	ND	42	42	33.7	35.3	79	83	29-143	4	26	
4-Bromofluorobenzene (S)	%						89	88	63-121			

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QUALITY CONTROL DATA

Project: MCA 108
Pace Project No.: 60370722

QC Batch: 723424
QC Batch Method: EPA 5035A/5030
Analysis Method: EPA 8260B
Analysis Description: 8260 MSV 5035A Volatile Organics
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60370722001, 60370722002, 60370722003, 60370722004, 60370722005, 60370722006, 60370722007, 60370722008, 60370722009, 60370722010, 60370722011, 60370722012

METHOD BLANK: 2908338 Matrix: Solid
Associated Lab Samples: 60370722001, 60370722002, 60370722003, 60370722004, 60370722005, 60370722006, 60370722007, 60370722008, 60370722009, 60370722010, 60370722011, 60370722012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/kg	ND	5.0	05/28/21 20:44	
Ethylbenzene	ug/kg	ND	5.0	05/28/21 20:44	
Toluene	ug/kg	ND	5.0	05/28/21 20:44	
Xylene (Total)	ug/kg	ND	5.0	05/28/21 20:44	
1,2-Dichlorobenzene-d4 (S)	%	99	80-120	05/28/21 20:44	
4-Bromofluorobenzene (S)	%	93	85-115	05/28/21 20:44	
Toluene-d8 (S)	%	91	80-120	05/28/21 20:44	

LABORATORY CONTROL SAMPLE: 2908339

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	100	94.1	94	75-125	
Ethylbenzene	ug/kg	100	96.9	97	80-130	
Toluene	ug/kg	100	95.9	96	80-120	
Xylene (Total)	ug/kg	300	281	94	80-125	
1,2-Dichlorobenzene-d4 (S)	%			101	80-120	
4-Bromofluorobenzene (S)	%			90	85-115	
Toluene-d8 (S)	%			101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2908340 2908341

Parameter	Units	60370722012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	ND	107	105	48.5	82.9	45	79	45-130	52	35	R1
Ethylbenzene	ug/kg	ND	107	105	63.1	59.7	59	57	35-140	6	35	
Toluene	ug/kg	ND	107	105	72.9	80.1	68	76	40-135	9	35	
Xylene (Total)	ug/kg	ND	320	315	166	160	52	51	30-145	4	35	
1,2-Dichlorobenzene-d4 (S)	%						95	101	80-120		3	
4-Bromofluorobenzene (S)	%						134	212	85-115		20	IO,S1
Toluene-d8 (S)	%						99	107	80-120		20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: MCA 108
Pace Project No.: 60370722

QC Batch: 723427
QC Batch Method: EPA 5035A/5030
Analysis Method: EPA 8260B
Analysis Description: 8260 MSV 5035A Volatile Organics
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60370722013, 60370722014, 60370722015

METHOD BLANK: 2908347 Matrix: Solid
Associated Lab Samples: 60370722013, 60370722014, 60370722015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/kg	ND	5.0	05/29/21 03:24	
Ethylbenzene	ug/kg	ND	5.0	05/29/21 03:24	
Toluene	ug/kg	ND	5.0	05/29/21 03:24	
Xylene (Total)	ug/kg	ND	5.0	05/29/21 03:24	
1,2-Dichlorobenzene-d4 (S)	%	98	80-120	05/29/21 03:24	
4-Bromofluorobenzene (S)	%	95	85-115	05/29/21 03:24	
Toluene-d8 (S)	%	101	80-120	05/29/21 03:24	

LABORATORY CONTROL SAMPLE: 2908348

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	100	126	126	75-125	L1
Ethylbenzene	ug/kg	100	98.8	99	80-130	
Toluene	ug/kg	100	86.9	87	80-120	
Xylene (Total)	ug/kg	300	281	94	80-125	
1,2-Dichlorobenzene-d4 (S)	%			97	80-120	
4-Bromofluorobenzene (S)	%			94	85-115	
Toluene-d8 (S)	%			92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2908349 2908350

Parameter	Units	60370722015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	ND	101	100	86.5	86.7	86	86	45-130	0	35	
Ethylbenzene	ug/kg	ND	101	100	78.7	79.4	78	79	35-140	1	35	
Toluene	ug/kg	ND	101	100	77.6	80.7	77	80	40-135	4	35	
Xylene (Total)	ug/kg	ND	301	301	207	212	69	70	30-145	2	35	
1,2-Dichlorobenzene-d4 (S)	%						99	100	80-120		3	
4-Bromofluorobenzene (S)	%						105	104	85-115		20	
Toluene-d8 (S)	%						93	97	80-120		20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: MCA 108
Pace Project No.: 60370722

QC Batch: 723410
QC Batch Method: EPA 3546
Analysis Method: EPA 8015B
Analysis Description: EPA 8015B
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60370722001, 60370722002, 60370722003, 60370722004, 60370722005, 60370722006, 60370722007, 60370722008, 60370722009, 60370722010, 60370722011, 60370722012, 60370722013, 60370722014, 60370722015

METHOD BLANK: 2908316 Matrix: Solid
Associated Lab Samples: 60370722001, 60370722002, 60370722003, 60370722004, 60370722005, 60370722006, 60370722007, 60370722008, 60370722009, 60370722010, 60370722011, 60370722012, 60370722013, 60370722014, 60370722015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO (C10-C28)	mg/kg	ND	9.8	06/01/21 11:02	
TPH-ORO (C28-C35)	mg/kg	ND	9.8	06/01/21 11:02	
n-Tetracosane (S)	%	94	31-152	06/01/21 11:02	
p-Terphenyl (S)	%	82	46-130	06/01/21 11:02	

LABORATORY CONTROL SAMPLE: 2908317

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO (C10-C28)	mg/kg	81.4	70.2	86	74-124	
n-Tetracosane (S)	%			98	31-152	
p-Terphenyl (S)	%			81	46-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2908318 2908319

Parameter	Units	60370722001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH-DRO (C10-C28)	mg/kg	ND	160	162	137	142	85	87	30-130	4	35	
n-Tetracosane (S)	%						86	94	31-152			
p-Terphenyl (S)	%						75	79	46-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: MCA 108
Pace Project No.: 60370722

QC Batch: 723419 Analysis Method: ASTM D2974
QC Batch Method: ASTM D2974 Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60370722001, 60370722002, 60370722003, 60370722004, 60370722005, 60370722006, 60370722007, 60370722008, 60370722009, 60370722010, 60370722011, 60370722012, 60370722013

METHOD BLANK: 2908332 Matrix: Solid
Associated Lab Samples: 60370722001, 60370722002, 60370722003, 60370722004, 60370722005, 60370722006, 60370722007, 60370722008, 60370722009, 60370722010, 60370722011, 60370722012, 60370722013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	05/28/21 13:59	

SAMPLE DUPLICATE: 2908333

Parameter	Units	60370699007 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	23.1	23.1	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: MCA 108
Pace Project No.: 60370722

QC Batch: 723461
QC Batch Method: ASTM D2974
Analysis Method: ASTM D2974
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60370722014, 60370722015

METHOD BLANK: 2908499 Matrix: Solid
Associated Lab Samples: 60370722014, 60370722015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	05/28/21 15:50	

SAMPLE DUPLICATE: 2908500

Parameter	Units	60370735001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.2	10.8	6	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: MCA 108
Pace Project No.: 60370722

QC Batch: 723547
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60370722001, 60370722002, 60370722003, 60370722004, 60370722005, 60370722006, 60370722007, 60370722008, 60370722009, 60370722010, 60370722011, 60370722012, 60370722013, 60370722014, 60370722015

METHOD BLANK: 2909142 Matrix: Solid
Associated Lab Samples: 60370722001, 60370722002, 60370722003, 60370722004, 60370722005, 60370722006, 60370722007, 60370722008, 60370722009, 60370722010, 60370722011, 60370722012, 60370722013, 60370722014, 60370722015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/kg	ND	100	06/01/21 09:10	

LABORATORY CONTROL SAMPLE: 2909143

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/kg	500	453	91	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2909144 2909145

Parameter	Units	60370722003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/kg	ND	499	499	495	522	89	94	80-120	5	15	

SAMPLE DUPLICATE: 2909146

Parameter	Units	60370722002 Result	Dup Result	RPD	Max RPD	Qualifiers
Chloride	mg/kg	ND	48.8J		15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALIFIERS

Project: MCA 108
Pace Project No.: 60370722

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

IO	The internal standard response was outside the laboratory acceptance limits confirmed by reanalysis. The results reported are from the most QC compliant analysis.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
R1	RPD value was outside control limits.
S1	Surrogate recovery outside laboratory control limits (confirmed by re-analysis).
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MCA 108
Pace Project No.: 60370722

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60370722001	NSW-6	EPA 3546	723410	EPA 8015B	723591
60370722002	NSW-7	EPA 3546	723410	EPA 8015B	723591
60370722003	NSW-8	EPA 3546	723410	EPA 8015B	723591
60370722004	NSW-9	EPA 3546	723410	EPA 8015B	723591
60370722005	NSW-10	EPA 3546	723410	EPA 8015B	723591
60370722006	SSW-6	EPA 3546	723410	EPA 8015B	723591
60370722007	SSW-7	EPA 3546	723410	EPA 8015B	723591
60370722008	SSW-8	EPA 3546	723410	EPA 8015B	723591
60370722009	SSW-9	EPA 3546	723410	EPA 8015B	723591
60370722010	ESW-2	EPA 3546	723410	EPA 8015B	723591
60370722011	ESW-3	EPA 3546	723410	EPA 8015B	723591
60370722012	ESW-4	EPA 3546	723410	EPA 8015B	723591
60370722013	WSW-2	EPA 3546	723410	EPA 8015B	723591
60370722014	WSW-3	EPA 3546	723410	EPA 8015B	723591
60370722015	WSW-4	EPA 3546	723410	EPA 8015B	723591
60370722001	NSW-6	EPA 5035A/5030B	723494	EPA 8015B	723496
60370722002	NSW-7	EPA 5035A/5030B	723494	EPA 8015B	723496
60370722003	NSW-8	EPA 5035A/5030B	723494	EPA 8015B	723496
60370722004	NSW-9	EPA 5035A/5030B	723494	EPA 8015B	723496
60370722005	NSW-10	EPA 5035A/5030B	723494	EPA 8015B	723496
60370722006	SSW-6	EPA 5035A/5030B	723494	EPA 8015B	723496
60370722007	SSW-7	EPA 5035A/5030B	723494	EPA 8015B	723496
60370722008	SSW-8	EPA 5035A/5030B	723494	EPA 8015B	723496
60370722009	SSW-9	EPA 5035A/5030B	723494	EPA 8015B	723496
60370722010	ESW-2	EPA 5035A/5030B	723494	EPA 8015B	723496
60370722011	ESW-3	EPA 5035A/5030B	723494	EPA 8015B	723496
60370722012	ESW-4	EPA 5035A/5030B	723494	EPA 8015B	723496
60370722013	WSW-2	EPA 5035A/5030B	723494	EPA 8015B	723496
60370722014	WSW-3	EPA 5035A/5030B	723494	EPA 8015B	723496
60370722015	WSW-4	EPA 5035A/5030B	723494	EPA 8015B	723496
60370722001	NSW-6	EPA 5035A/5030	723424	EPA 8260B	723457
60370722002	NSW-7	EPA 5035A/5030	723424	EPA 8260B	723457
60370722003	NSW-8	EPA 5035A/5030	723424	EPA 8260B	723457
60370722004	NSW-9	EPA 5035A/5030	723424	EPA 8260B	723457
60370722005	NSW-10	EPA 5035A/5030	723424	EPA 8260B	723457
60370722006	SSW-6	EPA 5035A/5030	723424	EPA 8260B	723457
60370722007	SSW-7	EPA 5035A/5030	723424	EPA 8260B	723457
60370722008	SSW-8	EPA 5035A/5030	723424	EPA 8260B	723457
60370722009	SSW-9	EPA 5035A/5030	723424	EPA 8260B	723457
60370722010	ESW-2	EPA 5035A/5030	723424	EPA 8260B	723457
60370722011	ESW-3	EPA 5035A/5030	723424	EPA 8260B	723457
60370722012	ESW-4	EPA 5035A/5030	723424	EPA 8260B	723457
60370722013	WSW-2	EPA 5035A/5030	723427	EPA 8260B	723458
60370722014	WSW-3	EPA 5035A/5030	723427	EPA 8260B	723458
60370722015	WSW-4	EPA 5035A/5030	723427	EPA 8260B	723458
60370722001	NSW-6	ASTM D2974	723419		
60370722002	NSW-7	ASTM D2974	723419		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MCA 108
Pace Project No.: 60370722

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60370722003	**NSW-8**	ASTM D2974	723419		
60370722004	**NSW-9**	ASTM D2974	723419		
60370722005	**NSW-10**	ASTM D2974	723419		
60370722006	**SSW-6**	ASTM D2974	723419		
60370722007	**SSW-7**	ASTM D2974	723419		
60370722008	**SSW-8**	ASTM D2974	723419		
60370722009	**SSW-9**	ASTM D2974	723419		
60370722010	**ESW-2**	ASTM D2974	723419		
60370722011	**ESW-3**	ASTM D2974	723419		
60370722012	**ESW-4**	ASTM D2974	723419		
60370722013	**WSW-2**	ASTM D2974	723419		
60370722014	**WSW-3**	ASTM D2974	723461		
60370722015	**WSW-4**	ASTM D2974	723461		
60370722001	**NSW-6**	EPA 9056	723547	EPA 9056	723701
60370722002	**NSW-7**	EPA 9056	723547	EPA 9056	723701
60370722003	**NSW-8**	EPA 9056	723547	EPA 9056	723701
60370722004	**NSW-9**	EPA 9056	723547	EPA 9056	723701
60370722005	**NSW-10**	EPA 9056	723547	EPA 9056	723701
60370722006	**SSW-6**	EPA 9056	723547	EPA 9056	723701
60370722007	**SSW-7**	EPA 9056	723547	EPA 9056	723701
60370722008	**SSW-8**	EPA 9056	723547	EPA 9056	723701
60370722009	**SSW-9**	EPA 9056	723547	EPA 9056	723701
60370722010	**ESW-2**	EPA 9056	723547	EPA 9056	723701
60370722011	**ESW-3**	EPA 9056	723547	EPA 9056	723701
60370722012	**ESW-4**	EPA 9056	723547	EPA 9056	723701
60370722013	**WSW-2**	EPA 9056	723547	EPA 9056	723701
60370722014	**WSW-3**	EPA 9056	723547	EPA 9056	723701
60370722015	**WSW-4**	EPA 9056	723547	EPA 9056	723701

Pace Analytical www.pacelabs.com

Sample Condition Upon Receipt

WO#: 60370722

60370722

Client Name: Tetra Tech Inc

Courier: FedEx ☑ UPS ☐ VIA ☐ Clay ☐ PEX ☐ ECI ☐ Pace ☐ Xroads ☐ Client ☐ Other ☐

Tracking #: 511744357577 Pace Shipping Label Used? Yes ☐ No ☐

Custody Seal on Cooler/Box Present: Yes ☐ No ☐ Seals intact: Yes ☐ No ☐

Packing Material: Bubble Wrap ☐ Bubble Bags ☑ Foam ☐ None ☐ Other ☐

Thermometer Used: T-298 **Type of Ice:** (Wet) Blue None

Cooler Temperature (°C): **As-read** 2.8 **Corr. Factor** 0.0 **Corrected** 2.8°C

Date and initials of person examining contents: 5-28-2100

Temperature should be above freezing to 6°C

Chain of Custody present:	☑Yes ☐No ☐N/A	
Chain of Custody relinquished:	☑Yes ☐No ☐N/A	
Samples arrived within holding time:	☑Yes ☐No ☐N/A	
Short Hold Time analyses (<72hr):	☐Yes ☑No ☐N/A	
Rush Turn Around Time requested:	☑Yes ☐No ☐N/A	24hr
Sufficient volume:	☑Yes ☐No ☐N/A	
Correct containers used:	☑Yes ☐No ☐N/A	
Pace containers used:	☑Yes ☐No ☐N/A	
Containers intact:	☑Yes ☐No ☐N/A	
Unpreserved 5035A / TX1005/1006 soils frozen in 48hrs?	☐Yes ☐No ☑N/A	
Filtered volume received for dissolved tests?	☐Yes ☐No ☑N/A	
Sample labels match COC: Date / time / ID / analyses	☑Yes ☐No ☐N/A	
Samples contain multiple phases? Matrix: SL	☐Yes ☑No ☐N/A	
Containers requiring pH preservation in compliance? (HNO_3, H_2SO_4, HCl<2; NaOH>9 Sulfide, NaOH>10 Cyanide) (Exceptions: VOA, Micro, O&G, KS TPH, OK-DRO) LOT#	☐Yes ☐No ☑N/A	List sample IDs, volumes, lot #'s of preservative and the date/time added.
Cyanide water sample checks: Lead acetate strip turns dark? (Record only)	☐Yes ☐No	
Potassium iodide test strip turns blue/purple? (Preserve)	☐Yes ☐No	
Trip Blank present:	☐Yes ☐No ☑N/A	
Headspace in VOA vials (>6mm):	☐Yes ☐No ☑N/A	
Samples from USDA Regulated Area: State: NM	☐Yes ☑No ☐N/A	Lea County
Additional labels attached to 5035A / TX1005 vials in the field?	☐Yes ☐No ☑N/A	

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: _____

F-KS-C-003-Rev.11, February 28, 2018

Analysis Request of Chain of Custody Record

60370722

Tetra Tech, Inc.

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

L1358613

Client Name:	Conoco Phillips	Site Manager:	Sam Abbott
Project Name:	MCA 108	Contact Info:	Email: sam.abbott@tetratech.com Phone: (512) 739-7874
Project Location: (county, state)	Lea County, New Mexico	Project #:	212C-MD-02175
Invoice to:	Accounts Payable 901 West Wall Street, Suite 100 Midland, Texas 79701		
Receiving Laboratory:	Pace Analytical	Sampler Signature:	John Thurston
Comments:	COPTETRA Acctnum		

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING (YEAR: 2021) DATE	TIME	MATRIX WATER	SOIL	PRESERVATIVE METHOD HCL	HNO_3	ICE	NONE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R	Hold
-01	NSW-6	5/26/2021	9:20		X			X		1	N	X		X												X					
-02	NSW-7	5/26/2021	9:25		X			X		1	N	X		X												X					
-03	NSW-8	5/26/2021	9:30		X			X		1	N	X		X												X					
-04	NSW-9	5/26/2021	9:35		X			X		1	N	X		X												X					
-05	NSW-10	5/26/2021	9:40		X			X		1	N	X		X												X					
-06	SSW-6	5/26/2021	9:45		X			X		1	N	X		X												X					
-07	SSW-7	5/26/2021	9:50		X			X		1	N	X		X												X					
-08	SSW-8	5/26/2021	9:55		X			X		1	N	X		X												X					
-09	SSW-9	5/26/2021	10:00		X			X		1	N	X		X												X					
-10	ESW-2	5/26/2021	10:05		X			X		1	N	X		X												X					

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	5/26/21	1500	[signature]	5/27	9:30
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by: heipt//.	5/28.21	0837	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature

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

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

ORIGINAL COPY

2.8° H091

CONT=15 P760 4.4±0=8.4

T# 988300832616

Analysis Request of Chain of Custody Record

6037072 2

Page : 2 of 2

Tetra Tech, Inc.

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

L1358603

Client Name:	Conoco Phillips	Site Manager:	Christian Llull
Project Name:	MCA 108	Contact Info:	Email: christian.llull@tetratech.com Phone: (512) 338-1667
Project Location: (county, state)	Lea County, New Mexico	Project #:	212C-MD-02175
Invoice to:	Accounts Payable 901 West Wall Street, Suite 100 Midland, Texas 79701		
Receiving Laboratory:	Pace Analytical	Sampler Signature:	John Thurston
Comments:	COPTETRA Acctnum		

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING (YEAR: 2021) DATE	TIME	MATRIX WATER	SOIL	PRESERVATIVE METHOD HCL	HNO_3	ICE	NONE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R	Hold
-11	ESW-3	5/26/2021	10:10		X			X		1	N	X		X												X					
-12	ESW-4	5/26/2021	10:15		X			X		1	N	X		X												X					
-13	WSW-2	5/26/2021	10:20		X			X		1	N	X		X												X					
-14	WSW-3	5/26/2021	10:25		X			X		1	N	X		X												X					
-15	WSW-4	5/26/2021	10:30		X			X		1	N	X		X												X					

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

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	5/26/21	1500	[signature]	5/27	4:30
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by: [signature]	5.28.21	0837	Received by:	Date:	Time:

2.8

LAB USE ONLY
Sample Temperature

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

ORIGINAL COPY

8.4±0=8.4

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

L1358613 COPTETRA NCF HM

R1/R2

Time estimate: oh **Time spent:** oh

Members

HM Hailey Melson (responsible) Christopher McCord EM Erica McNeese

- [ ] Parameter(s) past holding time
- [x] Temperature not in range
- [ ] Improper container type
- [ ] pH not in range
- [ ] Insufficient sample volume
- [ ] Sample is biphasic
- [ ] Vials received with headspace
- [ ] Broken container
- [ ] Sufficient sample remains
- [ ] If broken container: Insufficient packing material around container
- [ ] If broken container: Insufficient packing material inside cooler
- [ ] If broken container: Improper handling by carrier:_____
- [ ] If broken container: Sample was frozen
- [ ] If broken container: Container lid not intact
- [ ] Client informed by Call
- [x] Client informed by Email
- [ ] Client informed by Voicemail
- [x] Date/Time:__05/27/21 13:23_____
- [x] PM initials:_EM_____
- [x] Client Contact:__Sam Abbott_____

Comments

Hailey Melson *27 May 2021 12:08 PM*

All ice melted. Temp=8.4

Erica McNeese *27 May 2021 1:24 PM*

Run as received.

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

June 02, 2021

Sam Abbott
Tetra Tech, Inc
8911 N Capital of Texas Hwy
#2310
Austin, TX 78759

RE: Project: MCA 108 212C-MD-02175
Pace Project No.: 60370825

Dear Sam Abbott:

Enclosed are the analytical results for sample(s) received by the laboratory on June 01, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Kansas City

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Nolie Wood
nolie.wood@pacelabs.com
1(913)563-1401
Project Manager

Enclosures

Pace Analytical Services, LLC
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Lenexa, KS 66219
(913)599-5665

CERTIFICATIONS

Project: MCA 108 212C-MD-02175
Pace Project No.: 60370825

Pace Analytical Services Kansas
9608 Loiret Boulevard, Lenexa, KS 66219
Missouri Inorganic Drinking Water Certification #: 10090
Arkansas Drinking Water
Arkansas Certification #: 20-020-0
Arkansas Drinking Water
Illinois Certification #: 200030
Iowa Certification #: 118
Kansas/NELAP Certification #: E-10116
Louisiana Certification #: 03055
Nevada Certification #: KS000212020-2
Oklahoma Certification #: 9205/9935
Florida: Cert E871149 SEKS WET
Texas Certification #: T104704407-19-12
Utah Certification #: KS000212019-9
Illinois Certification #: 004592
Kansas Field Laboratory Accreditation: # E-92587
Missouri SEKS Micro Certification: 10070

Pace Analytical Services, LLC
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SAMPLE SUMMARY

Project: MCA 108 212C-MD-02175
Pace Project No.: 60370825

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60370825001	**FS-2**	Solid	05/27/21 09:20	06/01/21 08:20
60370825002	**FS-10**	Solid	05/27/21 09:25	06/01/21 08:20
60370825003	**FS-11**	Solid	05/27/21 09:30	06/01/21 08:20
60370825004	**FS-12**	Solid	05/27/21 09:35	06/01/21 08:20
60370825005	**FS-13**	Solid	05/27/21 09:40	06/01/21 08:20
60370825006	**FS-14**	Solid	05/27/21 09:45	06/01/21 08:20
60370825007	**FS-15**	Solid	05/27/21 09:50	06/01/21 08:20

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

SAMPLE ANALYTE COUNT

Project: MCA 108 212C-MD-02175
Pace Project No.: 60370825

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60370825001	**FS-2**	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K
60370825002	**FS-10**	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K
60370825003	**FS-11**	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K
60370825004	**FS-12**	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K
60370825005	**FS-13**	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K
60370825006	**FS-14**	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K
60370825007	**FS-15**	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K

PASI-K = Pace Analytical Services - Kansas City

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: MCA 108 212C-MD-02175
Pace Project No.: 60370825

Sample: FS-2 **Lab ID: 60370825001** Collected: 05/27/21 09:20 Received: 06/01/21 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	10.9	1	06/01/21 16:57	06/02/21 10:36		
TPH-ORO (C28-C35)	ND	mg/kg	10.9	1	06/01/21 16:57	06/02/21 10:36		
Surrogates								
n-Tetracosane (S)	88	%	10-170	1	06/01/21 16:57	06/02/21 10:36	646-31-1	
p-Terphenyl (S)	69	%	65-125	1	06/01/21 16:57	06/02/21 10:36	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	12.1	1	06/01/21 17:00	06/02/21 00:08		
Surrogates								
4-Bromofluorobenzene (S)	89	%	63-121	1	06/01/21 17:00	06/02/21 00:08	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.6	1	06/01/21 14:30	06/01/21 15:44	71-43-2	
Ethylbenzene	ND	ug/kg	5.6	1	06/01/21 14:30	06/01/21 15:44	100-41-4	
Toluene	ND	ug/kg	5.6	1	06/01/21 14:30	06/01/21 15:44	108-88-3	
Xylene (Total)	ND	ug/kg	5.6	1	06/01/21 14:30	06/01/21 15:44	1330-20-7	
Surrogates								
Toluene-d8 (S)	98	%	80-120	1	06/01/21 14:30	06/01/21 15:44	2037-26-5	
4-Bromofluorobenzene (S)	99	%	80-120	1	06/01/21 14:30	06/01/21 15:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	80-120	1	06/01/21 14:30	06/01/21 15:44	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**11.3**	%	0.50	1		06/01/21 16:14		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	117	10	06/02/21 06:20	06/02/21 11:56	16887-00-6	

Sample: FS-10 **Lab ID: 60370825002** Collected: 05/27/21 09:25 Received: 06/01/21 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	**620**	mg/kg	102	10	06/01/21 16:57	06/02/21 11:00		
TPH-ORO (C28-C35)	**187**	mg/kg	102	10	06/01/21 16:57	06/02/21 11:00		
Surrogates								
n-Tetracosane (S)	0	%	31-152	10	06/01/21 16:57	06/02/21 11:00	646-31-1	S4
p-Terphenyl (S)	0	%	46-130	10	06/01/21 16:57	06/02/21 11:00	92-94-4	S4

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
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ANALYTICAL RESULTS

Project: MCA 108 212C-MD-02175
Pace Project No.: 60370825

Sample: FS-10 **Lab ID: 60370825002** Collected: 05/27/21 09:25 Received: 06/01/21 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	10.3	1	06/01/21 17:00	06/02/21 00:28		
Surrogates								
4-Bromofluorobenzene (S)	96	%	63-121	1	06/01/21 17:00	06/02/21 00:28	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.1	1	06/01/21 14:30	06/01/21 17:18	71-43-2	
Ethylbenzene	ND	ug/kg	5.1	1	06/01/21 14:30	06/01/21 17:18	100-41-4	
Toluene	ND	ug/kg	5.1	1	06/01/21 14:30	06/01/21 17:18	108-88-3	
Xylene (Total)	ND	ug/kg	5.1	1	06/01/21 14:30	06/01/21 17:18	1330-20-7	
Surrogates								
Toluene-d8 (S)	112	%	80-120	1	06/01/21 14:30	06/01/21 17:18	2037-26-5	
4-Bromofluorobenzene (S)	102	%	80-120	1	06/01/21 14:30	06/01/21 17:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	80-120	1	06/01/21 14:30	06/01/21 17:18	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**3.2**	%	0.50	1		06/01/21 16:14		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	103	10	06/02/21 06:20	06/02/21 12:12	16887-00-6	

Sample: FS-11 **Lab ID: 60370825003** Collected: 05/27/21 09:30 Received: 06/01/21 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	10.6	1	06/01/21 16:57	06/02/21 11:09		
TPH-ORO (C28-C35)	ND	mg/kg	10.6	1	06/01/21 16:57	06/02/21 11:09		
Surrogates								
n-Tetracosane (S)	89	%	10-170	1	06/01/21 16:57	06/02/21 11:09	646-31-1	
p-Terphenyl (S)	72	%	65-125	1	06/01/21 16:57	06/02/21 11:09	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	11.1	1	06/01/21 17:00	06/02/21 01:28		
Surrogates								
4-Bromofluorobenzene (S)	91	%	63-121	1	06/01/21 17:00	06/02/21 01:28	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
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ANALYTICAL RESULTS

Project: MCA 108 212C-MD-02175
Pace Project No.: 60370825

Sample: FS-11 **Lab ID: 60370825003** Collected: 05/27/21 09:30 Received: 06/01/21 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.3	1	06/01/21 14:30	06/01/21 15:59	71-43-2	
Ethylbenzene	ND	ug/kg	5.3	1	06/01/21 14:30	06/01/21 15:59	100-41-4	
Toluene	ND	ug/kg	5.3	1	06/01/21 14:30	06/01/21 15:59	108-88-3	
Xylene (Total)	ND	ug/kg	5.3	1	06/01/21 14:30	06/01/21 15:59	1330-20-7	
Surrogates								
Toluene-d8 (S)	97	%	80-120	1	06/01/21 14:30	06/01/21 15:59	2037-26-5	
4-Bromofluorobenzene (S)	95	%	80-120	1	06/01/21 14:30	06/01/21 15:59	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	80-120	1	06/01/21 14:30	06/01/21 15:59	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**6.3**	%	0.50	1		06/01/21 16:14		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056							
	Pace Analytical Services - Kansas City							
Chloride	**201**	mg/kg	103	10	06/02/21 06:20	06/02/21 12:29	16887-00-6	

Sample: FS-12 **Lab ID: 60370825004** Collected: 05/27/21 09:35 Received: 06/01/21 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	40.1	1	06/01/21 16:57	06/02/21 11:17		
TPH-ORO (C28-C35)	ND	mg/kg	40.1	1	06/01/21 16:57	06/02/21 11:17		
Surrogates								
n-Tetracosane (S)	89	%	10-170	1	06/01/21 16:57	06/02/21 11:17	646-31-1	
p-Terphenyl (S)	74	%	65-125	1	06/01/21 16:57	06/02/21 11:17	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B							
	Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	15.9	1	06/01/21 17:00	06/02/21 01:47		
Surrogates								
4-Bromofluorobenzene (S)	84	%	63-121	1	06/01/21 17:00	06/02/21 01:47	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	6.7	1	06/01/21 14:30	06/01/21 16:15	71-43-2	
Ethylbenzene	ND	ug/kg	6.7	1	06/01/21 14:30	06/01/21 16:15	100-41-4	
Toluene	ND	ug/kg	6.7	1	06/01/21 14:30	06/01/21 16:15	108-88-3	
Xylene (Total)	ND	ug/kg	6.7	1	06/01/21 14:30	06/01/21 16:15	1330-20-7	
Surrogates								
Toluene-d8 (S)	104	%	80-120	1	06/01/21 14:30	06/01/21 16:15	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: MCA 108 212C-MD-02175
Pace Project No.: 60370825

Sample: FS-12 **Lab ID: 60370825004** Collected: 05/27/21 09:35 Received: 06/01/21 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Surrogates								
4-Bromofluorobenzene (S)	92	%	80-120	1	06/01/21 14:30	06/01/21 16:15	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	80-120	1	06/01/21 14:30	06/01/21 16:15	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**25.5**	%	0.50	1		06/01/21 16:14		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	**283**	mg/kg	138	10	06/02/21 06:20	06/02/21 12:45	16887-00-6	

Sample: FS-13 **Lab ID: 60370825005** Collected: 05/27/21 09:40 Received: 06/01/21 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	10.4	1	06/01/21 16:57	06/02/21 11:25		
TPH-ORO (C28-C35)	ND	mg/kg	10.4	1	06/01/21 16:57	06/02/21 11:25		
Surrogates								
n-Tetracosane (S)	97	%	10-170	1	06/01/21 16:57	06/02/21 11:25	646-31-1	
p-Terphenyl (S)	80	%	65-125	1	06/01/21 16:57	06/02/21 11:25	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	10.6	1	06/01/21 17:00	06/02/21 02:05		
Surrogates								
4-Bromofluorobenzene (S)	87	%	63-121	1	06/01/21 17:00	06/02/21 02:05	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.2	1	06/01/21 14:30	06/01/21 16:30	71-43-2	
Ethylbenzene	ND	ug/kg	5.2	1	06/01/21 14:30	06/01/21 16:30	100-41-4	
Toluene	ND	ug/kg	5.2	1	06/01/21 14:30	06/01/21 16:30	108-88-3	
Xylene (Total)	ND	ug/kg	5.2	1	06/01/21 14:30	06/01/21 16:30	1330-20-7	
Surrogates								
Toluene-d8 (S)	117	%	80-120	1	06/01/21 14:30	06/01/21 16:30	2037-26-5	
4-Bromofluorobenzene (S)	92	%	80-120	1	06/01/21 14:30	06/01/21 16:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	80-120	1	06/01/21 14:30	06/01/21 16:30	2199-69-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
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ANALYTICAL RESULTS

Project: MCA 108 212C-MD-02175
Pace Project No.: 60370825

Sample: FS-13 **Lab ID: 60370825005** Collected: 05/27/21 09:40 Received: 06/01/21 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**4.7**	%	0.50	1		06/01/21 16:14		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	**136**	mg/kg	107	10	06/02/21 06:20	06/02/21 13:01	16887-00-6	

Sample: FS-14 **Lab ID: 60370825006** Collected: 05/27/21 09:45 Received: 06/01/21 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	10.6	1	06/01/21 16:57	06/02/21 11:33		
TPH-ORO (C28-C35)	ND	mg/kg	10.6	1	06/01/21 16:57	06/02/21 11:33		
Surrogates								
n-Tetracosane (S)	89	%	10-170	1	06/01/21 16:57	06/02/21 11:33	646-31-1	
p-Terphenyl (S)	74	%	65-125	1	06/01/21 16:57	06/02/21 11:33	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	10.4	1	06/01/21 17:00	06/02/21 02:24		
Surrogates								
4-Bromofluorobenzene (S)	88	%	63-121	1	06/01/21 17:00	06/02/21 02:24	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.3	1	06/01/21 14:30	06/01/21 16:46	71-43-2	
Ethylbenzene	ND	ug/kg	5.3	1	06/01/21 14:30	06/01/21 16:46	100-41-4	
Toluene	ND	ug/kg	5.3	1	06/01/21 14:30	06/01/21 16:46	108-88-3	
Xylene (Total)	ND	ug/kg	5.3	1	06/01/21 14:30	06/01/21 16:46	1330-20-7	
Surrogates								
Toluene-d8 (S)	96	%	80-120	1	06/01/21 14:30	06/01/21 16:46	2037-26-5	
4-Bromofluorobenzene (S)	89	%	80-120	1	06/01/21 14:30	06/01/21 16:46	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	80-120	1	06/01/21 14:30	06/01/21 16:46	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**6.0**	%	0.50	1		06/01/21 16:14		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	**146**	mg/kg	105	10	06/02/21 06:20	06/02/21 13:18	16887-00-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: MCA 108 212C-MD-02175
Pace Project No.: 60370825

Sample: FS-15 **Lab ID: 60370825007** Collected: 05/27/21 09:50 Received: 06/01/21 08:20 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	10.1	1	06/01/21 16:57	06/02/21 11:41		
TPH-ORO (C28-C35)	ND	mg/kg	10.1	1	06/01/21 16:57	06/02/21 11:41		
Surrogates								
n-Tetracosane (S)	85	%	10-170	1	06/01/21 16:57	06/02/21 11:41	646-31-1	
p-Terphenyl (S)	69	%	65-125	1	06/01/21 16:57	06/02/21 11:41	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	10.6	1	06/01/21 17:00	06/02/21 02:44		
Surrogates								
4-Bromofluorobenzene (S)	91	%	63-121	1	06/01/21 17:00	06/02/21 02:44	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.2	1	06/01/21 14:30	06/01/21 17:02	71-43-2	
Ethylbenzene	ND	ug/kg	5.2	1	06/01/21 14:30	06/01/21 17:02	100-41-4	
Toluene	ND	ug/kg	5.2	1	06/01/21 14:30	06/01/21 17:02	108-88-3	
Xylene (Total)	ND	ug/kg	5.2	1	06/01/21 14:30	06/01/21 17:02	1330-20-7	
Surrogates								
Toluene-d8 (S)	106	%	80-120	1	06/01/21 14:30	06/01/21 17:02	2037-26-5	
4-Bromofluorobenzene (S)	90	%	80-120	1	06/01/21 14:30	06/01/21 17:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	80-120	1	06/01/21 14:30	06/01/21 17:02	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**4.1**	%	0.50	1		06/01/21 16:14		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	**135**	mg/kg	103	10	06/02/21 06:20	06/02/21 13:34	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: MCA 108 212C-MD-02175
Pace Project No.: 60370825

QC Batch: 723659
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8015B
Analysis Description: Gasoline Range Organics
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60370825001, 60370825002, 60370825003, 60370825004, 60370825005, 60370825006, 60370825007

METHOD BLANK: 2909456 Matrix: Solid
Associated Lab Samples: 60370825001, 60370825002, 60370825003, 60370825004, 60370825005, 60370825006, 60370825007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/kg	ND	10.0	06/01/21 21:53	
4-Bromofluorobenzene (S)	%	88	63-121	06/01/21 21:53	

LABORATORY CONTROL SAMPLE: 2909457

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/kg	50	44.5	89	71-107	
4-Bromofluorobenzene (S)	%			91	63-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2909458 2909459

Parameter	Units	60370735003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH-GRO	mg/kg	ND	64	64	60.0	60.4	91	91	29-143	1	26	
4-Bromofluorobenzene (S)	%						88	92	63-121			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: MCA 108 212C-MD-02175
Pace Project No.: 60370825

QC Batch: 723717
QC Batch Method: EPA 5035A/5030
Analysis Method: EPA 8260B
Analysis Description: 8260 MSV 5035A Volatile Organics
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60370825001, 60370825002, 60370825003, 60370825004, 60370825005, 60370825006, 60370825007

METHOD BLANK: 2909569 Matrix: Solid
Associated Lab Samples: 60370825001, 60370825002, 60370825003, 60370825004, 60370825005, 60370825006, 60370825007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/kg	ND	5.0	06/01/21 14:07	
Ethylbenzene	ug/kg	ND	5.0	06/01/21 14:07	
Toluene	ug/kg	ND	5.0	06/01/21 14:07	
Xylene (Total)	ug/kg	ND	5.0	06/01/21 14:07	
1,2-Dichlorobenzene-d4 (S)	%	102	80-120	06/01/21 14:07	
4-Bromofluorobenzene (S)	%	100	85-115	06/01/21 14:07	
Toluene-d8 (S)	%	97	80-120	06/01/21 14:07	

LABORATORY CONTROL SAMPLE: 2909570

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	100	102	102	75-125	
Ethylbenzene	ug/kg	100	102	102	80-130	
Toluene	ug/kg	100	101	101	80-120	
Xylene (Total)	ug/kg	300	300	100	80-125	
1,2-Dichlorobenzene-d4 (S)	%			102	80-120	
4-Bromofluorobenzene (S)	%			97	85-115	
Toluene-d8 (S)	%			100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2909571 2909572

Parameter	Units	60370591001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	ND	121	122	92.6	112	76	91	45-130	19	35	
Ethylbenzene	ug/kg	ND	121	122	88.9	115	73	94	35-140	25	35	
Toluene	ug/kg	ND	121	122	91.0	113	75	93	40-135	22	35	
Xylene (Total)	ug/kg	ND	364	367	265	331	73	90	30-145	22	35	
1,2-Dichlorobenzene-d4 (S)	%						102	99	80-120		3	
4-Bromofluorobenzene (S)	%						101	104	85-115		20	
Toluene-d8 (S)	%						99	102	80-120		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: MCA 108 212C-MD-02175
Pace Project No.: 60370825

QC Batch: 723724
QC Batch Method: EPA 3546
Analysis Method: EPA 8015B
Analysis Description: EPA 8015B
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60370825001, 60370825002, 60370825003, 60370825004, 60370825005, 60370825006, 60370825007

METHOD BLANK: 2909598 Matrix: Solid
Associated Lab Samples: 60370825001, 60370825002, 60370825003, 60370825004, 60370825005, 60370825006, 60370825007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO (C10-C28)	mg/kg	ND	10	06/02/21 10:20	
TPH-ORO (C28-C35)	mg/kg	ND	10	06/02/21 10:20	
n-Tetracosane (S)	%	105	31-152	06/02/21 10:20	
p-Terphenyl (S)	%	119	46-130	06/02/21 10:20	

LABORATORY CONTROL SAMPLE: 2909599

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO (C10-C28)	mg/kg	80.8	69.7	86	74-124	
n-Tetracosane (S)	%			99	31-152	
p-Terphenyl (S)	%			84	46-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2909600 2909601

Parameter	Units	60370825001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH-DRO (C10-C28)	mg/kg	ND	92.2	93.4	77.3	75.3	81	78	30-130	3	35	
n-Tetracosane (S)	%						95	91	31-152			
p-Terphenyl (S)	%						77	76	46-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: MCA 108 212C-MD-02175
Pace Project No.: 60370825

QC Batch: 723754 | Analysis Method: ASTM D2974
QC Batch Method: ASTM D2974 | Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60370825001, 60370825002, 60370825003, 60370825004, 60370825005, 60370825006, 60370825007

METHOD BLANK: 2909656 Matrix: Solid
Associated Lab Samples: 60370825001, 60370825002, 60370825003, 60370825004, 60370825005, 60370825006, 60370825007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	06/01/21 16:13	

SAMPLE DUPLICATE: 2909657

Parameter	Units	60370786002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.3	18.3	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: MCA 108 212C-MD-02175
Pace Project No.: 60370825

QC Batch: 723811
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60370825001, 60370825002, 60370825003, 60370825004, 60370825005, 60370825006, 60370825007

METHOD BLANK: 2909762 Matrix: Solid
Associated Lab Samples: 60370825001, 60370825002, 60370825003, 60370825004, 60370825005, 60370825006, 60370825007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/kg	ND	100	06/02/21 07:59	

LABORATORY CONTROL SAMPLE: 2909763

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/kg	500	485	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2909764 2909765

Parameter	Units	60370315001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/kg	ND	605	605	863	880	130	133	80-120	2	15	M1

SAMPLE DUPLICATE: 2909766

Parameter	Units	60370315002 Result	Dup Result	RPD	Max RPD	Qualifiers
Chloride	mg/kg	ND	132J		15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALIFIERS

Project: MCA 108 212C-MD-02175
Pace Project No.: 60370825

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.

Pace Analytical Services, LLC
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(913)599-5665

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MCA 108 212C-MD-02175
Pace Project No.: 60370825

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60370825001	FS-2	EPA 3546	723724	EPA 8015B	723894
60370825002	FS-10	EPA 3546	723724	EPA 8015B	723894
60370825003	FS-11	EPA 3546	723724	EPA 8015B	723894
60370825004	FS-12	EPA 3546	723724	EPA 8015B	723894
60370825005	FS-13	EPA 3546	723724	EPA 8015B	723894
60370825006	FS-14	EPA 3546	723724	EPA 8015B	723894
60370825007	FS-15	EPA 3546	723724	EPA 8015B	723894
60370825001	FS-2	EPA 5035A/5030B	723659	EPA 8015B	723813
60370825002	FS-10	EPA 5035A/5030B	723659	EPA 8015B	723813
60370825003	FS-11	EPA 5035A/5030B	723659	EPA 8015B	723813
60370825004	FS-12	EPA 5035A/5030B	723659	EPA 8015B	723813
60370825005	FS-13	EPA 5035A/5030B	723659	EPA 8015B	723813
60370825006	FS-14	EPA 5035A/5030B	723659	EPA 8015B	723813
60370825007	FS-15	EPA 5035A/5030B	723659	EPA 8015B	723813
60370825001	FS-2	EPA 5035A/5030	723717	EPA 8260B	723735
60370825002	FS-10	EPA 5035A/5030	723717	EPA 8260B	723735
60370825003	FS-11	EPA 5035A/5030	723717	EPA 8260B	723735
60370825004	FS-12	EPA 5035A/5030	723717	EPA 8260B	723735
60370825005	FS-13	EPA 5035A/5030	723717	EPA 8260B	723735
60370825006	FS-14	EPA 5035A/5030	723717	EPA 8260B	723735
60370825007	FS-15	EPA 5035A/5030	723717	EPA 8260B	723735
60370825001	FS-2	ASTM D2974	723754		
60370825002	FS-10	ASTM D2974	723754		
60370825003	FS-11	ASTM D2974	723754		
60370825004	FS-12	ASTM D2974	723754		
60370825005	FS-13	ASTM D2974	723754		
60370825006	FS-14	ASTM D2974	723754		
60370825007	FS-15	ASTM D2974	723754		
60370825001	FS-2	EPA 9056	723811	EPA 9056	723989
60370825002	FS-10	EPA 9056	723811	EPA 9056	723989
60370825003	FS-11	EPA 9056	723811	EPA 9056	723989
60370825004	FS-12	EPA 9056	723811	EPA 9056	723989
60370825005	FS-13	EPA 9056	723811	EPA 9056	723989
60370825006	FS-14	EPA 9056	723811	EPA 9056	723989
60370825007	FS-15	EPA 9056	723811	EPA 9056	723989

Pace Analytical www.pacelabs.com

Sample Condition Upon Receipt

WO#: 60370825

60370825

Client Name: Tetra Tech, Inc.

Courier: FedEx ☑ UPS ☐ VIA ☐ Clay ☐ PEX ☐ ECI ☐ Pace ☐ Xroads ☐ Client ☐ Other ☐

Tracking #: 8155 8629 9370 Pace Shipping Label Used? Yes ☐ No ☑

Custody Seal on Cooler/Box Present: Yes ☑ No ☐ Seals intact: Yes ☑ No ☐

Packing Material: Bubble Wrap ☐ Bubble Bags ☑ Foam ☐ None ☐ Other ☐ Blue

Thermometer Used: T-298 **Type of Ice:** (Wet) Blue None

Cooler Temperature (°C): **As-read** 4.2 **Corr. Factor** 0.0 **Corrected** 4.2 °C

Date and initials of person examining contents: 6.1.21 KD

Temperature should be above freezing to 6°C

Chain of Custody present:	☑Yes ☐No ☐N/A	
Chain of Custody relinquished:	☑Yes ☐No ☐N/A	
Samples arrived within holding time:	☑Yes ☐No ☐N/A	
Short Hold Time analyses (<72hr):	☐Yes ☑No ☐N/A	
Rush Turn Around Time requested:	☑Yes ☐No ☐N/A	24 hr TAT
Sufficient volume:	☑Yes ☐No ☐N/A	
Correct containers used:	☑Yes ☐No ☐N/A	
Pace containers used:	☑Yes ☐No ☐N/A	
Containers intact:	☑Yes ☐No ☐N/A	
Unpreserved 5035A / TX1005/1006 soils frozen in 48hrs?	☐Yes ☐No ☑N/A	
Filtered volume received for dissolved tests?	☐Yes ☐No ☑N/A	
Sample labels match COC: Date / time / ID / analyses	☑Yes ☐No ☐N/A	
Samples contain multiple phases? Matrix: SL	☐Yes ☑No ☐N/A	
Containers requiring pH preservation in compliance? (HNO_3, H_2SO_4, HCl<2; NaOH>9 Sulfide, NaOH>10 Cyanide) (Exceptions: VOA, Micro, O&G, KS TPH, OK-DRO) LOT#	☐Yes ☐No ☑N/A	List sample IDs, volumes, lot #'s of preservative and the date/time added.
Cyanide water sample checks: Lead acetate strip turns dark? (Record only)	☐Yes ☐No	
Potassium iodide test strip turns blue/purple? (Preserve)	☐Yes ☐No	
Trip Blank present:	☐Yes ☐No ☑N/A	
Headspace in VOA vials (>6mm):	☐Yes ☐No ☑N/A	
Samples from USDA Regulated Area: State: NM	☐Yes ☑No ☐N/A	Lea County
Additional labels attached to 5035A / TX1005 vials in the field?	☐Yes ☐No ☑N/A	

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: Jeffrey Shopper Date: _____

F-KS-C-003-Rev.11, February 28, 2018

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

6037030825

Client Name:	Conoco Phillips	**Site Manager:**	Sam Abbott
Project Name:	MCA 108	**Contact Info:**	Email: sam.abbott@tetratech.com Phone: (512) 739-7874
Project Location: (county, state)	Lea County, New Mexico	**Project #:**	212C-MD-02175
Invoice to:	Accounts Payable 901 West Wall Street, Suite 100 Midland, Texas 79701		
Receiving Laboratory:	Pace Analytical	**Sampler Signature:**	John Thurston

Comments: COPTETRA Acctnum

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	MATRIX:	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: NONE	PRESERVATIVE METHOD:	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R		HOLD
	FS-2	5/27/2021	9:20		X				X			1	N	X		X												X						
	FS-10	5/27/2021	9:25		X				X			1	N	X		X												X						
	FS-11	5/27/2021	9:30		X				X			1	N	X		X												X						
	FS-12	5/27/2021	9:35		X				X			1	N	X		X												X						
	FS-13	5/27/2021	9:40		X				X			1	N	X		X												X						
	FS-14	5/27/2021	9:45		X				X			1	N	X		X												X						
	FS-15	5/27/2021	9:50		X				X			1	N	X		X												X						

Relinquished by:	Date: 5/28/21	Time: 1500	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Received by: Date: 6/1/21 Time: 0820

LAB USE ONLY

Sample Temperature 4.2

REMARKS:

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

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

ORIGINAL COPY

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

June 04, 2021

Sam Abbott
Tetra Tech, Inc
8911 N Capital of Texas Hwy
#2310
Austin, TX 78759

RE: Project: MCA 108
Pace Project No.: 60371067

Dear Sam Abbott:

Enclosed are the analytical results for sample(s) received by the laboratory on June 03, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Kansas City

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Nolie Wood
nolie.wood@pacelabs.com
1(913)563-1401
Project Manager

Enclosures

cc: John Thurston, Tetra Tech-Houston TX

Pace Analytical Services, LLC
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CERTIFICATIONS

Project: MCA 108
Pace Project No.: 60371067

Pace Analytical Services Kansas
9608 Loiret Boulevard, Lenexa, KS 66219
Missouri Inorganic Drinking Water Certification #: 10090
Arkansas Drinking Water
Arkansas Certification #: 20-020-0
Arkansas Drinking Water
Illinois Certification #: 200030
Iowa Certification #: 118
Kansas/NELAP Certification #: E-10116
Louisiana Certification #: 03055
Nevada Certification #: KS000212020-2
Oklahoma Certification #: 9205/9935
Florida: Cert E871149 SEKS WET
Texas Certification #: T104704407-19-12
Utah Certification #: KS000212019-9
Illinois Certification #: 004592
Kansas Field Laboratory Accreditation: # E-92587
Missouri SEKS Micro Certification: 10070

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SAMPLE SUMMARY

Project: MCA 108
Pace Project No.: 60371067

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60371067001	**NSW-3**	Solid	06/02/21 09:20	06/03/21 08:30
60371067002	**NSW-4**	Solid	06/02/21 09:25	06/03/21 08:30
60371067003	**NSW-5**	Solid	06/02/21 09:30	06/03/21 08:30
60371067004	**SSW-3**	Solid	06/02/21 09:35	06/03/21 08:30
60371067005	**SSW-4**	Solid	06/02/21 09:40	06/03/21 08:30
60371067006	**SSW-5**	Solid	06/02/21 09:45	06/03/21 08:30
60371067007	**FS-6**	Solid	06/02/21 09:50	06/03/21 08:30
60371067008	**FS-7**	Solid	06/02/21 09:55	06/03/21 08:30
60371067009	**FS-8**	Solid	06/02/21 10:00	06/03/21 08:30
60371067010	**ESW-4 (15')**	Solid	06/02/21 10:05	06/03/21 08:30

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SAMPLE ANALYTE COUNT

Project: MCA 108
Pace Project No.: 60371067

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60371067001	NSW-3	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K
60371067002	NSW-4	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K
60371067003	NSW-5	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K
60371067004	SSW-3	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K
60371067005	SSW-4	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K
60371067006	SSW-5	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K
60371067007	FS-6	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K
60371067008	FS-7	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: MCA 108
Pace Project No.: 60371067

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K
60371067009	**FS-8**	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K
60371067010	**ESW-4 (15')**	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K

PASI-K = Pace Analytical Services - Kansas City

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60371067

Sample: NSW-3 **Lab ID: 60371067001** Collected: 06/02/21 09:20 Received: 06/03/21 08:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	14.4	1	06/03/21 13:36	06/04/21 01:46		
TPH-ORO (C28-C35)	ND	mg/kg	14.4	1	06/03/21 13:36	06/04/21 01:46		
Surrogates								
n-Tetracosane (S)	78	%	31-152	1	06/03/21 13:36	06/04/21 01:46	646-31-1	
p-Terphenyl (S)	85	%	46-130	1	06/03/21 13:36	06/04/21 01:46	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	9.8	1	06/03/21 09:10	06/03/21 15:01		
Surrogates								
4-Bromofluorobenzene (S)	92	%	63-121	1	06/03/21 09:10	06/03/21 15:01	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.0	1	06/03/21 14:02	06/03/21 20:11	71-43-2	
Ethylbenzene	ND	ug/kg	5.0	1	06/03/21 14:02	06/03/21 20:11	100-41-4	
Toluene	ND	ug/kg	5.0	1	06/03/21 14:02	06/03/21 20:11	108-88-3	
Xylene (Total)	ND	ug/kg	5.0	1	06/03/21 14:02	06/03/21 20:11	1330-20-7	
Surrogates								
Toluene-d8 (S)	98	%	80-120	1	06/03/21 14:02	06/03/21 20:11	2037-26-5	
4-Bromofluorobenzene (S)	105	%	80-120	1	06/03/21 14:02	06/03/21 20:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	80-120	1	06/03/21 14:02	06/03/21 20:11	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**2.8**	%	0.50	1		06/03/21 11:48		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	103	10	06/03/21 14:00	06/03/21 21:03	16887-00-6	

Sample: NSW-4 **Lab ID: 60371067002** Collected: 06/02/21 09:25 Received: 06/03/21 08:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	9.8	1	06/03/21 13:36	06/04/21 02:10		
TPH-ORO (C28-C35)	ND	mg/kg	9.8	1	06/03/21 13:36	06/04/21 02:10		
Surrogates								
n-Tetracosane (S)	65	%	31-152	1	06/03/21 13:36	06/04/21 02:10	646-31-1	
p-Terphenyl (S)	83	%	46-130	1	06/03/21 13:36	06/04/21 02:10	92-94-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60371067

Sample: NSW-4 **Lab ID: 60371067002** Collected: 06/02/21 09:25 Received: 06/03/21 08:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	9.6	1	06/03/21 09:10	06/03/21 15:22		
Surrogates								
4-Bromofluorobenzene (S)	90	%	63-121	1	06/03/21 09:10	06/03/21 15:22	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	4.9	1	06/04/21 07:58	06/04/21 09:15	71-43-2	
Ethylbenzene	ND	ug/kg	4.9	1	06/04/21 07:58	06/04/21 09:15	100-41-4	
Toluene	ND	ug/kg	4.9	1	06/04/21 07:58	06/04/21 09:15	108-88-3	
Xylene (Total)	ND	ug/kg	4.9	1	06/04/21 07:58	06/04/21 09:15	1330-20-7	
Surrogates								
Toluene-d8 (S)	97	%	80-120	1	06/04/21 07:58	06/04/21 09:15	2037-26-5	
4-Bromofluorobenzene (S)	108	%	80-120	1	06/04/21 07:58	06/04/21 09:15	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	80-120	1	06/04/21 07:58	06/04/21 09:15	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	ND	%	0.50	1		06/03/21 11:48		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	103	10	06/03/21 14:00	06/03/21 21:39	16887-00-6	

Sample: NSW-5 **Lab ID: 60371067003** Collected: 06/02/21 09:30 Received: 06/03/21 08:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	9.9	1	06/03/21 13:36	06/04/21 02:18		
TPH-ORO (C28-C35)	ND	mg/kg	9.9	1	06/03/21 13:36	06/04/21 02:18		
Surrogates								
n-Tetracosane (S)	69	%	31-152	1	06/03/21 13:36	06/04/21 02:18	646-31-1	
p-Terphenyl (S)	84	%	46-130	1	06/03/21 13:36	06/04/21 02:18	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	10	1	06/03/21 09:10	06/03/21 15:44		
Surrogates								
4-Bromofluorobenzene (S)	92	%	63-121	1	06/03/21 09:10	06/03/21 15:44	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60371067

Sample: NSW-5 **Lab ID: 60371067003** Collected: 06/02/21 09:30 Received: 06/03/21 08:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.0	1	06/04/21 07:58	06/04/21 10:03	71-43-2	
Ethylbenzene	ND	ug/kg	5.0	1	06/04/21 07:58	06/04/21 10:03	100-41-4	
Toluene	ND	ug/kg	5.0	1	06/04/21 07:58	06/04/21 10:03	108-88-3	
Xylene (Total)	ND	ug/kg	5.0	1	06/04/21 07:58	06/04/21 10:03	1330-20-7	
Surrogates								
Toluene-d8 (S)	97	%	80-120	1	06/04/21 07:58	06/04/21 10:03	2037-26-5	
4-Bromofluorobenzene (S)	105	%	80-120	1	06/04/21 07:58	06/04/21 10:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	80-120	1	06/04/21 07:58	06/04/21 10:03	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**0.64**	%	0.50	1		06/03/21 11:48		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	100	10	06/03/21 14:00	06/03/21 22:03	16887-00-6	

Sample: SSW-3 **Lab ID: 60371067004** Collected: 06/02/21 09:35 Received: 06/03/21 08:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	10.3	1	06/03/21 13:36	06/04/21 02:26		
TPH-ORO (C28-C35)	ND	mg/kg	10.3	1	06/03/21 13:36	06/04/21 02:26		
Surrogates								
n-Tetracosane (S)	70	%	31-152	1	06/03/21 13:36	06/04/21 02:26	646-31-1	
p-Terphenyl (S)	84	%	46-130	1	06/03/21 13:36	06/04/21 02:26	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	10.2	1	06/03/21 09:10	06/03/21 16:06		
Surrogates								
4-Bromofluorobenzene (S)	89	%	63-121	1	06/03/21 09:10	06/03/21 16:06	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.0	1	06/04/21 07:58	06/04/21 10:18	71-43-2	
Ethylbenzene	ND	ug/kg	5.0	1	06/04/21 07:58	06/04/21 10:18	100-41-4	
Toluene	ND	ug/kg	5.0	1	06/04/21 07:58	06/04/21 10:18	108-88-3	
Xylene (Total)	ND	ug/kg	5.0	1	06/04/21 07:58	06/04/21 10:18	1330-20-7	
Surrogates								
Toluene-d8 (S)	97	%	80-120	1	06/04/21 07:58	06/04/21 10:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60371067

Sample: SSW-3 **Lab ID: 60371067004** Collected: 06/02/21 09:35 Received: 06/03/21 08:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Surrogates								
4-Bromofluorobenzene (S)	105	%	80-120	1	06/04/21 07:58	06/04/21 10:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	80-120	1	06/04/21 07:58	06/04/21 10:18	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**2.5**	%	0.50	1		06/03/21 11:48		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	104	10	06/03/21 14:00	06/03/21 22:15	16887-00-6	

Sample: SSW-4 **Lab ID: 60371067005** Collected: 06/02/21 09:40 Received: 06/03/21 08:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	10.0	1	06/03/21 13:36	06/04/21 02:34		
TPH-ORO (C28-C35)	ND	mg/kg	10.0	1	06/03/21 13:36	06/04/21 02:34		
Surrogates								
n-Tetracosane (S)	64	%	31-152	1	06/03/21 13:36	06/04/21 02:34	646-31-1	
p-Terphenyl (S)	80	%	46-130	1	06/03/21 13:36	06/04/21 02:34	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	9.9	1	06/03/21 09:10	06/03/21 16:26		
Surrogates								
4-Bromofluorobenzene (S)	92	%	63-121	1	06/03/21 09:10	06/03/21 16:26	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.1	1	06/04/21 07:58	06/04/21 10:34	71-43-2	
Ethylbenzene	ND	ug/kg	5.1	1	06/04/21 07:58	06/04/21 10:34	100-41-4	
Toluene	ND	ug/kg	5.1	1	06/04/21 07:58	06/04/21 10:34	108-88-3	
Xylene (Total)	ND	ug/kg	5.1	1	06/04/21 07:58	06/04/21 10:34	1330-20-7	
Surrogates								
Toluene-d8 (S)	96	%	80-120	1	06/04/21 07:58	06/04/21 10:34	2037-26-5	
4-Bromofluorobenzene (S)	104	%	80-120	1	06/04/21 07:58	06/04/21 10:34	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	80-120	1	06/04/21 07:58	06/04/21 10:34	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60371067

Sample: SSW-4 **Lab ID: 60371067005** Collected: 06/02/21 09:40 Received: 06/03/21 08:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**2.7**	%	0.50	1		06/03/21 11:48		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	101	10	06/03/21 14:00	06/03/21 22:27	16887-00-6	

Sample: SSW-5 **Lab ID: 60371067006** Collected: 06/02/21 09:45 Received: 06/03/21 08:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	10.1	1	06/03/21 13:36	06/04/21 02:42		
TPH-ORO (C28-C35)	ND	mg/kg	10.1	1	06/03/21 13:36	06/04/21 02:42		
Surrogates								
n-Tetracosane (S)	65	%	31-152	1	06/03/21 13:36	06/04/21 02:42	646-31-1	
p-Terphenyl (S)	77	%	46-130	1	06/03/21 13:36	06/04/21 02:42	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	10.2	1	06/03/21 09:10	06/03/21 16:45		
Surrogates								
4-Bromofluorobenzene (S)	94	%	63-121	1	06/03/21 09:10	06/03/21 16:45	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.1	1	06/04/21 07:58	06/04/21 10:50	71-43-2	
Ethylbenzene	ND	ug/kg	5.1	1	06/04/21 07:58	06/04/21 10:50	100-41-4	
Toluene	ND	ug/kg	5.1	1	06/04/21 07:58	06/04/21 10:50	108-88-3	
Xylene (Total)	ND	ug/kg	5.1	1	06/04/21 07:58	06/04/21 10:50	1330-20-7	
Surrogates								
Toluene-d8 (S)	97	%	80-120	1	06/04/21 07:58	06/04/21 10:50	2037-26-5	
4-Bromofluorobenzene (S)	104	%	80-120	1	06/04/21 07:58	06/04/21 10:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	80-120	1	06/04/21 07:58	06/04/21 10:50	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**2.7**	%	0.50	1		06/03/21 11:48		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	98.3	10	06/03/21 14:00	06/03/21 22:40	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60371067

Sample: FS-6 **Lab ID: 60371067007** Collected: 06/02/21 09:50 Received: 06/03/21 08:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	10.7	1	06/03/21 13:36	06/04/21 02:50		
TPH-ORO (C28-C35)	ND	mg/kg	10.7	1	06/03/21 13:36	06/04/21 02:50		
Surrogates								
n-Tetracosane (S)	80	%	31-152	1	06/03/21 13:36	06/04/21 02:50	646-31-1	
p-Terphenyl (S)	81	%	46-130	1	06/03/21 13:36	06/04/21 02:50	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	11.7	1	06/03/21 09:10	06/03/21 17:06		
Surrogates								
4-Bromofluorobenzene (S)	89	%	63-121	1	06/03/21 09:10	06/03/21 17:06	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.4	1	06/04/21 07:58	06/04/21 11:06	71-43-2	
Ethylbenzene	ND	ug/kg	5.4	1	06/04/21 07:58	06/04/21 11:06	100-41-4	
Toluene	ND	ug/kg	5.4	1	06/04/21 07:58	06/04/21 11:06	108-88-3	
Xylene (Total)	ND	ug/kg	5.4	1	06/04/21 07:58	06/04/21 11:06	1330-20-7	
Surrogates								
Toluene-d8 (S)	98	%	80-120	1	06/04/21 07:58	06/04/21 11:06	2037-26-5	
4-Bromofluorobenzene (S)	106	%	80-120	1	06/04/21 07:58	06/04/21 11:06	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	80-120	1	06/04/21 07:58	06/04/21 11:06	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**8.0**	%	0.50	1		06/03/21 11:48		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	**188**	mg/kg	109	10	06/03/21 14:00	06/03/21 22:52	16887-00-6	

Sample: FS-7 **Lab ID: 60371067008** Collected: 06/02/21 09:55 Received: 06/03/21 08:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	10.6	1	06/03/21 13:36	06/04/21 02:58		
TPH-ORO (C28-C35)	ND	mg/kg	10.6	1	06/03/21 13:36	06/04/21 02:58		
Surrogates								
n-Tetracosane (S)	62	%	31-152	1	06/03/21 13:36	06/04/21 02:58	646-31-1	
p-Terphenyl (S)	75	%	46-130	1	06/03/21 13:36	06/04/21 02:58	92-94-4	

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60371067

Sample: FS-7 **Lab ID: 60371067008** Collected: 06/02/21 09:55 Received: 06/03/21 08:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	10.9	1	06/03/21 09:10	06/03/21 17:26		
Surrogates								
4-Bromofluorobenzene (S)	89	%	63-121	1	06/03/21 09:10	06/03/21 17:26	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.5	1	06/04/21 07:58	06/04/21 11:21	71-43-2	
Ethylbenzene	ND	ug/kg	5.5	1	06/04/21 07:58	06/04/21 11:21	100-41-4	
Toluene	ND	ug/kg	5.5	1	06/04/21 07:58	06/04/21 11:21	108-88-3	
Xylene (Total)	ND	ug/kg	5.5	1	06/04/21 07:58	06/04/21 11:21	1330-20-7	
Surrogates								
Toluene-d8 (S)	98	%	80-120	1	06/04/21 07:58	06/04/21 11:21	2037-26-5	
4-Bromofluorobenzene (S)	106	%	80-120	1	06/04/21 07:58	06/04/21 11:21	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	80-120	1	06/04/21 07:58	06/04/21 11:21	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**8.7**	%	0.50	1		06/03/21 11:48		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	**269**	mg/kg	112	10	06/03/21 14:00	06/03/21 23:28	16887-00-6	

Sample: FS-8 **Lab ID: 60371067009** Collected: 06/02/21 10:00 Received: 06/03/21 08:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	10.3	1	06/03/21 13:36	06/04/21 03:06		
TPH-ORO (C28-C35)	ND	mg/kg	10.3	1	06/03/21 13:36	06/04/21 03:06		
Surrogates								
n-Tetracosane (S)	73	%	31-152	1	06/03/21 13:36	06/04/21 03:06	646-31-1	
p-Terphenyl (S)	89	%	46-130	1	06/03/21 13:36	06/04/21 03:06	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	11.3	1	06/03/21 09:10	06/03/21 17:48		
Surrogates								
4-Bromofluorobenzene (S)	91	%	63-121	1	06/03/21 09:10	06/03/21 17:48	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60371067

Sample: FS-8 **Lab ID: 60371067009** Collected: 06/02/21 10:00 Received: 06/03/21 08:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.3	1	06/04/21 07:58	06/04/21 11:37	71-43-2	
Ethylbenzene	ND	ug/kg	5.3	1	06/04/21 07:58	06/04/21 11:37	100-41-4	
Toluene	ND	ug/kg	5.3	1	06/04/21 07:58	06/04/21 11:37	108-88-3	
Xylene (Total)	ND	ug/kg	5.3	1	06/04/21 07:58	06/04/21 11:37	1330-20-7	
Surrogates								
Toluene-d8 (S)	97	%	80-120	1	06/04/21 07:58	06/04/21 11:37	2037-26-5	
4-Bromofluorobenzene (S)	105	%	80-120	1	06/04/21 07:58	06/04/21 11:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	80-120	1	06/04/21 07:58	06/04/21 11:37	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**7.0**	%	0.50	1		06/03/21 11:48		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	**235**	mg/kg	106	10	06/03/21 14:00	06/03/21 23:40	16887-00-6	

Sample: ESW-4 (15') **Lab ID: 60371067010** Collected: 06/02/21 10:05 Received: 06/03/21 08:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	9.8	1	06/03/21 13:36	06/04/21 03:15		
TPH-ORO (C28-C35)	ND	mg/kg	9.8	1	06/03/21 13:36	06/04/21 03:15		
Surrogates								
n-Tetracosane (S)	94	%	31-152	1	06/03/21 13:36	06/04/21 03:15	646-31-1	
p-Terphenyl (S)	83	%	46-130	1	06/03/21 13:36	06/04/21 03:15	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	9.6	1	06/03/21 09:10	06/03/21 18:09		
Surrogates								
4-Bromofluorobenzene (S)	88	%	63-121	1	06/03/21 09:10	06/03/21 18:09	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.0	1	06/04/21 07:58	06/04/21 11:53	71-43-2	
Ethylbenzene	ND	ug/kg	5.0	1	06/04/21 07:58	06/04/21 11:53	100-41-4	
Toluene	ND	ug/kg	5.0	1	06/04/21 07:58	06/04/21 11:53	108-88-3	
Xylene (Total)	ND	ug/kg	5.0	1	06/04/21 07:58	06/04/21 11:53	1330-20-7	
Surrogates								
Toluene-d8 (S)	97	%	80-120	1	06/04/21 07:58	06/04/21 11:53	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60371067

Sample: ESW-4 (15') **Lab ID: 60371067010** Collected: 06/02/21 10:05 Received: 06/03/21 08:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Surrogates								
4-Bromofluorobenzene (S)	107	%	80-120	1	06/04/21 07:58	06/04/21 11:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	80-120	1	06/04/21 07:58	06/04/21 11:53	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**0.84**	%	0.50	1		06/03/21 11:48		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	96.8	10	06/03/21 14:00	06/03/21 23:52	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: MCA 108
Pace Project No.: 60371067

QC Batch: 724118
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8015B
Analysis Description: Gasoline Range Organics
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60371067001, 60371067002, 60371067003, 60371067004, 60371067005, 60371067006, 60371067007, 60371067008, 60371067009, 60371067010

METHOD BLANK: 2910899 Matrix: Solid
Associated Lab Samples: 60371067001, 60371067002, 60371067003, 60371067004, 60371067005, 60371067006, 60371067007, 60371067008, 60371067009, 60371067010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/kg	ND	10.0	06/03/21 12:41	
4-Bromofluorobenzene (S)	%	86	63-121	06/03/21 12:41	

LABORATORY CONTROL SAMPLE: 2910900

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/kg	50	42.8	86	71-107	
4-Bromofluorobenzene (S)	%			92	63-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2910901 2910902

Parameter	Units	60370914002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH-GRO	mg/kg	ND	54.2	53.8	45.6	46.2	83	84	29-143	1	26	
4-Bromofluorobenzene (S)	%						91	90	63-121			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: MCA 108
Pace Project No.: 60371067

QC Batch: 724219
QC Batch Method: EPA 5035A/5030
Analysis Method: EPA 8260B
Analysis Description: 8260 MSV 5035A Volatile Organics
Laboratory: Pace Analytical Services - Kansas City

Associated Lab Samples: 60371067001

METHOD BLANK: 2911280 Matrix: Solid
Associated Lab Samples: 60371067001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/kg	ND	5.0	06/03/21 19:56	
Ethylbenzene	ug/kg	ND	5.0	06/03/21 19:56	
Toluene	ug/kg	ND	5.0	06/03/21 19:56	
Xylene (Total)	ug/kg	ND	5.0	06/03/21 19:56	
1,2-Dichlorobenzene-d4 (S)	%	102	80-120	06/03/21 19:56	
4-Bromofluorobenzene (S)	%	105	85-115	06/03/21 19:56	
Toluene-d8 (S)	%	98	80-120	06/03/21 19:56	

LABORATORY CONTROL SAMPLE: 2911281

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	100	87.2	87	75-125	
Ethylbenzene	ug/kg	100	84.0	84	80-130	
Toluene	ug/kg	100	84.4	84	80-120	
Xylene (Total)	ug/kg	300	256	85	80-125	
1,2-Dichlorobenzene-d4 (S)	%			102	80-120	
4-Bromofluorobenzene (S)	%			104	85-115	
Toluene-d8 (S)	%			97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2911282 2911283

Parameter	Units	60371067001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	ND	103	101	76.7	79.9	75	79	45-130	4	35	
Ethylbenzene	ug/kg	ND	103	101	73.5	77.4	71	77	35-140	5	35	
Toluene	ug/kg	ND	103	101	74.9	79.1	73	78	40-135	5	35	
Xylene (Total)	ug/kg	ND	309	302	220	234	71	77	30-145	6	35	
1,2-Dichlorobenzene-d4 (S)	%						101	101	80-120		3	
4-Bromofluorobenzene (S)	%						104	102	85-115		20	
Toluene-d8 (S)	%						99	98	80-120		20	

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QUALITY CONTROL DATA

Project: MCA 108
Pace Project No.: 60371067

QC Batch: 724368
QC Batch Method: EPA 5035A/5030
Analysis Method: EPA 8260B
Analysis Description: 8260 MSV 5035A Volatile Organics
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60371067002, 60371067003, 60371067004, 60371067005, 60371067006, 60371067007, 60371067008, 60371067009, 60371067010

METHOD BLANK: 2911790 Matrix: Solid
Associated Lab Samples: 60371067002, 60371067003, 60371067004, 60371067005, 60371067006, 60371067007, 60371067008, 60371067009, 60371067010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/kg	ND	5.0	06/04/21 09:00	
Ethylbenzene	ug/kg	ND	5.0	06/04/21 09:00	
Toluene	ug/kg	ND	5.0	06/04/21 09:00	
Xylene (Total)	ug/kg	ND	5.0	06/04/21 09:00	
1,2-Dichlorobenzene-d4 (S)	%	103	80-120	06/04/21 09:00	
4-Bromofluorobenzene (S)	%	106	85-115	06/04/21 09:00	
Toluene-d8 (S)	%	99	80-120	06/04/21 09:00	

LABORATORY CONTROL SAMPLE: 2911791

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	100	95.2	95	75-125	
Ethylbenzene	ug/kg	100	93.7	94	80-130	
Toluene	ug/kg	100	95.6	96	80-120	
Xylene (Total)	ug/kg	300	284	95	80-125	
1,2-Dichlorobenzene-d4 (S)	%			101	80-120	
4-Bromofluorobenzene (S)	%			101	85-115	
Toluene-d8 (S)	%			98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2911792 2911793

Parameter	Units	60371067002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	ND	99.2	100	79.6	82.6	80	83	45-130	4	35	
Ethylbenzene	ug/kg	ND	99.2	100	78.0	81.3	79	81	35-140	4	35	
Toluene	ug/kg	ND	99.2	100	77.7	80.0	78	80	40-135	3	35	
Xylene (Total)	ug/kg	ND	297	300	235	243	79	81	30-145	4	35	
1,2-Dichlorobenzene-d4 (S)	%						104	104	80-120		3	
4-Bromofluorobenzene (S)	%						101	104	85-115		20	
Toluene-d8 (S)	%						97	97	80-120		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: MCA 108
Pace Project No.: 60371067

QC Batch: 724203
QC Batch Method: EPA 3546
Analysis Method: EPA 8015B
Analysis Description: EPA 8015B
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60371067001, 60371067002, 60371067003, 60371067004, 60371067005, 60371067006, 60371067007, 60371067008, 60371067009, 60371067010

METHOD BLANK: 2911223 Matrix: Solid
Associated Lab Samples: 60371067001, 60371067002, 60371067003, 60371067004, 60371067005, 60371067006, 60371067007, 60371067008, 60371067009, 60371067010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO (C10-C28)	mg/kg	ND	9.5	06/04/21 01:29	
TPH-ORO (C28-C35)	mg/kg	ND	9.5	06/04/21 01:29	
n-Tetracosane (S)	%	79	31-152	06/04/21 01:29	
p-Terphenyl (S)	%	88	46-130	06/04/21 01:29	

LABORATORY CONTROL SAMPLE: 2911224

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO (C10-C28)	mg/kg	81.3	68.4	84	74-124	
n-Tetracosane (S)	%			76	31-152	
p-Terphenyl (S)	%			91	46-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2911225 2911226

Parameter	Units	60371067001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH-DRO (C10-C28)	mg/kg	ND	129	122	113	108	86	86	30-130	4	35	
n-Tetracosane (S)	%						72	78	31-152			
p-Terphenyl (S)	%						92	91	46-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: MCA 108
Pace Project No.: 60371067

QC Batch: 724204 Analysis Method: ASTM D2974
QC Batch Method: ASTM D2974 Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60371067001, 60371067002, 60371067003, 60371067004, 60371067005, 60371067006, 60371067007, 60371067008, 60371067009, 60371067010

METHOD BLANK: 2911227 Matrix: Solid
Associated Lab Samples: 60371067001, 60371067002, 60371067003, 60371067004, 60371067005, 60371067006, 60371067007, 60371067008, 60371067009, 60371067010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	06/03/21 11:47	

SAMPLE DUPLICATE: 2911228

Parameter	Units	60371067001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	2.8	2.7	4	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: MCA 108
Pace Project No.: 60371067

QC Batch: 724212
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60371067001, 60371067002, 60371067003, 60371067004, 60371067005, 60371067006, 60371067007, 60371067008, 60371067009, 60371067010

METHOD BLANK: 2911253 Matrix: Solid
Associated Lab Samples: 60371067001, 60371067002, 60371067003, 60371067004, 60371067005, 60371067006, 60371067007, 60371067008, 60371067009, 60371067010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/kg	ND	100	06/03/21 20:15	

LABORATORY CONTROL SAMPLE: 2911254

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/kg	500	474	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2911255 2911256

Parameter	Units	60371067001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/kg	ND	503	503	504	509	87	88	80-120	1	15	

SAMPLE DUPLICATE: 2911257

Parameter	Units	60371067002 Result	Dup Result	RPD	Max RPD	Qualifiers
Chloride	mg/kg	ND	69J		15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALIFIERS

Project: MCA 108
Pace Project No.: 60371067

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MCA 108
Pace Project No.: 60371067

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60371067001	NSW-3	EPA 3546	724203	EPA 8015B	724272
60371067002	NSW-4	EPA 3546	724203	EPA 8015B	724272
60371067003	NSW-5	EPA 3546	724203	EPA 8015B	724272
60371067004	SSW-3	EPA 3546	724203	EPA 8015B	724272
60371067005	SSW-4	EPA 3546	724203	EPA 8015B	724272
60371067006	SSW-5	EPA 3546	724203	EPA 8015B	724272
60371067007	FS-6	EPA 3546	724203	EPA 8015B	724272
60371067008	FS-7	EPA 3546	724203	EPA 8015B	724272
60371067009	FS-8	EPA 3546	724203	EPA 8015B	724272
60371067010	ESW-4 (15')	EPA 3546	724203	EPA 8015B	724272
60371067001	NSW-3	EPA 5035A/5030B	724118	EPA 8015B	724141
60371067002	NSW-4	EPA 5035A/5030B	724118	EPA 8015B	724141
60371067003	NSW-5	EPA 5035A/5030B	724118	EPA 8015B	724141
60371067004	SSW-3	EPA 5035A/5030B	724118	EPA 8015B	724141
60371067005	SSW-4	EPA 5035A/5030B	724118	EPA 8015B	724141
60371067006	SSW-5	EPA 5035A/5030B	724118	EPA 8015B	724141
60371067007	FS-6	EPA 5035A/5030B	724118	EPA 8015B	724141
60371067008	FS-7	EPA 5035A/5030B	724118	EPA 8015B	724141
60371067009	FS-8	EPA 5035A/5030B	724118	EPA 8015B	724141
60371067010	ESW-4 (15')	EPA 5035A/5030B	724118	EPA 8015B	724141
60371067001	NSW-3	EPA 5035A/5030	724219	EPA 8260B	724239
60371067002	NSW-4	EPA 5035A/5030	724368	EPA 8260B	724382
60371067003	NSW-5	EPA 5035A/5030	724368	EPA 8260B	724382
60371067004	SSW-3	EPA 5035A/5030	724368	EPA 8260B	724382
60371067005	SSW-4	EPA 5035A/5030	724368	EPA 8260B	724382
60371067006	SSW-5	EPA 5035A/5030	724368	EPA 8260B	724382
60371067007	FS-6	EPA 5035A/5030	724368	EPA 8260B	724382
60371067008	FS-7	EPA 5035A/5030	724368	EPA 8260B	724382
60371067009	FS-8	EPA 5035A/5030	724368	EPA 8260B	724382
60371067010	ESW-4 (15')	EPA 5035A/5030	724368	EPA 8260B	724382
60371067001	NSW-3	ASTM D2974	724204		
60371067002	NSW-4	ASTM D2974	724204		
60371067003	NSW-5	ASTM D2974	724204		
60371067004	SSW-3	ASTM D2974	724204		
60371067005	SSW-4	ASTM D2974	724204		
60371067006	SSW-5	ASTM D2974	724204		
60371067007	FS-6	ASTM D2974	724204		
60371067008	FS-7	ASTM D2974	724204		
60371067009	FS-8	ASTM D2974	724204		
60371067010	ESW-4 (15')	ASTM D2974	724204		
60371067001	NSW-3	EPA 9056	724212	EPA 9056	724361
60371067002	NSW-4	EPA 9056	724212	EPA 9056	724361
60371067003	NSW-5	EPA 9056	724212	EPA 9056	724361
60371067004	SSW-3	EPA 9056	724212	EPA 9056	724361
60371067005	SSW-4	EPA 9056	724212	EPA 9056	724361
60371067006	SSW-5	EPA 9056	724212	EPA 9056	724361

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MCA 108
Pace Project No.: 60371067

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60371067007	**FS-6**	EPA 9056	724212	EPA 9056	724361
60371067008	**FS-7**	EPA 9056	724212	EPA 9056	724361
60371067009	**FS-8**	EPA 9056	724212	EPA 9056	724361
60371067010	**ESW-4 (15')**	EPA 9056	724212	EPA 9056	724361

Pace Analytical
www.pacelabs.com

Sample Condition Upon Receipt
ESI Tech Spec Client

WO# : 60371067

60371067

Client Name: Tetra Tech, Inc

Courier: FedEx ☒ UPS ☐ VIA ☐ Clay ☐ PEX ☐ ECI ☐ Pace ☐ Xroads ☐ Client ☐ Other ☐

Tracking #: 8155 8629 9369 Pace Shipping Label Used? Yes ☐ No ☒

Custody Seal on Cooler/Box Present: Yes ☐ No ☒ Seals intact: Yes ☐ No ☒

Packing Material: Bubble Wrap ☐ Bubble Bags ☒ Foam ☐ None ☐ Other ☒ Zpk

Thermometer Used: T298 **Type of Ice:** (Wet) Blue None

Cooler Temperature (°C): **As-read** 4.4 **Corr. Factor** 0.0 **Corrected** 4.4

Date and initials of person examining contents: 6/3/21 SR

Temperature should be above freezing to 6°C

Chain of Custody present:	☒Yes ☐No ☐N/A	
Chain of Custody relinquished:	☒Yes ☐No ☐N/A	
Samples arrived within holding time:	☒Yes ☐No ☐N/A	
Short Hold Time analyses (<72hr):	☐Yes ☒No ☐N/A	
Rush Turn Around Time requested:	☒Yes ☐No ☐N/A	24 Hour
Sufficient volume:	☒Yes ☐No ☐N/A	
Correct containers used:	☒Yes ☐No ☐N/A	
Pace containers used:	☒Yes ☐No ☐N/A	
Containers intact:	☒Yes ☐No ☐N/A	
Unpreserved 5035A / TX1005/1006 soils frozen in 48hrs?	☐Yes ☐No ☒N/A	
Filtered volume received for dissolved tests?	☐Yes ☐No ☒N/A	
Sample labels match COC: Date / time / ID / analyses	☒Yes ☐No ☐N/A	
Samples contain multiple phases? Matrix: SL	☐Yes ☒No ☐N/A	
Containers requiring pH preservation in compliance? (HNO_3, H_2SO_4, HCl<2; NaOH>9 Sulfide, NaOH>10 Cyanide) (Exceptions: VOA, Micro, O&G, KS TPH, OK-DRO)	☐Yes ☐No ☒N/A	List sample IDs, volumes, lot #'s of preservative and the date/time added.
Cyanide water sample checks: Lead acetate strip turns dark? (Record only)	☐Yes ☐No	
Potassium iodide test strip turns blue/purple? (Preserve)	☐Yes ☐No	
Trip Blank present:	☐Yes ☐No ☒N/A	
Headspace in VOA vials (>6mm):	☐Yes ☐No ☒N/A	
Samples from USDA Regulated Area: State: NM	☐Yes ☒No ☐N/A	
Additional labels attached to 5035A / TX1005 vials in the field?	☐Yes ☐No ☒N/A	

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: _____

Temp Log: Record start and finish times when unpacking cooler, if >20 min, recheck sample temps.

Start: 0950	Start:
End: 0954	End:
Temp: 4.4	Temp:

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

60571067

Client Name:	Conoco Phillips	Site Manager:	Sam Abbott
Project Name:	MCA 108	Contact Info:	Email: sam.abbott@tetratech.com Phone: (512) 739-7874
Project Location: (County, state)	Lea County, New Mexico	Project #:	212C-MD-02175
Invoice to:	Accounts Payable 901 West Wall Street, Suite 100 Midland, Texas 79701		
Receiving Laboratory:	Pace Analytical	Sampler Signature:	John Thurston

Comments: COPTETRA Acctnum

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: NONE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R	
	NSW-3	6/2/2021	9:20		X			X		1	N	X		X				1-J GFC								X					
	NSW-4	6/2/2021	9:25		X			X		1	N	X		X												X					
	NSW-5	6/2/2021	9:30		X			X		1	N	X		X												X					
	SSW-3	6/2/2021	9:35		X			X		1	N	X		X												X					
	SSW-4	6/2/2021	9:40		X			X		1	N	X		X												X					
	SSW-5	6/2/2021	9:45		X			X		1	N	X		X												X					
	FS-6	6/2/2021	9:50		X			X		1	N	X		X												X					
	FS-7	6/2/2021	9:55		X			X		1	N	X		X												X					
	FS-8	6/2/2021	10:00		X			X		1	N	X		X												X					
	ESW-4 (15')	6/2/2021	10:05		X			X		1	N	X		X												X					

Relinquished by:	Date: 6/2/21	Time: 1530	Received by: Mlwr / PACE
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 6.3.21 Time: 0830

LAB USE ONLY

Sample Temperature 4.4°

REMARKS:

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

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

ORIGINAL COPY

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

June 09, 2021

Sam Abbott
Tetra Tech, Inc
8911 N Capital of Texas Hwy
#2310
Austin, TX 78759

RE: Project: MCA 108
Pace Project No.: 60371325

Dear Sam Abbott:

Enclosed are the analytical results for sample(s) received by the laboratory on June 05, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Kansas City

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Nolie Wood
nolie.wood@pacelabs.com
1(913)563-1401
Project Manager

Enclosures

cc: John Thurston, Tetra Tech-Houston TX

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

CERTIFICATIONS

Project: MCA 108
Pace Project No.: 60371325

Pace Analytical Services Kansas
9608 Loiret Boulevard, Lenexa, KS 66219
Missouri Inorganic Drinking Water Certification #: 10090
Arkansas Drinking Water
Arkansas Certification #: 20-020-0
Arkansas Drinking Water
Illinois Certification #: 200030
Iowa Certification #: 118
Kansas/NELAP Certification #: E-10116
Louisiana Certification #: 03055
Nevada Certification #: KS000212020-2
Oklahoma Certification #: 9205/9935
Florida: Cert E871149 SEKS WET
Texas Certification #: T104704407-19-12
Utah Certification #: KS000212019-9
Illinois Certification #: 004592
Kansas Field Laboratory Accreditation: # E-92587
Missouri SEKS Micro Certification: 10070

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

SAMPLE SUMMARY

Project: MCA 108
Pace Project No.: 60371325

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60371325001	**NSW-1**	Solid	06/03/21 09:20	06/05/21 08:55
60371325002	**NSW-2**	Solid	06/03/21 09:25	06/05/21 08:55
60371325003	**ESW-1**	Solid	06/03/21 09:30	06/05/21 08:55
60371325004	**SSW-1**	Solid	06/03/21 09:35	06/05/21 08:55
60371325005	**SSW-2**	Solid	06/03/21 09:40	06/05/21 08:55
60371325006	**WSW-1**	Solid	06/03/21 09:45	06/05/21 08:55
60371325007	**FS-1**	Solid	06/03/21 09:50	06/05/21 08:55
60371325008	**FS-3**	Solid	06/03/21 09:55	06/05/21 08:55
60371325009	**FS-4**	Solid	06/03/21 10:00	06/05/21 08:55
60371325010	**FS-5**	Solid	06/03/21 10:05	06/05/21 08:55
60371325011	**FS-10 (4')**	Solid	06/03/21 09:20	06/05/21 08:55

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

SAMPLE ANALYTE COUNT

Project: MCA 108
Pace Project No.: 60371325

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60371325001	NSW-1	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K
60371325002	NSW-2	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K
60371325003	ESW-1	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K
60371325004	SSW-1	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K
60371325005	SSW-2	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K
60371325006	WSW-1	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K
60371325007	FS-1	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K
60371325008	FS-3	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

SAMPLE ANALYTE COUNT

Project: MCA 108
Pace Project No.: 60371325

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K
60371325009	**FS-4**	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K
60371325010	**FS-5**	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K
60371325011	**FS-10 (4')**	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K

PASI-K = Pace Analytical Services - Kansas City

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60371325

Sample: NSW-1 **Lab ID: 60371325001** Collected: 06/03/21 09:20 Received: 06/05/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	18.8	1	06/07/21 08:16	06/08/21 09:42		
TPH-ORO (C28-C35)	ND	mg/kg	18.8	1	06/07/21 08:16	06/08/21 09:42		
Surrogates								
n-Tetracosane (S)	64	%	31-152	1	06/07/21 08:16	06/08/21 09:42	646-31-1	
p-Terphenyl (S)	93	%	46-130	1	06/07/21 08:16	06/08/21 09:42	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	9.2	1	06/08/21 08:27	06/08/21 11:31		
Surrogates								
4-Bromofluorobenzene (S)	92	%	63-121	1	06/08/21 08:27	06/08/21 11:31	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.0	1	06/07/21 09:37	06/07/21 11:30	71-43-2	
Ethylbenzene	ND	ug/kg	5.0	1	06/07/21 09:37	06/07/21 11:30	100-41-4	
Toluene	ND	ug/kg	5.0	1	06/07/21 09:37	06/07/21 11:30	108-88-3	
Xylene (Total)	ND	ug/kg	5.0	1	06/07/21 09:37	06/07/21 11:30	1330-20-7	
Surrogates								
Toluene-d8 (S)	98	%	80-120	1	06/07/21 09:37	06/07/21 11:30	2037-26-5	
4-Bromofluorobenzene (S)	105	%	80-120	1	06/07/21 09:37	06/07/21 11:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	80-120	1	06/07/21 09:37	06/07/21 11:30	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	ND	%	0.50	1		06/07/21 09:30		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	103	10	06/07/21 08:51	06/07/21 22:41	16887-00-6	

Sample: NSW-2 **Lab ID: 60371325002** Collected: 06/03/21 09:25 Received: 06/05/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	10.0	1	06/07/21 08:16	06/08/21 10:07		
TPH-ORO (C28-C35)	ND	mg/kg	10.0	1	06/07/21 08:16	06/08/21 10:07		
Surrogates								
n-Tetracosane (S)	132	%	31-152	1	06/07/21 08:16	06/08/21 10:07	646-31-1	
p-Terphenyl (S)	86	%	46-130	1	06/07/21 08:16	06/08/21 10:07	92-94-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60371325

Sample: NSW-2 **Lab ID: 60371325002** Collected: 06/03/21 09:25 Received: 06/05/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	9.5	1	06/08/21 08:27	06/08/21 11:52		
Surrogates								
4-Bromofluorobenzene (S)	95	%	63-121	1	06/08/21 08:27	06/08/21 11:52	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.0	1	06/07/21 09:37	06/07/21 11:46	71-43-2	
Ethylbenzene	ND	ug/kg	5.0	1	06/07/21 09:37	06/07/21 11:46	100-41-4	
Toluene	ND	ug/kg	5.0	1	06/07/21 09:37	06/07/21 11:46	108-88-3	
Xylene (Total)	ND	ug/kg	5.0	1	06/07/21 09:37	06/07/21 11:46	1330-20-7	
Surrogates								
Toluene-d8 (S)	98	%	80-120	1	06/07/21 09:37	06/07/21 11:46	2037-26-5	
4-Bromofluorobenzene (S)	103	%	80-120	1	06/07/21 09:37	06/07/21 11:46	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	80-120	1	06/07/21 09:37	06/07/21 11:46	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**1.3**	%	0.50	1		06/07/21 09:30		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	104	10	06/07/21 08:51	06/08/21 08:15	16887-00-6	

Sample: ESW-1 **Lab ID: 60371325003** Collected: 06/03/21 09:30 Received: 06/05/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	9.6	1	06/07/21 08:16	06/08/21 10:15		
TPH-ORO (C28-C35)	ND	mg/kg	9.6	1	06/07/21 08:16	06/08/21 10:15		
Surrogates								
n-Tetracosane (S)	113	%	31-152	1	06/07/21 08:16	06/08/21 10:15	646-31-1	
p-Terphenyl (S)	89	%	46-130	1	06/07/21 08:16	06/08/21 10:15	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	9.9	1	06/08/21 08:27	06/08/21 12:13		
Surrogates								
4-Bromofluorobenzene (S)	93	%	63-121	1	06/08/21 08:27	06/08/21 12:13	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60371325

Sample: ESW-1 **Lab ID: 60371325003** Collected: 06/03/21 09:30 Received: 06/05/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	4.9	1	06/07/21 09:37	06/07/21 12:02	71-43-2	
Ethylbenzene	ND	ug/kg	4.9	1	06/07/21 09:37	06/07/21 12:02	100-41-4	
Toluene	ND	ug/kg	4.9	1	06/07/21 09:37	06/07/21 12:02	108-88-3	
Xylene (Total)	ND	ug/kg	4.9	1	06/07/21 09:37	06/07/21 12:02	1330-20-7	
Surrogates								
Toluene-d8 (S)	96	%	80-120	1	06/07/21 09:37	06/07/21 12:02	2037-26-5	
4-Bromofluorobenzene (S)	106	%	80-120	1	06/07/21 09:37	06/07/21 12:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	80-120	1	06/07/21 09:37	06/07/21 12:02	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974							
	Pace Analytical Services - Kansas City							
Percent Moisture	**0.65**	%	0.50	1		06/07/21 09:30		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056							
	Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	96.6	10	06/07/21 08:51	06/08/21 08:31	16887-00-6	

Sample: SSW-1 **Lab ID: 60371325004** Collected: 06/03/21 09:35 Received: 06/05/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546							
	Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	**19.5**	mg/kg	9.8	1	06/07/21 08:16	06/08/21 10:23		
TPH-ORO (C28-C35)	**24.6**	mg/kg	9.8	1	06/07/21 08:16	06/08/21 10:23		
Surrogates								
n-Tetracosane (S)	144	%	31-152	1	06/07/21 08:16	06/08/21 10:23	646-31-1	
p-Terphenyl (S)	92	%	46-130	1	06/07/21 08:16	06/08/21 10:23	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B							
	Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	10.3	1	06/08/21 08:27	06/08/21 13:18		
Surrogates								
4-Bromofluorobenzene (S)	95	%	63-121	1	06/08/21 08:27	06/08/21 13:18	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030							
	Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.1	1	06/07/21 09:37	06/07/21 12:18	71-43-2	
Ethylbenzene	ND	ug/kg	5.1	1	06/07/21 09:37	06/07/21 12:18	100-41-4	
Toluene	ND	ug/kg	5.1	1	06/07/21 09:37	06/07/21 12:18	108-88-3	
Xylene (Total)	ND	ug/kg	5.1	1	06/07/21 09:37	06/07/21 12:18	1330-20-7	
Surrogates								
Toluene-d8 (S)	96	%	80-120	1	06/07/21 09:37	06/07/21 12:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60371325

Sample: SSW-1 **Lab ID: 60371325004** Collected: 06/03/21 09:35 Received: 06/05/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Surrogates								
4-Bromofluorobenzene (S)	108	%	80-120	1	06/07/21 09:37	06/07/21 12:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	80-120	1	06/07/21 09:37	06/07/21 12:18	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**1.9**	%	0.50	1		06/07/21 09:30		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	99.4	10	06/07/21 08:51	06/08/21 08:49	16887-00-6	

Sample: SSW-2 **Lab ID: 60371325005** Collected: 06/03/21 09:40 Received: 06/05/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	**20.4**	mg/kg	9.8	1	06/07/21 08:16	06/08/21 10:31		
TPH-ORO (C28-C35)	**23.3**	mg/kg	9.8	1	06/07/21 08:16	06/08/21 10:31		
Surrogates								
n-Tetracosane (S)	82	%	31-152	1	06/07/21 08:16	06/08/21 10:31	646-31-1	
p-Terphenyl (S)	96	%	46-130	1	06/07/21 08:16	06/08/21 10:31	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	9.8	1	06/08/21 08:27	06/08/21 13:39		
Surrogates								
4-Bromofluorobenzene (S)	94	%	63-121	1	06/08/21 08:27	06/08/21 13:39	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.0	1	06/07/21 09:37	06/07/21 12:34	71-43-2	
Ethylbenzene	ND	ug/kg	5.0	1	06/07/21 09:37	06/07/21 12:34	100-41-4	
Toluene	ND	ug/kg	5.0	1	06/07/21 09:37	06/07/21 12:34	108-88-3	
Xylene (Total)	ND	ug/kg	5.0	1	06/07/21 09:37	06/07/21 12:34	1330-20-7	
Surrogates								
Toluene-d8 (S)	97	%	80-120	1	06/07/21 09:37	06/07/21 12:34	2037-26-5	
4-Bromofluorobenzene (S)	107	%	80-120	1	06/07/21 09:37	06/07/21 12:34	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	80-120	1	06/07/21 09:37	06/07/21 12:34	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60371325

Sample: SSW-2 **Lab ID: 60371325005** Collected: 06/03/21 09:40 Received: 06/05/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**1.5**	%	0.50	1		06/07/21 09:30		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	105	10	06/07/21 08:51	06/08/21 09:06	16887-00-6	

Sample: WSW-1 **Lab ID: 60371325006** Collected: 06/03/21 09:45 Received: 06/05/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	**68.3**	mg/kg	9.5	1	06/07/21 08:16	06/08/21 10:40		
TPH-ORO (C28-C35)	**32.7**	mg/kg	9.5	1	06/07/21 08:16	06/08/21 10:40		
Surrogates								
n-Tetracosane (S)	124	%	31-152	1	06/07/21 08:16	06/08/21 10:40	646-31-1	
p-Terphenyl (S)	106	%	46-130	1	06/07/21 08:16	06/08/21 10:40	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	10	1	06/08/21 08:27	06/08/21 14:01		
Surrogates								
4-Bromofluorobenzene (S)	96	%	63-121	1	06/08/21 08:27	06/08/21 14:01	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.0	1	06/07/21 09:37	06/07/21 12:50	71-43-2	
Ethylbenzene	ND	ug/kg	5.0	1	06/07/21 09:37	06/07/21 12:50	100-41-4	
Toluene	ND	ug/kg	5.0	1	06/07/21 09:37	06/07/21 12:50	108-88-3	
Xylene (Total)	ND	ug/kg	5.0	1	06/07/21 09:37	06/07/21 12:50	1330-20-7	
Surrogates								
Toluene-d8 (S)	98	%	80-120	1	06/07/21 09:37	06/07/21 12:50	2037-26-5	
4-Bromofluorobenzene (S)	106	%	80-120	1	06/07/21 09:37	06/07/21 12:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	80-120	1	06/07/21 09:37	06/07/21 12:50	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	ND	%	0.50	1		06/07/21 09:30		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	103	10	06/07/21 08:51	06/08/21 09:23	16887-00-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60371325

Sample: FS-1 **Lab ID: 60371325007** Collected: 06/03/21 09:50 Received: 06/05/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	10.1	1	06/07/21 08:16	06/08/21 10:48		
TPH-ORO (C28-C35)	ND	mg/kg	10.1	1	06/07/21 08:16	06/08/21 10:48		
Surrogates								
n-Tetracosane (S)	95	%	31-152	1	06/07/21 08:16	06/08/21 10:48	646-31-1	
p-Terphenyl (S)	77	%	46-130	1	06/07/21 08:16	06/08/21 10:48	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	11.0	1	06/08/21 08:27	06/08/21 15:06		
Surrogates								
4-Bromofluorobenzene (S)	95	%	63-121	1	06/08/21 08:27	06/08/21 15:06	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.2	1	06/07/21 09:37	06/07/21 13:06	71-43-2	
Ethylbenzene	ND	ug/kg	5.2	1	06/07/21 09:37	06/07/21 13:06	100-41-4	
Toluene	ND	ug/kg	5.2	1	06/07/21 09:37	06/07/21 13:06	108-88-3	
Xylene (Total)	ND	ug/kg	5.2	1	06/07/21 09:37	06/07/21 13:06	1330-20-7	
Surrogates								
Toluene-d8 (S)	95	%	80-120	1	06/07/21 09:37	06/07/21 13:06	2037-26-5	
4-Bromofluorobenzene (S)	105	%	80-120	1	06/07/21 09:37	06/07/21 13:06	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	80-120	1	06/07/21 09:37	06/07/21 13:06	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**5.3**	%	0.50	1		06/07/21 09:30		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	**532**	mg/kg	104	10	06/07/21 08:51	06/08/21 09:41	16887-00-6	

Sample: FS-3 **Lab ID: 60371325008** Collected: 06/03/21 09:55 Received: 06/05/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	10.4	1	06/07/21 08:16	06/08/21 10:56		
TPH-ORO (C28-C35)	ND	mg/kg	10.4	1	06/07/21 08:16	06/08/21 10:56		
Surrogates								
n-Tetracosane (S)	95	%	31-152	1	06/07/21 08:16	06/08/21 10:56	646-31-1	
p-Terphenyl (S)	88	%	46-130	1	06/07/21 08:16	06/08/21 10:56	92-94-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60371325

Sample: FS-3 **Lab ID: 60371325008** Collected: 06/03/21 09:55 Received: 06/05/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	9.2	1	06/08/21 08:27	06/08/21 15:27		
Surrogates								
4-Bromofluorobenzene (S)	96	%	63-121	1	06/08/21 08:27	06/08/21 15:27	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.1	1	06/07/21 09:37	06/07/21 13:21	71-43-2	
Ethylbenzene	ND	ug/kg	5.1	1	06/07/21 09:37	06/07/21 13:21	100-41-4	
Toluene	ND	ug/kg	5.1	1	06/07/21 09:37	06/07/21 13:21	108-88-3	
Xylene (Total)	ND	ug/kg	5.1	1	06/07/21 09:37	06/07/21 13:21	1330-20-7	
Surrogates								
Toluene-d8 (S)	96	%	80-120	1	06/07/21 09:37	06/07/21 13:21	2037-26-5	
4-Bromofluorobenzene (S)	105	%	80-120	1	06/07/21 09:37	06/07/21 13:21	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	80-120	1	06/07/21 09:37	06/07/21 13:21	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**4.2**	%	0.50	1		06/07/21 09:30		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	**534**	mg/kg	100	10	06/07/21 08:51	06/08/21 09:58	16887-00-6	

Sample: FS-4 **Lab ID: 60371325009** Collected: 06/03/21 10:00 Received: 06/05/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	10.4	1	06/07/21 08:16	06/08/21 11:04		
TPH-ORO (C28-C35)	ND	mg/kg	10.4	1	06/07/21 08:16	06/08/21 11:04		
Surrogates								
n-Tetracosane (S)	105	%	31-152	1	06/07/21 08:16	06/08/21 11:04	646-31-1	
p-Terphenyl (S)	90	%	46-130	1	06/07/21 08:16	06/08/21 11:04	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	10.4	1	06/08/21 08:27	06/08/21 15:48		
Surrogates								
4-Bromofluorobenzene (S)	95	%	63-121	1	06/08/21 08:27	06/08/21 15:48	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60371325

Sample: FS-4 **Lab ID: 60371325009** Collected: 06/03/21 10:00 Received: 06/05/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.2	1	06/07/21 09:37	06/07/21 13:37	71-43-2	
Ethylbenzene	ND	ug/kg	5.2	1	06/07/21 09:37	06/07/21 13:37	100-41-4	
Toluene	ND	ug/kg	5.2	1	06/07/21 09:37	06/07/21 13:37	108-88-3	
Xylene (Total)	ND	ug/kg	5.2	1	06/07/21 09:37	06/07/21 13:37	1330-20-7	
Surrogates								
Toluene-d8 (S)	97	%	80-120	1	06/07/21 09:37	06/07/21 13:37	2037-26-5	
4-Bromofluorobenzene (S)	106	%	80-120	1	06/07/21 09:37	06/07/21 13:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	80-120	1	06/07/21 09:37	06/07/21 13:37	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**5.1**	%	0.50	1		06/07/21 09:30		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	**755**	mg/kg	108	10	06/07/21 08:51	06/08/21 10:16	16887-00-6	

Sample: FS-5 **Lab ID: 60371325010** Collected: 06/03/21 10:05 Received: 06/05/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	**13.2**	mg/kg	9.9	1	06/07/21 08:16	06/08/21 11:13		
TPH-ORO (C28-C35)	ND	mg/kg	9.9	1	06/07/21 08:16	06/08/21 11:13		
Surrogates								
n-Tetracosane (S)	99	%	31-152	1	06/07/21 08:16	06/08/21 11:13	646-31-1	
p-Terphenyl (S)	96	%	46-130	1	06/07/21 08:16	06/08/21 11:13	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	10.3	1	06/08/21 08:27	06/08/21 16:10		
Surrogates								
4-Bromofluorobenzene (S)	94	%	63-121	1	06/08/21 08:27	06/08/21 16:10	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.2	1	06/07/21 09:37	06/07/21 13:53	71-43-2	
Ethylbenzene	ND	ug/kg	5.2	1	06/07/21 09:37	06/07/21 13:53	100-41-4	
Toluene	ND	ug/kg	5.2	1	06/07/21 09:37	06/07/21 13:53	108-88-3	
Xylene (Total)	ND	ug/kg	5.2	1	06/07/21 09:37	06/07/21 13:53	1330-20-7	
Surrogates								
Toluene-d8 (S)	97	%	80-120	1	06/07/21 09:37	06/07/21 13:53	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60371325

Sample: FS-5 **Lab ID: 60371325010** Collected: 06/03/21 10:05 Received: 06/05/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Surrogates								
4-Bromofluorobenzene (S)	105	%	80-120	1	06/07/21 09:37	06/07/21 13:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	80-120	1	06/07/21 09:37	06/07/21 13:53	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**4.6**	%	0.50	1		06/07/21 09:30		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	**1280**	mg/kg	105	10	06/07/21 08:51	06/08/21 11:08	16887-00-6	

Sample: FS-10 (4') **Lab ID: 60371325011** Collected: 06/03/21 09:20 Received: 06/05/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	**23.0**	mg/kg	9.7	1	06/07/21 08:16	06/08/21 11:21		
TPH-ORO (C28-C35)	**11.7**	mg/kg	9.7	1	06/07/21 08:16	06/08/21 11:21		
Surrogates								
n-Tetracosane (S)	159	%	31-152	1	06/07/21 08:16	06/08/21 11:21	646-31-1	S1
p-Terphenyl (S)	84	%	46-130	1	06/07/21 08:16	06/08/21 11:21	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	10.0	1	06/08/21 08:27	06/08/21 16:31		
Surrogates								
4-Bromofluorobenzene (S)	96	%	63-121	1	06/08/21 08:27	06/08/21 16:31	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.1	1	06/07/21 09:37	06/07/21 14:09	71-43-2	
Ethylbenzene	ND	ug/kg	5.1	1	06/07/21 09:37	06/07/21 14:09	100-41-4	
Toluene	ND	ug/kg	5.1	1	06/07/21 09:37	06/07/21 14:09	108-88-3	
Xylene (Total)	ND	ug/kg	5.1	1	06/07/21 09:37	06/07/21 14:09	1330-20-7	
Surrogates								
Toluene-d8 (S)	99	%	80-120	1	06/07/21 09:37	06/07/21 14:09	2037-26-5	
4-Bromofluorobenzene (S)	107	%	80-120	1	06/07/21 09:37	06/07/21 14:09	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	80-120	1	06/07/21 09:37	06/07/21 14:09	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60371325

Sample: FS-10 (4') **Lab ID: 60371325011** Collected: 06/03/21 09:20 Received: 06/05/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**1.8**	%	0.50	1		06/07/21 09:31		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	102	10	06/07/21 08:51	06/08/21 11:25	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: MCA 108
Pace Project No.: 60371325

QC Batch: 724682
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8015B
Analysis Description: Gasoline Range Organics
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60371325001, 60371325002, 60371325003, 60371325004, 60371325005, 60371325006, 60371325007, 60371325008, 60371325009, 60371325010, 60371325011

METHOD BLANK: 2912847 Matrix: Solid
Associated Lab Samples: 60371325001, 60371325002, 60371325003, 60371325004, 60371325005, 60371325006, 60371325007, 60371325008, 60371325009, 60371325010, 60371325011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/kg	ND	10.0	06/08/21 11:09	
4-Bromofluorobenzene (S)	%	94	63-121	06/08/21 11:09	

LABORATORY CONTROL SAMPLE: 2912848

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/kg	50	44.1	88	71-107	
4-Bromofluorobenzene (S)	%			96	63-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2912849 2912850

Parameter	Units	60371325003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH-GRO	mg/kg	ND	47.9	48.1	41.6	40.6	86	84	29-143	2	26	
4-Bromofluorobenzene (S)	%						98	98	63-121			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: MCA 108
Pace Project No.: 60371325

QC Batch: 724705
QC Batch Method: EPA 5035A/5030
Analysis Method: EPA 8260B
Analysis Description: 8260 MSV 5035A Volatile Organics
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60371325001, 60371325002, 60371325003, 60371325004, 60371325005, 60371325006, 60371325007, 60371325008, 60371325009, 60371325010, 60371325011

METHOD BLANK: 2912943 Matrix: Solid
Associated Lab Samples: 60371325001, 60371325002, 60371325003, 60371325004, 60371325005, 60371325006, 60371325007, 60371325008, 60371325009, 60371325010, 60371325011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/kg	ND	5.0	06/07/21 09:55	
Ethylbenzene	ug/kg	ND	5.0	06/07/21 09:55	
Toluene	ug/kg	ND	5.0	06/07/21 09:55	
Xylene (Total)	ug/kg	ND	5.0	06/07/21 09:55	
1,2-Dichlorobenzene-d4 (S)	%	104	80-120	06/07/21 09:55	
4-Bromofluorobenzene (S)	%	105	85-115	06/07/21 09:55	
Toluene-d8 (S)	%	99	80-120	06/07/21 09:55	

LABORATORY CONTROL SAMPLE: 2912944

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	100	95.7	96	75-125	
Ethylbenzene	ug/kg	100	93.5	94	80-130	
Toluene	ug/kg	100	93.2	93	80-120	
Xylene (Total)	ug/kg	300	283	94	80-125	
1,2-Dichlorobenzene-d4 (S)	%			104	80-120	
4-Bromofluorobenzene (S)	%			102	85-115	
Toluene-d8 (S)	%			98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2912945 2912946

Parameter	Units	60371325011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	ND	101	101	75.3	79.7	75	79	45-130	6	35	
Ethylbenzene	ug/kg	ND	101	101	70.0	75.9	69	75	35-140	8	35	
Toluene	ug/kg	ND	101	101	73.1	77.1	72	76	40-135	5	35	
Xylene (Total)	ug/kg	ND	304	302	211	227	70	75	30-145	7	35	
1,2-Dichlorobenzene-d4 (S)	%						104	106	80-120		3	
4-Bromofluorobenzene (S)	%						104	106	85-115		20	
Toluene-d8 (S)	%						98	97	80-120		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: MCA 108
Pace Project No.: 60371325

QC Batch: 724675
QC Batch Method: EPA 3546
Analysis Method: EPA 8015B
Analysis Description: EPA 8015B
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60371325001, 60371325002, 60371325003, 60371325004, 60371325005, 60371325006, 60371325007, 60371325008, 60371325009, 60371325010, 60371325011

METHOD BLANK: 2912794 Matrix: Solid
Associated Lab Samples: 60371325001, 60371325002, 60371325003, 60371325004, 60371325005, 60371325006, 60371325007, 60371325008, 60371325009, 60371325010, 60371325011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO (C10-C28)	mg/kg	ND	9.5	06/08/21 09:25	
TPH-ORO (C28-C35)	mg/kg	ND	9.5	06/08/21 09:25	
n-Tetracosane (S)	%	49	31-152	06/08/21 09:25	
p-Terphenyl (S)	%	81	46-130	06/08/21 09:25	

LABORATORY CONTROL SAMPLE: 2912795

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO (C10-C28)	mg/kg	80.4	66.0	82	74-124	
n-Tetracosane (S)	%			62	31-152	
p-Terphenyl (S)	%			94	46-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2912796 2912797

Parameter	Units	60371325001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH-DRO (C10-C28)	mg/kg	ND	158	166	129	139	80	82	30-130	7	35	
n-Tetracosane (S)	%						66	72	31-152			
p-Terphenyl (S)	%						95	97	46-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: MCA 108
Pace Project No.: 60371325

QC Batch: 724707 Analysis Method: ASTM D2974
QC Batch Method: ASTM D2974 Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60371325001, 60371325002, 60371325003, 60371325004, 60371325005, 60371325006, 60371325007, 60371325008, 60371325009, 60371325010, 60371325011

METHOD BLANK: 2912951 Matrix: Solid
Associated Lab Samples: 60371325001, 60371325002, 60371325003, 60371325004, 60371325005, 60371325006, 60371325007, 60371325008, 60371325009, 60371325010, 60371325011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	06/07/21 09:30	

SAMPLE DUPLICATE: 2912952

Parameter	Units	60371325001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	ND	ND		20	

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QUALITY CONTROL DATA

Project: MCA 108
Pace Project No.: 60371325

QC Batch: 724744
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60371325001, 60371325002, 60371325003, 60371325004, 60371325005, 60371325006, 60371325007, 60371325008, 60371325009, 60371325010, 60371325011

METHOD BLANK: 2913105 Matrix: Solid
Associated Lab Samples: 60371325001, 60371325002, 60371325003, 60371325004, 60371325005, 60371325006, 60371325007, 60371325008, 60371325009, 60371325010, 60371325011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/kg	ND	100	06/07/21 20:57	

LABORATORY CONTROL SAMPLE: 2913106

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/kg	500	494	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2913110 2913111

Parameter	Units	60371325001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/kg	ND	503	503	530	532	96	96	80-120	0	15	

SAMPLE DUPLICATE: 2913112

Parameter	Units	60371325001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chloride	mg/kg	ND	43.9J		15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: MCA 108
Pace Project No.: 60371325

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

S1 Surrogate recovery outside laboratory control limits (confirmed by re-analysis).

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MCA 108
Pace Project No.: 60371325

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60371325001	NSW-1	EPA 3546	724675	EPA 8015B	724814
60371325002	NSW-2	EPA 3546	724675	EPA 8015B	724814
60371325003	ESW-1	EPA 3546	724675	EPA 8015B	724814
60371325004	SSW-1	EPA 3546	724675	EPA 8015B	724814
60371325005	SSW-2	EPA 3546	724675	EPA 8015B	724814
60371325006	WSW-1	EPA 3546	724675	EPA 8015B	724814
60371325007	FS-1	EPA 3546	724675	EPA 8015B	724814
60371325008	FS-3	EPA 3546	724675	EPA 8015B	724814
60371325009	FS-4	EPA 3546	724675	EPA 8015B	724814
60371325010	FS-5	EPA 3546	724675	EPA 8015B	724814
60371325011	FS-10 (4')	EPA 3546	724675	EPA 8015B	724814
60371325001	NSW-1	EPA 5035A/5030B	724682	EPA 8015B	724956
60371325002	NSW-2	EPA 5035A/5030B	724682	EPA 8015B	724956
60371325003	ESW-1	EPA 5035A/5030B	724682	EPA 8015B	724956
60371325004	SSW-1	EPA 5035A/5030B	724682	EPA 8015B	724956
60371325005	SSW-2	EPA 5035A/5030B	724682	EPA 8015B	724956
60371325006	WSW-1	EPA 5035A/5030B	724682	EPA 8015B	724956
60371325007	FS-1	EPA 5035A/5030B	724682	EPA 8015B	724956
60371325008	FS-3	EPA 5035A/5030B	724682	EPA 8015B	724956
60371325009	FS-4	EPA 5035A/5030B	724682	EPA 8015B	724956
60371325010	FS-5	EPA 5035A/5030B	724682	EPA 8015B	724956
60371325011	FS-10 (4')	EPA 5035A/5030B	724682	EPA 8015B	724956
60371325001	NSW-1	EPA 5035A/5030	724705	EPA 8260B	724748
60371325002	NSW-2	EPA 5035A/5030	724705	EPA 8260B	724748
60371325003	ESW-1	EPA 5035A/5030	724705	EPA 8260B	724748
60371325004	SSW-1	EPA 5035A/5030	724705	EPA 8260B	724748
60371325005	SSW-2	EPA 5035A/5030	724705	EPA 8260B	724748
60371325006	WSW-1	EPA 5035A/5030	724705	EPA 8260B	724748
60371325007	FS-1	EPA 5035A/5030	724705	EPA 8260B	724748
60371325008	FS-3	EPA 5035A/5030	724705	EPA 8260B	724748
60371325009	FS-4	EPA 5035A/5030	724705	EPA 8260B	724748
60371325010	FS-5	EPA 5035A/5030	724705	EPA 8260B	724748
60371325011	FS-10 (4')	EPA 5035A/5030	724705	EPA 8260B	724748
60371325001	NSW-1	ASTM D2974	724707		
60371325002	NSW-2	ASTM D2974	724707		
60371325003	ESW-1	ASTM D2974	724707		
60371325004	SSW-1	ASTM D2974	724707		
60371325005	SSW-2	ASTM D2974	724707		
60371325006	WSW-1	ASTM D2974	724707		
60371325007	FS-1	ASTM D2974	724707		
60371325008	FS-3	ASTM D2974	724707		
60371325009	FS-4	ASTM D2974	724707		
60371325010	FS-5	ASTM D2974	724707		
60371325011	FS-10 (4')	ASTM D2974	724707		
60371325001	NSW-1	EPA 9056	724744	EPA 9056	724949
60371325002	NSW-2	EPA 9056	724744	EPA 9056	724949
60371325003	ESW-1	EPA 9056	724744	EPA 9056	724949

Pace Analytical Services, LLC
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Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MCA 108
Pace Project No.: 60371325

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60371325004	**SSW-1**	EPA 9056	724744	EPA 9056	724949
60371325005	**SSW-2**	EPA 9056	724744	EPA 9056	724949
60371325006	**WSW-1**	EPA 9056	724744	EPA 9056	724949
60371325007	**FS-1**	EPA 9056	724744	EPA 9056	724949
60371325008	**FS-3**	EPA 9056	724744	EPA 9056	724949
60371325009	**FS-4**	EPA 9056	724744	EPA 9056	724949
60371325010	**FS-5**	EPA 9056	724744	EPA 9056	724949
60371325011	**FS-10 (4')**	EPA 9056	724744	EPA 9056	724949

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Sample Condition Upon Receipt

WO#: 60371325

60371325

Client Name: Tetra Tech, Inc.

Courier: FedEx ☒ UPS ☐ VIA ☐ Clay ☐ PEX ☐ ECI ☐ Pace ☐ Xroads ☐ Client ☐ Other ☐

Tracking #: 8155 8029 9314 Pace Shipping Label Used? Yes ☐ No ☐

Custody Seal on Cooler/Box Present: Yes ☐ No ☒ Seals intact: Yes ☐ No ☐

Packing Material: Bubble Wrap ☐ Bubble Bags ☒ Foam ☐ None ☐ Other ☒ ZIP

Thermometer Used: T298 **Type of Ice:** (Wet) Blue None

Cooler Temperature (°C): **As-read** 1.5 **Corr. Factor** 0.0 **Corrected** 1.5

Date and initials of person examining contents: 05211MLK

Temperature should be above freezing to 6°C

Chain of Custody present:	☒Yes ☐No ☐N/A	
Chain of Custody relinquished:	☒Yes ☐No ☐N/A	
Samples arrived within holding time:	☒Yes ☐No ☐N/A	
Short Hold Time analyses (<72hr):	☐Yes ☒No ☐N/A	
Rush Turn Around Time requested:	☒Yes ☐No ☐N/A	24 hr
Sufficient volume:	☒Yes ☐No ☐N/A	
Correct containers used:	☒Yes ☐No ☐N/A	
Pace containers used:	☒Yes ☐No ☐N/A	
Containers intact:	☒Yes ☐No ☐N/A	
Unpreserved 5035A / TX1005/1006 soils frozen in 48hrs?	☐Yes ☐No ☒N/A	
Filtered volume received for dissolved tests?	☐Yes ☐No ☒N/A	
Sample labels match COC: Date / time / ID / analyses	☒Yes ☐No ☐N/A	
Samples contain multiple phases? Matrix: SL	☐Yes ☒No ☐N/A	
Containers requiring pH preservation in compliance? (HNO_3, H_2SO_4, HCl<2; NaOH>9 Sulfide, NaOH>10 Cyanide) (Exceptions: VOA, Micro, O&G, KS TPH, OK-DRO) LOT#	☐Yes ☐No ☒N/A	List sample IDs, volumes, lot #'s of preservative and the date/time added.
Cyanide water sample checks: Lead acetate strip turns dark? (Record only) Potassium iodide test strip turns blue/purple? (Preserve)	☐Yes ☐No ☐Yes ☐No	
Trip Blank present:	☒Yes ☐No ~~☐N/A~~ 05211MLK	
Headspace in VOA vials (>6mm):	☐Yes ☐No ☒N/A	
Samples from USDA Regulated Area: State: NM Lea County	☐Yes ☒No ~~☐N/A~~ 05211MLK	
Additional labels attached to 5035A / TX1005 vials in the field?	☐Yes ☐No ☒N/A	

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: _____

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

60571325

Client Name:	Conoco Phillips	Site Manager:	Sam Abbott
Project Name:	MCA 108	Contact Info:	Email: sam.abbott@tetratech.com Phone: (512) 739-7874
Project Location: (county, state)	Lea County, New Mexico	Project #:	212C-MD-02175
Invoice to:	Accounts Payable 901 West Wall Street, Suite 100 Midland, Texas 79701		
Receiving Laboratory:	Pace Analytical	Sampler Signature:	John Thurston

Comments: COPTETRA Acctnum

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2021 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD NONE	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R	HOLD
	NSW-1	6/3/2021	9:20		X				X			1	N	X		X												X		1-WGFU			
	NSW-2	6/3/2021	9:25		X				X			1	N	X		X												X					
	ESW-1	6/3/2021	9:30		X				X			1	N	X		X												X					
	SSW-1	6/3/2021	9:35		X				X			1	N	X		X												X					
	SSW-2	6/3/2021	9:40		X				X			1	N	X		X												X					
	WSW-1	6/3/2021	9:45		X				X			1	N	X		X												X					
	FS-1	6/3/2021	9:50		X				X			1	N	X		X												X					
	FS-3	6/3/2021	9:55		X				X			1	N	X		X												X					
	FS-4	6/3/2021	10:00		X				X			1	N	X		X												X					
	FS-5	6/3/2021	10:05		X				X			1	N	X		X												X					

Relinquished by: John Thurston	Date: 6/4/21	Time: 1530	Received by: Miller/Pace
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 06/5/21 Time: 0855

LAB USE ONLY

Sample Temperature

REMARKS:

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

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

ORIGINAL COPY

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

60371325

Client Name:	Conoco Phillips	Site Manager:	Sam Abbott
Project Name:	MCA 108	Contact Info:	Email: sam.abbott@tetratech.com Phone: (512) 739-7874
Project Location: (county, state)	Lea County, New Mexico	Project #:	212C-MD-02175
Invoice to:	Accounts Payable 901 West Wall Street, Suite 100 Midland, Texas 79701		
Receiving Laboratory:	Pace Analytical	Sampler Signature:	John Thurston

Comments: COPTETRA Acctnum

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	MATRIX:	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	PRESERVATIVE METHOD: NONE	PRESERVATIVE METHOD:	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R	HOLD
		YEAR: 2021																														
	FS-10 (4')	6/3/2021	9:20		X				X			1	N	X		X												X		I-WGFU			

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
John Thurston	6/4/21	1530	Mueller/Pace	10/5/21	0855
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature

REMARKS:

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

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

ORIGINAL COPY

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

June 15, 2021

Sam Abbott
Tetra Tech, Inc
8911 N Capital of Texas Hwy
#2310
Austin, TX 78759

RE: Project: 212C-MD-02175
Pace Project No.: 60371900

Dear Sam Abbott:

Enclosed are the analytical results for sample(s) received by the laboratory on June 11, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Kansas City

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Nolie Wood
nolie.wood@pacelabs.com
1(913)563-1401
Project Manager

Enclosures

cc: John Thurston, Tetra Tech-Houston TX

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

CERTIFICATIONS

Project: 212C-MD-02175
Pace Project No.: 60371900

Pace Analytical Services Kansas
9608 Loiret Boulevard, Lenexa, KS 66219
Missouri Inorganic Drinking Water Certification #: 10090
Arkansas Drinking Water
Arkansas Certification #: 20-020-0
Arkansas Drinking Water
Illinois Certification #: 200030
Iowa Certification #: 118
Kansas/NELAP Certification #: E-10116
Louisiana Certification #: 03055
Nevada Certification #: KS000212020-2
Oklahoma Certification #: 9205/9935
Florida: Cert E871149 SEKS WET
Texas Certification #: T104704407-19-12
Utah Certification #: KS000212019-9
Illinois Certification #: 004592
Kansas Field Laboratory Accreditation: # E-92587
Missouri SEKS Micro Certification: 10070

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

SAMPLE SUMMARY

Project: 212C-MD-02175
Pace Project No.: 60371900

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60371900001	**WSW-1 (2')**	Solid	06/09/21 09:20	06/11/21 09:05
60371900002	**FS-9**	Solid	06/09/21 09:25	06/11/21 09:05

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 212C-MD-02175
Pace Project No.: 60371900

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
60371900001	**WSW-1 (2')**	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K
60371900002	**FS-9**	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K
		EPA 8260B	RAD	7	PASI-K
		ASTM D2974	DWC	1	PASI-K
		EPA 9056	CRN2	1	PASI-K

PASI-K = Pace Analytical Services - Kansas City

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(913)599-5665

ANALYTICAL RESULTS

Project: 212C-MD-02175
Pace Project No.: 60371900

Sample: WSW-1 (2') **Lab ID: 60371900001** Collected: 06/09/21 09:20 Received: 06/11/21 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	9.9	1	06/11/21 10:43	06/14/21 10:33		
TPH-ORO (C28-C35)	ND	mg/kg	9.9	1	06/11/21 10:43	06/14/21 10:33		
Surrogates								
n-Tetracosane (S)	89	%	31-152	1	06/11/21 10:43	06/14/21 10:33	646-31-1	
p-Terphenyl (S)	97	%	46-130	1	06/11/21 10:43	06/14/21 10:33	92-94-4	
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	9.7	1	06/13/21 15:19	06/13/21 21:41		
Surrogates								
4-Bromofluorobenzene (S)	94	%	63-121	1	06/13/21 15:19	06/13/21 21:41	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.0	1	06/15/21 10:06	06/15/21 11:23	71-43-2	
Ethylbenzene	ND	ug/kg	5.0	1	06/15/21 10:06	06/15/21 11:23	100-41-4	
Toluene	ND	ug/kg	5.0	1	06/15/21 10:06	06/15/21 11:23	108-88-3	
Xylene (Total)	**5.1**	ug/kg	5.0	1	06/15/21 10:06	06/15/21 11:23	1330-20-7	
Surrogates								
Toluene-d8 (S)	99	%	80-120	1	06/15/21 10:06	06/15/21 11:23	2037-26-5	
4-Bromofluorobenzene (S)	109	%	80-120	1	06/15/21 10:06	06/15/21 11:23	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	80-120	1	06/15/21 10:06	06/15/21 11:23	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	ND	%	0.50	1		06/11/21 10:42		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	ND	mg/kg	102	10	06/14/21 09:07	06/14/21 11:12	16887-00-6	

Sample: FS-9 **Lab ID: 60371900002** Collected: 06/09/21 09:25 Received: 06/11/21 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
TPH-DRO (C10-C28)	ND	mg/kg	10.0	1	06/11/21 10:43	06/14/21 10:41		
TPH-ORO (C28-C35)	ND	mg/kg	10.0	1	06/11/21 10:43	06/14/21 10:41		
Surrogates								
n-Tetracosane (S)	83	%	31-152	1	06/11/21 10:43	06/14/21 10:41	646-31-1	
p-Terphenyl (S)	90	%	46-130	1	06/11/21 10:43	06/14/21 10:41	92-94-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: 212C-MD-02175
Pace Project No.: 60371900

Sample: FS-9 **Lab ID: 60371900002** Collected: 06/09/21 09:25 Received: 06/11/21 09:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B Pace Analytical Services - Kansas City							
TPH-GRO	ND	mg/kg	8.9	1	06/13/21 15:19	06/13/21 22:03		
Surrogates								
4-Bromofluorobenzene (S)	94	%	63-121	1	06/13/21 15:19	06/13/21 22:03	460-00-4	
8260 MSV 5035A VOA	Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City							
Benzene	ND	ug/kg	5.0	1	06/15/21 10:06	06/15/21 11:39	71-43-2	
Ethylbenzene	ND	ug/kg	5.0	1	06/15/21 10:06	06/15/21 11:39	100-41-4	
Toluene	ND	ug/kg	5.0	1	06/15/21 10:06	06/15/21 11:39	108-88-3	
Xylene (Total)	ND	ug/kg	5.0	1	06/15/21 10:06	06/15/21 11:39	1330-20-7	
Surrogates								
Toluene-d8 (S)	98	%	80-120	1	06/15/21 10:06	06/15/21 11:39	2037-26-5	
4-Bromofluorobenzene (S)	108	%	80-120	1	06/15/21 10:06	06/15/21 11:39	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	80-120	1	06/15/21 10:06	06/15/21 11:39	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974 Pace Analytical Services - Kansas City							
Percent Moisture	**0.65**	%	0.50	1		06/11/21 10:43		
9056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City							
Chloride	**758**	mg/kg	105	10	06/14/21 09:07	06/14/21 11:49	16887-00-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: 212C-MD-02175
Pace Project No.: 60371900

QC Batch: 725513
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8015B
Analysis Description: Gasoline Range Organics
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60371900001, 60371900002

METHOD BLANK: 2915328 Matrix: Solid
Associated Lab Samples: 60371900001, 60371900002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-GRO	mg/kg	ND	10.0	06/13/21 19:02	
4-Bromofluorobenzene (S)	%	112	63-121	06/13/21 19:02	

LABORATORY CONTROL SAMPLE: 2915329

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-GRO	mg/kg	50	46.4	93	71-107	
4-Bromofluorobenzene (S)	%			161	63-121	1e

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2915330 2915331

Parameter	Units	60371582003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH-GRO	mg/kg	ND	53.5	54.2	47.3	47.5	87	86	29-143	0	26	
4-Bromofluorobenzene (S)	%						97	96	63-121			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: 212C-MD-02175
Pace Project No.: 60371900

QC Batch: 726312
QC Batch Method: EPA 5035A/5030
Analysis Method: EPA 8260B
Analysis Description: 8260 MSV 5035A Volatile Organics
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60371900001, 60371900002

METHOD BLANK: 2918256 Matrix: Solid
Associated Lab Samples: 60371900001, 60371900002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/kg	ND	5.0	06/15/21 10:20	
Ethylbenzene	ug/kg	ND	5.0	06/15/21 10:20	
Toluene	ug/kg	ND	5.0	06/15/21 10:20	
Xylene (Total)	ug/kg	ND	5.0	06/15/21 10:20	
1,2-Dichlorobenzene-d4 (S)	%	105	80-120	06/15/21 10:20	
4-Bromofluorobenzene (S)	%	107	85-115	06/15/21 10:20	
Toluene-d8 (S)	%	97	80-120	06/15/21 10:20	

LABORATORY CONTROL SAMPLE: 2918257

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	100	92.7	93	80-120	
Ethylbenzene	ug/kg	100	90.8	91	80-120	
Toluene	ug/kg	100	90.9	91	80-120	
Xylene (Total)	ug/kg	300	276	92	80-120	
1,2-Dichlorobenzene-d4 (S)	%			101	80-120	
4-Bromofluorobenzene (S)	%			98	85-115	
Toluene-d8 (S)	%			96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2918330 2918331

Parameter	Units	60371900002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	ND	100	98.6	75.3	80.0	75	81	35-120	6	35	
Ethylbenzene	ug/kg	ND	100	98.6	72.6	78.6	71	79	35-120	8	35	
Toluene	ug/kg	ND	100	98.6	75.5	80.5	71	78	35-120	6	35	
Xylene (Total)	ug/kg	ND	301	296	223	239	74	81	35-120	7	35	
1,2-Dichlorobenzene-d4 (S)	%						104	105	80-120		3	
4-Bromofluorobenzene (S)	%						103	103	85-115		20	
Toluene-d8 (S)	%						96	97	80-120		20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: 212C-MD-02175
Pace Project No.: 60371900

QC Batch: 725772
QC Batch Method: EPA 3546
Analysis Method: EPA 8015B
Analysis Description: EPA 8015B
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60371900001, 60371900002

METHOD BLANK: 2916539 Matrix: Solid
Associated Lab Samples: 60371900001, 60371900002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH-DRO (C10-C28)	mg/kg	ND	9.8	06/14/21 10:17	
TPH-ORO (C28-C35)	mg/kg	ND	9.8	06/14/21 10:17	
n-Tetracosane (S)	%	88	31-152	06/14/21 10:17	
p-Terphenyl (S)	%	103	46-130	06/14/21 10:17	

LABORATORY CONTROL SAMPLE: 2916540

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO (C10-C28)	mg/kg	82.9	71.6	86	74-124	
n-Tetracosane (S)	%			94	31-152	
p-Terphenyl (S)	%			104	46-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: 212C-MD-02175
Pace Project No.: 60371900

QC Batch: 725779
QC Batch Method: ASTM D2974
Analysis Method: ASTM D2974
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60371900001, 60371900002

METHOD BLANK: 2916597 Matrix: Solid
Associated Lab Samples: 60371900001, 60371900002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	06/11/21 10:42	

SAMPLE DUPLICATE: 2916598

Parameter	Units	60371900002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	0.65	0.75	14	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: 212C-MD-02175
Pace Project No.: 60371900

QC Batch: 726054
QC Batch Method: EPA 9056
Analysis Method: EPA 9056
Analysis Description: 9056 IC Anions
Laboratory: Pace Analytical Services - Kansas City
Associated Lab Samples: 60371900001, 60371900002

METHOD BLANK: 2917555 Matrix: Solid
Associated Lab Samples: 60371900001, 60371900002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/kg	ND	100	06/14/21 09:25	

LABORATORY CONTROL SAMPLE: 2917556

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/kg	500	459	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2917557 2917558

Parameter	Units	60371900001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/kg	ND	506	506	491	501	85	87	80-120	2	15	

SAMPLE DUPLICATE: 2917559

Parameter	Units	60371900002 Result	Dup Result	RPD	Max RPD	Qualifiers
Chloride	mg/kg	758	756	0	15	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALIFIERS

Project: 212C-MD-02175
Pace Project No.: 60371900

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1e	Surrogate recovery outside laboratory control limits. No further action was taken, since spike recovery was within QC limits.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 212C-MD-02175
Pace Project No.: 60371900

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60371900001	**WSW-1 (2')**	EPA 3546	725772	EPA 8015B	725888
60371900002	**FS-9**	EPA 3546	725772	EPA 8015B	725888
60371900001	**WSW-1 (2')**	EPA 5035A/5030B	725513	EPA 8015B	726018
60371900002	**FS-9**	EPA 5035A/5030B	725513	EPA 8015B	726018
60371900001	**WSW-1 (2')**	EPA 5035A/5030	726312	EPA 8260B	726341
60371900002	**FS-9**	EPA 5035A/5030	726312	EPA 8260B	726341
60371900001	**WSW-1 (2')**	ASTM D2974	725779		
60371900002	**FS-9**	ASTM D2974	725779		
60371900001	**WSW-1 (2')**	EPA 9056	726054	EPA 9056	726068
60371900002	**FS-9**	EPA 9056	726054	EPA 9056	726068

Pace Analytical www.pacelabs.com

Sample Condition Upon Receipt

WO# : 60371900

60371900

Client Name: Tetra Tech, Inc. Conoco Phillips

Courier: FedEx ☑ UPS ☐ VIA ☐ Clay ☐ PEX ☐ ECI ☐ Pace ☐ Xroads ☐ Client ☐ Other ☐

Tracking #: 8155 8629 9483 Pace Shipping Label Used? Yes ☐ No ☑

Custody Seal on Cooler/Box Present: Yes ☐ No ☑ Seals intact: Yes ☐ No ☐

Packing Material: Bubble Wrap ☐ Bubble Bags ☑ Foam ☐ None ☐ Other ☑ zplc

Thermometer Used: T298 Type of Ice: (Wet) Blue None

Cooler Temperature (°C): As-read 0.3 Corr. Factor 0.0 Corrected 0.3

Date and initials of person examining contents: 6/11 ML

Temperature should be above freezing to 6°C

Chain of Custody present:	☑Yes ☐No ☐N/A	
Chain of Custody relinquished:	☑Yes ☐No ☐N/A	
Samples arrived within holding time:	☑Yes ☐No ☐N/A	
Short Hold Time analyses (<72hr):	☐Yes ☑No ☐N/A	
Rush Turn Around Time requested:	☑Yes ☐No ☐N/A	24 hr.
Sufficient volume:	☑Yes ☐No ☐N/A	
Correct containers used:	☑Yes ☐No ☐N/A	
Pace containers used:	☐Yes ☑No ☐N/A	
Containers intact:	☑Yes ☐No ☐N/A	
Unpreserved 5035A / TX1005/1006 soils frozen in 48hrs?	☐Yes ☐No ☑N/A	
Filtered volume received for dissolved tests?	☐Yes ☐No ☑N/A	
Sample labels match COC: Date / time / ID / analyses	☑Yes ☑No ☐N/A	-no times on samples
Samples contain multiple phases? Matrix: SL	☐Yes ☑No ☐N/A	
Containers requiring pH preservation in compliance? (HNO_3, H_2SO_4, HCl<2; NaOH>9 Sulfide, NaOH>10 Cyanide) (Exceptions: VOA, Micro, O&G, KS TPH, OK-DRO) LOT#	☐Yes ☐No ☑N/A	List sample IDs, volumes, lot #'s of preservative and the date/time added.
Cyanide water sample checks: Lead acetate strip turns dark? (Record only)	☐Yes ☐No	
Potassium iodide test strip turns blue/purple? (Preserve)	☐Yes ☐No	
Trip Blank present:	☐Yes ☐No ☑N/A	
Headspace in VOA vials (>6mm):	☐Yes ☐No ☑N/A	
Samples from USDA Regulated Area: State: NM	☐Yes ☐No ☐N/A	Lea County
Additional labels attached to 5035A / TX1005 vials in the field?	☐Yes ☐No ☑N/A	

Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: _____

F-KS-C-003-Rev.11, February 28, 2018

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

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

U037 1900

Client Name:	Conoco Phillips	Site Manager:	Sam Abbott
Project Name:	MCA 108	Contact Info:	Email: sam.abbott@tetratech.com Phone: (512) 739-7874
Project Location: (county, state)	Lea County, New Mexico	Project #:	212C-MD-02175
Invoice to:	Accounts Payable 901 West Wall Street, Suite 100 Midland, Texas 79701		
Receiving Laboratory:	Pace Analytical	Sampler Signature:	John Thurston

Comments: COPTETRA Acctnum

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2021 DATE	SAMPLING TIME	MATRIX WATER	MATRIX SOIL	MATRIX	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	PRESERVATIVE METHOD NONE	PRESERVATIVE METHOD	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B BTEX 8260B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride 300.0	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	TPH 8015R	HOLD
	WSW-1 (2')	6/9/2021	9:20		X				X			1	N	X		X												X					
	FS-9	6/9/2021	9:25		X				X			1	N	X		X												X					

Relinquished by:	Date: 6/10/21	Time: 0900	Received by: 42; pf 1Pu
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by:

Date: 6-11-21 Time: 0905

LAB USE ONLY

Sample Temperature 0.3

REMARKS:

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

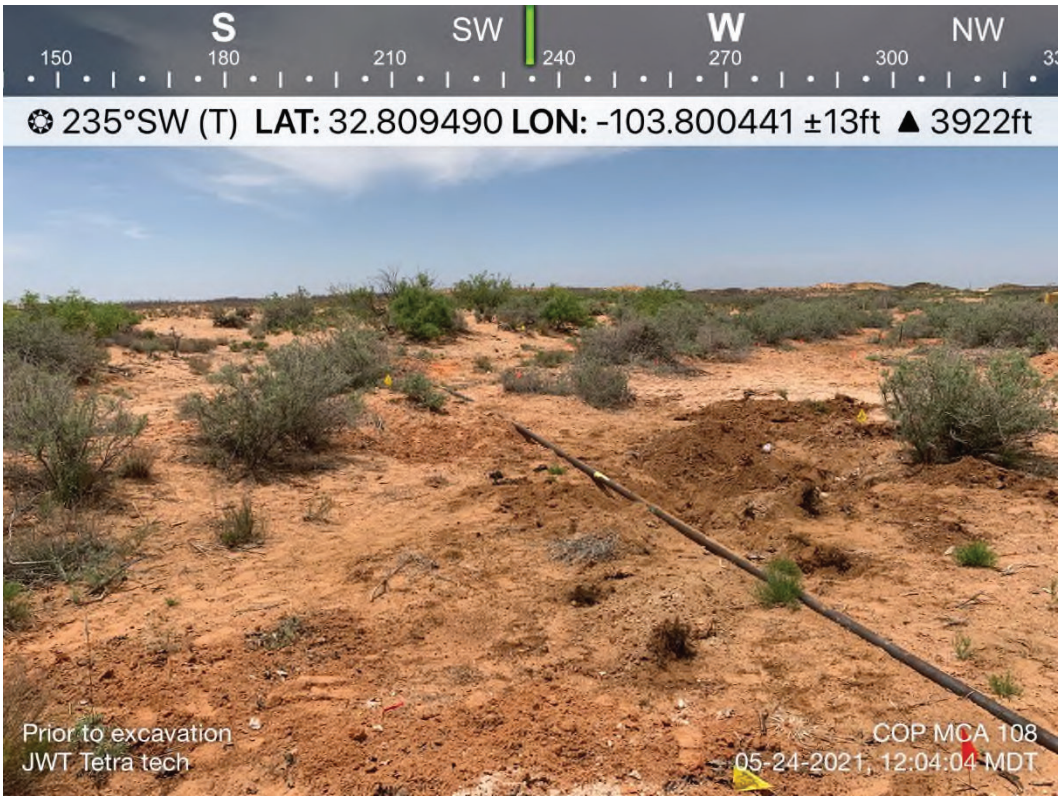
(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

ORIGINAL COPY

APPENDIX D
Photographic Documentation

TETRA TECH, INC. PROJECT NO. 212C-MD-02175	DESCRIPTION	View east northeast of the release area and marked buried lines.	1
	SITE NAME	ConocoPhillips MCA 108 Flowline Release	5/24/2021

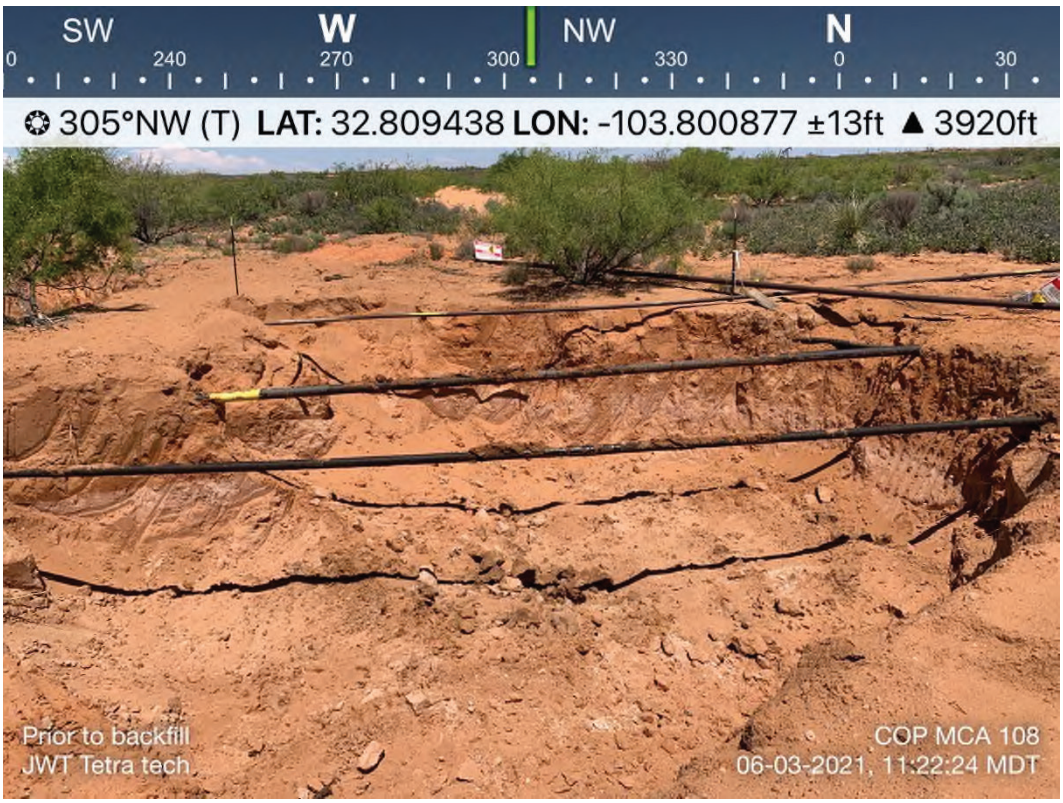
TETRA TECH, INC. PROJECT NO. 212C-MD-02175	DESCRIPTION	View west of the release area and marked buried lines.	2
	SITE NAME	ConocoPhillips MCA 108 Flowline Release	5/24/2021



TETRA TECH, INC. PROJECT NO. 212C-MD-02175	DESCRIPTION	View southwest of the release point and area.	3
	SITE NAME	ConocoPhillips MCA 108 Flowline Release	5/24/2021

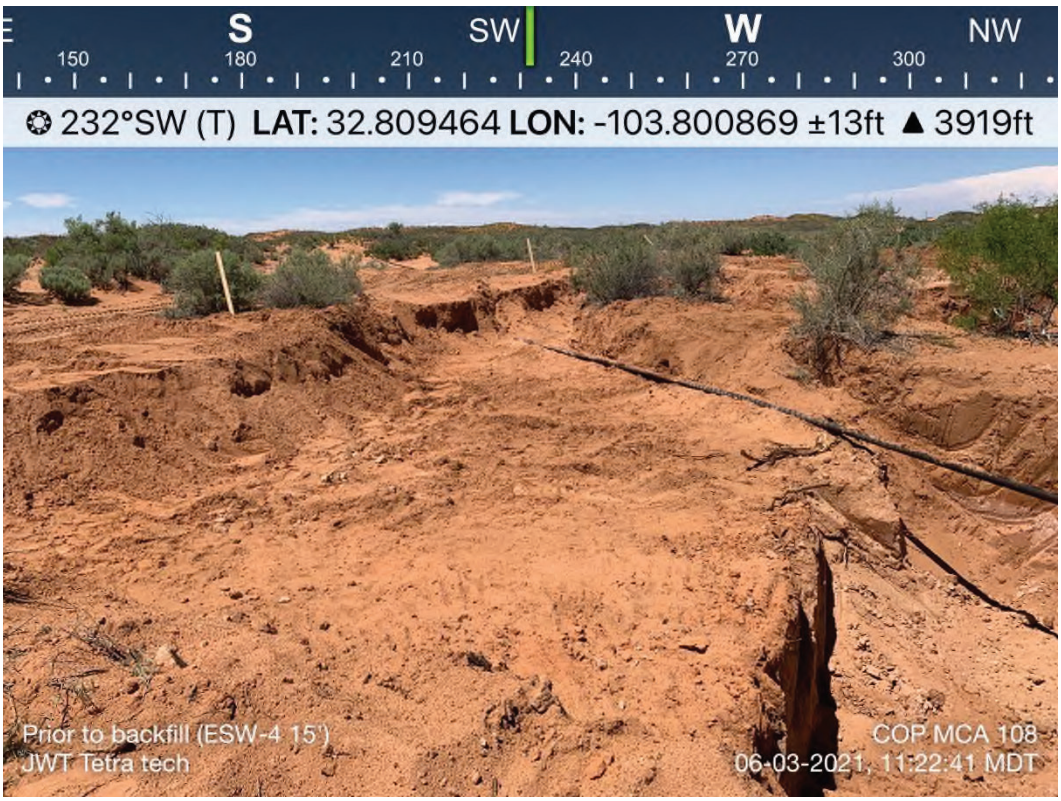
TETRA TECH, INC. PROJECT NO. 212C-MD-02175	DESCRIPTION	View northeast of the excavation at FS-10 (4').	4
	SITE NAME	ConocoPhillips MCA 108 Flowline Release	6/3/2021

TETRA TECH, INC. PROJECT NO. 212C-MD-02175	DESCRIPTION	View east of the excavation prior to backfill.	5
	SITE NAME	ConocoPhillips MCA 108 Flowline Release	6/3/2021



TETRA TECH, INC. PROJECT NO. 212C-MD-02175	DESCRIPTION	View northwest of the excavation prior to backfill.	6
	SITE NAME	ConocoPhillips MCA 108 Flowline Release	6/3/2021

TETRA TECH, INC. PROJECT NO. 212C-MD-02175	DESCRIPTION	View of the excavation prior to backfill, looking south.	7
	SITE NAME	ConocoPhillips MCA 108 Flowline Release	6/11/2021



TETRA TECH, INC. PROJECT NO. 212C-MD-02175	DESCRIPTION	View of the ESW-4 (15') extension area.	8
	SITE NAME	ConocoPhillips MCA 108 Flowline Release	6/11/2021

TETRA TECH, INC. PROJECT NO. 212C-MD-02175	DESCRIPTION	View south of the excavation at WSW-1 (2').	9
	SITE NAME	ConocoPhillips MCA 108 Flowline Release	6/11/2021

TETRA TECH, INC. PROJECT NO. 212C-MD-02175	DESCRIPTION	View east of the release site after backfilling.	10
	SITE NAME	ConocoPhillips MCA 108 Flowline Release	6/11/2021

APPENDIX E
Waste Manifests

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information

Name _____

Phone No. _____

NO. 510813

GENERATOR

Operator No. _____

Operators Name _____

Address _____

City, State, Zip _____

Phone No. _____

Permit/RRC No. _____

Lease/Well Name & No. _____

County _____

API No. _____

Rig Name & No. _____

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS		INJECTABLE WATERS	
Oil Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
Water Based Muds		Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)		Produced Water (Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Tank Bottoms		INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)	
E&P Contaminated Soil		Truck Washout (exempt waste)			
Gas Plant Waste					

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from **Non-Exempt Waste List** on back*

QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH

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 load is (Check the appropriate classification)

☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ 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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name _____

Address _____

Phone No. _____

Driver's Name _____

Print Name _____

Phone No. _____

Truck No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE _____ DRIVER'S SIGNATURE _____

TRUCK TIME STAMP IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA Name/No.

Site Name/ Permit No. Halfway Facility / NM1-006

Phone No. 575-393-1079

Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO

PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____

C-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

Company Man Contact Information

Name _____

Phone No. _____

GENERATOR

NO. 510814

Operator No. _____

Operators Name _____

Address _____

City, State, Zip _____

Phone No. _____

Permit/RRC No. _____

Lease/Well Name & No. _____

County _____

API No. _____

Rig Name & No. _____

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS		INJECTABLE WATERS	
Oil Based Cuttings		Washout Water (Non-Injectable)		Washout Water (Injectable)	
Water Based Muds		Completion Fluid/Flow back (Non-Injectable)		Completion Fluid/Flow back (Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)		Produced Water (Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
Tank Bottoms		INTERNAL USE ONLY		OTHER EXEMPT WASTES (type and generation process of the waste)	
E&P Contaminated Soil		Truck Washout (exempt waste)			
Gas Plant Waste					

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from **Non-Exempt Waste List** on back*

QUANTITY B - BARRELS L - LIQUID Y - YARDS E - EACH

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 load is (Check the appropriate classification)

☒ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ 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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

_____

☐ EMERGENCY NON-OILFEILD: Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a desciption of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS NAME _____ DATE _____ SIGNATURE _____

TRANSPORTER

Transporter's Name _____

Address _____

Phone No. _____

Driver's Name _____

Print Name _____

Phone No. _____

Truck No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____ DRIVER'S SIGNATURE _____ DELIVERY DATE _____ DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA Name/No.

Site Name/ Permit No. Halfway Facility / NM1-006

Phone No. 575-393-1079

Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES NO

PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT) _____ DATE _____ TITLE _____ SIGNATURE _____

C-138 White - R360 ORIGINAL Yellow - TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1213621
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	5/26/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	3	Well Ser. #:	00783
Manif. Date:	5/26/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	ACIE	Field:	
Truck #	M80	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0			0.00			

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: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	4
Manif. Date:	5/26/2021
Hauler:	MCNABB PARTNERS
Driver	FRANKIE
Truck #	M83
Card #	
Job Ref #	

Ticket #:	700-1213614
Bid #:	O6UJ9A000HH0
Date:	5/26/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0			0.00			

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1213811
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THUSTON	Date:	5/27/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	5	Well Ser. #:	00783
Manif. Date:	5/27/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	JOSH	Field:	
Truck #	M76	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0			0.00			

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	6
Manif. Date:	5/27/2021
Hauler:	MCNABB PARTNERS
Driver	JR
Truck #	M78
Card #	
Job Ref #	

Ticket #:	700-1213809
Bid #:	O6UJ9A000HH0
Date:	5/27/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0			0.00			

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01IUHV 5/27/2021 1:31:17PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	7
Manif. Date:	5/27/2021
Hauler:	MCNABB PARTNERS
Driver	JOE
Truck #	M80
Card #	
Job Ref #	

Ticket #:	700-1213810
Bid #:	O6UJ9A000HH0
Date:	5/27/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0			0.00			

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01IUHW 5/27/2021 1:34:11PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1213975
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	5/28/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	8	Well Ser. #:	00783
Manif. Date:	5/28/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	JR	Field:	
Truck #	M78	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0			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:

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1214005
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	5/28/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	9	Well Ser. #:	00783
Manif. Date:	5/28/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	JR	Field:	
Truck #	M78	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0			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:

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01IUXW 5/28/2021 9:58:55AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	10
Manif. Date:	5/28/2021
Hauler:	MCNABB PARTNERS
Driver	JR
Truck #	M78
Card #	
Job Ref #	

Ticket #:	700-1214027
Bid #:	O6UJ9A000HH0
Date:	5/28/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0			0.00			

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01IUZK 5/28/2021 11:45:20AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1214670
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/1/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	11	Well Ser. #:	00783
Manif. Date:	6/1/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	JOSH	Field:	
Truck #	M75	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0			2.00			

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1214671
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/1/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	12	Well Ser. #:	00783
Manif. Date:	6/1/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	JR	Field:	
Truck #	M78	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0			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:

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THUSTON
AFE #:	
PO #:	
Manifest #:	13
Manif. Date:	6/1/2021
Hauler:	MCNABB PARTNERS
Driver	GUMER
Truck #	M32
Card #	
Job Ref #	

Ticket #:	700-1214672
Bid #:	O6UJ9A000HH0
Date:	6/1/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0			0.00			

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01IWDY 6/1/2021 8:22:19AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1214705
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/1/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	14	Well Ser. #:	00783
Manif. Date:	6/1/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	JOSH	Field:	
Truck #	M75	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0			2.00			

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1214708
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/1/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	15	Well Ser. #:	00783
Manif. Date:	6/1/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	JR	Field:	
Truck #	M78	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0			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:

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1214709
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/1/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	16	Well Ser. #:	00783
Manif. Date:	6/1/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	GUMER	Field:	
Truck #	M32	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0			0.00			

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	17
Manif. Date:	6/1/2021
Hauler:	MCNABB PARTNERS
Driver	JOSH
Truck #	M75
Card #	
Job Ref #	

Ticket #:	700-1214737
Bid #:	O6UJ9A000HH0
Date:	6/1/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0			0.00			

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01IWLE 6/1/2021 2:00:32PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	18
Manif. Date:	6/1/2021
Hauler:	MCNABB PARTNERS
Driver	JR
Truck #	M78
Card #	
Job Ref #	

Ticket #:	700-1214739
Bid #:	O6UJ9A000HH0
Date:	6/1/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18 ~~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			0.00			

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01IWLG 6/1/2021 2:05:32PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	19
Manif. Date:	6/1/2021
Hauler:	MCNABB PARTNERS
Driver	GUMER
Truck #	M32
Card #	
Job Ref #	

Ticket #:	700-1214740
Bid #:	O6UJ9A000HH0
Date:	6/1/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0			0.00			

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: _____

t6UJ9A01IWLI 6/1/2021 2:08:21PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1214883
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/2/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	20	Well Ser. #:	00783
Manif. Date:	6/2/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	JOSH	Field:	
Truck #	M75	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	21
Manif. Date:	6/2/2021
Hauler:	MCNABB PARTNERS
Driver	JOSH
Truck #	M75
Card #	
Job Ref #	

Ticket #:	700-1214895
Bid #:	O6UJ9A000HH0
Date:	6/2/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	22
Manif. Date:	6/2/2021
Hauler:	MCNABB PARTNERS
Driver	JOE
Truck #	M81
Card #	
Job Ref #	

Ticket #:	700-1214909
Bid #:	O6UJ9A000HH0
Date:	6/2/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

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: _____

t6UJ9A01IWX5 6/2/2021 11:12:12AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1214931
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/2/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	23	Well Ser. #:	00783
Manif. Date:	6/2/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	JOE	Field:	
Truck #	M81	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

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

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1214949
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/2/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	24	Well Ser. #:	00783
Manif. Date:	6/2/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	JOE	Field:	
Truck #	M81	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

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

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1214953
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/2/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	25	Well Ser. #:	00783
Manif. Date:	6/2/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	JOSH	Field:	
Truck #	M75	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	26
Manif. Date:	6/2/2021
Hauler:	MCNABB PARTNERS
Driver	URIEL
Truck #	M82
Card #	
Job Ref #	

Ticket #:	700-1214968
Bid #:	O6UJ9A000HH0
Date:	6/2/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1215099
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/3/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	27	Well Ser. #:	00783
Manif. Date:	6/3/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	JOASH	Field:	
Truck #	M75	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01IXCO 6/3/2021 11:17:11AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1215117
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/3/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	28	Well Ser. #:	00783
Manif. Date:	6/3/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	JOSH	Field:	
Truck #	M75	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01IXDR 6/3/2021 12:54:08PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	29
Manif. Date:	6/3/2021
Hauler:	MCNABB PARTNERS
Driver	JOSH
Truck #	M75
Card #	
Job Ref #	

Ticket #:	700-1215145
Bid #:	O6UJ9A000HH0
Date:	6/3/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	30
Manif. Date:	6/4/2021
Hauler:	MCNABB PARTNERS
Driver	JESUS
Truck #	M33
Card #	
Job Ref #	

Ticket #:	700-1215309
Bid #:	O6UJ9A000HH0
Date:	6/4/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

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: _____

t6UJ9A01IXQ9

6/4/2021 8:24:35AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	31
Manif. Date:	6/4/2021
Hauler:	MCNABB PARTNERS
Driver	JR
Truck #	M78
Card #	
Job Ref #	

Ticket #:	700-1215307
Bid #:	O6UJ9A000HH0
Date:	6/4/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

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: _____

t6UJ9A01IXQ6 6/4/2021 8:18:57AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	32
Manif. Date:	6/4/2021
Hauler:	MCNABB PARTNERS
Driver	DANIEL
Truck #	M76
Card #	
Job Ref #	

Ticket #:	700-1215310
Bid #:	O6UJ9A000HH0
Date:	6/4/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards 18 yards

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: _____

t6UJ9A01IXQB 6/4/2021 8:26:25AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	33
Manif. Date:	6/4/2021
Hauler:	MCNABB PARTNERS
Driver	ACIE
Truck #	M83
Card #	
Job Ref #	

Ticket #:	700-1215313
Bid #:	O6UJ9A000HH0
Date:	6/4/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

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: _____

t6UJ9A01IXQJ 6/4/2021 8:41:01AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	34
Manif. Date:	6/4/2021
Hauler:	MCNABB PARTNERS
Driver	JOHN
Truck #	M75
Card #	
Job Ref #	

Ticket #:	700-1215317
Bid #:	O6UJ9A000HH0
Date:	6/4/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

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: _____

t6UJ9A01IXQY 6/4/2021 9:01:38AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	35
Manif. Date:	6/4/2021
Hauler:	MCNABB PARTNERS
Driver	JR
Truck #	M78
Card #	
Job Ref #	

Ticket #:	700-1215328
Bid #:	O6UJ9A000HH0
Date:	6/4/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

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: _____

t6UJ9A01IXRN 6/4/2021 10:02:40AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	36
Manif. Date:	6/4/2021
Hauler:	MCNABB PARTNERS
Driver	JESUS
Truck #	M33
Card #	
Job Ref #	

Ticket #:	700-1215330
Bid #:	O6UJ9A000HH0
Date:	6/4/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

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: _____

t6UJ9A01IXRQ 6/4/2021 10:07:18AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	37
Manif. Date:	6/4/2021
Hauler:	MCNABB PARTNERS
Driver	DANIEL
Truck #	M76
Card #	
Job Ref #	

Ticket #:	700-1215332
Bid #:	O6UJ9A000HH0
Date:	6/4/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

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: _____

t6UJ9A01IXRS 6/4/2021 10:11:48AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1215338
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/4/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	38	Well Ser. #:	00783
Manif. Date:	6/4/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	ACIE	Field:	
Truck #	M83	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1215362
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/4/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	39	Well Ser. #:	00783
Manif. Date:	6/4/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	JR	Field:	
Truck #	M78	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	40
Manif. Date:	6/4/2021
Hauler:	MCNABB PARTNERS
Driver	JESUS
Truck #	M33
Card #	
Job Ref #	

Ticket #:	700-1215363
Bid #:	O6UJ9A000HH0
Date:	6/4/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

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: _____

t6UJ9A01IXU1 6/4/2021 11:47:11AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1215365
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/4/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	41	Well Ser. #:	00783
Manif. Date:	6/4/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	DANIEL	Field:	
Truck #	M76	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

18 yds

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

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Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1215376
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/4/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	42	Well Ser. #:	00783
Manif. Date:	6/4/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	ACIE	Field:	
Truck #	M83	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	1820.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	43
Manif. Date:	6/7/2021
Hauler:	MCNABB PARTNERS
Driver	JR
Truck #	M78
Card #	
Job Ref #	

Ticket #:	700-1215807
Bid #:	O6UJ9A000HH0
Date:	6/7/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1215805
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/7/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	44	Well Ser. #:	00783
Manif. Date:	6/7/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	JOSH	Field:	
Truck #	M75	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1215838
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/7/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	45	Well Ser. #:	00783
Manif. Date:	6/7/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	JOSH	Field:	
Truck #	M75	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

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: _____

t6UJ9A01IYVD 6/7/2021 9:47:53AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	46
Manif. Date:	6/7/2021
Hauler:	MCNABB PARTNERS
Driver	JR
Truck #	M78
Card #	
Job Ref #	

Ticket #:	700-1215844
Bid #:	O6UJ9A000HH0
Date:	6/7/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

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: _____

t6UJ9A01IYVJ 6/7/2021 9:53:46AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	47
Manif. Date:	6/7/2021
Hauler:	MCNABB PARTNERS
Driver	JOSH
Truck #	M75
Card #	
Job Ref #	

Ticket #:	700-1215921
Bid #:	O6UJ9A000HH0
Date:	6/7/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01IYZ9

6/7/2021 11:50:21AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	48
Manif. Date:	6/7/2021
Hauler:	MCNABB PARTNERS
Driver	JR
Truck #	M78
Card #	
Job Ref #	

Ticket #:	700-1215924
Bid #:	O6UJ9A000HH0
Date:	6/7/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	49
Manif. Date:	6/7/2021
Hauler:	MCNABB PARTNERS
Driver	JOSH
Truck #	M75
Card #	
Job Ref #	

Ticket #:	700-1215947
Bid #:	O6UJ9A000HH0
Date:	6/7/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

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: _____

t6UJ9A01IZ0W

6/7/2021 2:03:14PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1215948
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/7/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	50	Well Ser. #:	00783
Manif. Date:	6/7/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	JR	Field:	
Truck #	M78	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1216078
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/8/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	51	Well Ser. #:	00783
Manif. Date:	6/8/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	JOSH	Field:	
Truck #	M75	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

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: _____

t6UJ9A01IZAG 6/8/2021 8:02:07AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	52
Manif. Date:	6/8/2021
Hauler:	MCNABB PARTNERS
Driver	GUMER
Truck #	M32
Card #	
Job Ref #	

Ticket #:	700-1216079
Bid #:	O6UJ9A000HH0
Date:	6/8/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

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: _____

t6UJ9A01IZAK 6/8/2021 8:04:23AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	53
Manif. Date:	6/8/2021
Hauler:	MCNABB PARTNERS
Driver	JOSH
Truck #	M75
Card #	
Job Ref #	

Ticket #:	700-1216096
Bid #:	O6UJ9A000HH0
Date:	6/8/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

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: _____

t6UJ9A01IZCP 6/8/2021 9:30:53AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1216097
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/8/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	54	Well Ser. #:	00783
Manif. Date:	6/8/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	GUMER	Field:	
Truck #	M32	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

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: _____

t6UJ9A01IZCR 6/8/2021 9:32:35AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	55
Manif. Date:	6/8/2021
Hauler:	MCNABB PARTNERS
Driver	JOSH
Truck #	M75
Card #	
Job Ref #	

Ticket #:	700-1216131
Bid #:	O6UJ9A000HH0
Date:	6/8/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

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: _____

t6UJ9A01IZFL 6/8/2021 11:58:09AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	56
Manif. Date:	6/8/2021
Hauler:	MCNABB PARTNERS
Driver	GUMER
Truck #	M32
Card #	
Job Ref #	

Ticket #:	700-1216133
Bid #:	O6UJ9A000HH0
Date:	6/8/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

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: _____

t6UJ9A01IZFQ 6/8/2021 12:03:35PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	57
Manif. Date:	6/8/2021
Hauler:	MCNABB PARTNERS
Driver	JOSH
Truck #	M75
Card #	
Job Ref #	

Ticket #:	700-1216160
Bid #:	O6UJ9A000HH0
Date:	6/8/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

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: _____

t6UJ9A01IZHP 6/8/2021 1:59:50PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	58
Manif. Date:	6/8/2021
Hauler:	MCNABB PARTNERS
Driver	GUMER
Truck #	M32
Card #	
Job Ref #	

Ticket #:	700-1216161
Bid #:	O6UJ9A000HH0
Date:	6/8/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

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: _____

t6UJ9A01IZHR 6/8/2021 2:01:30PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	59
Manif. Date:	6/9/2021
Hauler:	MCNABB PARTNERS
Driver	GUMER
Truck #	M32
Card #	
Job Ref #	

Ticket #:	700-1216297
Bid #:	O6UJ9A000HH0
Date:	6/9/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

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: _____

t6UJ9A01IZQZ 6/9/2021 8:15:18AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1216323
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/9/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	60	Well Ser. #:	00783
Manif. Date:	6/9/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	GUMER	Field:	
Truck #	M32	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

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: _____

t6UJ9A01IZSX 6/9/2021 9:47:14AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	61
Manif. Date:	6/9/2021
Hauler:	MCNABB PARTNERS
Driver	GUMER
Truck #	M32
Card #	
Job Ref #	

Ticket #:	700-1216353
Bid #:	O6UJ9A000HH0
Date:	6/9/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

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: _____

t6UJ9A01IZV0 6/9/2021 11:47:09AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1216385
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/9/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	62	Well Ser. #:	00783
Manif. Date:	6/9/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	GUMER	Field:	
Truck #	M32	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

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: _____

t6UJ9A01IZXL 6/9/2021 2:01:53PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	63
Manif. Date:	6/10/2021
Hauler:	MCNABB PARTNERS
Driver	GUMER
Truck #	M32
Card #	
Job Ref #	

Ticket #:	700-1216562
Bid #:	O6UJ9A000HH0
Date:	6/10/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

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: _____

t6UJ9A01J0C6 6/10/2021 9:06:08AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1216563
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/10/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	64	Well Ser. #:	00783
Manif. Date:	6/10/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	JOE	Field:	
Truck #	M31	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

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: _____

t6UJ9A01J0C9 6/10/2021 9:08:00AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	65
Manif. Date:	6/10/2021
Hauler:	MCNABB PARTNERS
Driver	TONY
Truck #	M02
Card #	
Job Ref #	

Ticket #:	700-1216564
Bid #:	O6UJ9A000HH0
Date:	6/10/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	10.00 yards

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: _____

t6UJ9A01J0CD 6/10/2021 9:09:35AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1216578
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/10/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	66	Well Ser. #:	00783
Manif. Date:	6/10/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	JOE	Field:	
Truck #	M31	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

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: _____

t6UJ9A01J0EI 6/10/2021 11:17:22AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	67
Manif. Date:	6/10/2021
Hauler:	MCNABB PARTNERS
Driver	GUMER
Truck #	M32
Card #	
Job Ref #	

Ticket #:	700-1216576
Bid #:	O6UJ9A000HH0
Date:	6/10/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

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: _____

t6UJ9A01J0EG 6/10/2021 11:09:34AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1216577
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/10/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	68	Well Ser. #:	00783
Manif. Date:	6/10/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	TONY	Field:	
Truck #	M02	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	10.00 yards

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: _____

t6UJ9A01J0EH 6/10/2021 11:11:05AM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1216608
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/10/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	69	Well Ser. #:	00783
Manif. Date:	6/10/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	JESSE	Field:	
Truck #	M82	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

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: _____

t6UJ9A01J0GK 6/10/2021 1:09:37PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1216610
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/10/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	70	Well Ser. #:	00783
Manif. Date:	6/10/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	GUMER	Field:	
Truck #	M32	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

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

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Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	71
Manif. Date:	6/10/2021
Hauler:	MCNABB PARTNERS
Driver	TONY
Truck #	M02
Card #	
Job Ref #	

Ticket #:	700-1216611
Bid #:	O6UJ9A000HH0
Date:	6/10/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	9.00 yards

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

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Approved By: _____ Date: _____

t6UJ9A01J0GN 6/10/2021 1:16:38PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1216614
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/10/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	72	Well Ser. #:	00783
Manif. Date:	6/10/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	JOE	Field:	
Truck #	M31	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

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

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Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1216638
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/10/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	73	Well Ser. #:	00783
Manif. Date:	6/10/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	URIEL	Field:	
Truck #	M80	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

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

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	74
Manif. Date:	6/10/2021
Hauler:	MCNABB PARTNERS
Driver	GUMER
Truck #	M32
Card #	
Job Ref #	

Ticket #:	700-1216666
Bid #:	O6UJ9A000HH0
Date:	6/10/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

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

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Approved By: _____ Date: _____

t6UJ9A01J0JA 6/10/2021 3:39:45PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	JOHN THURSTON
AFE #:	
PO #:	
Manifest #:	75
Manif. Date:	6/10/2021
Hauler:	MCNABB PARTNERS
Driver	JOE
Truck #	M31
Card #	
Job Ref #	

Ticket #:	700-1216668
Bid #:	O6UJ9A000HH0
Date:	6/10/2021
Generator:	CONOCOPHILLIPS
Generator #:	
Well Ser. #:	00783
Well Name:	MCA UNIT
Well #:	108
Field:	
Field #:	
Rig:	NON-DRILLING
County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

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

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Approved By: _____ Date: _____

t6UJ9A01J0JF 6/10/2021 3:49:09PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1216784
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/11/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	76	Well Ser. #:	00783
Manif. Date:	6/11/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	JOE	Field:	
Truck #	M31	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

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

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1216816
Customer #:	CRI2190	Bid #:	O6UJ9A000HH0
Ordered by:	JOHN THURSTON	Date:	6/11/2021
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	
Manifest #:	77	Well Ser. #:	00783
Manif. Date:	6/11/2021	Well Name:	MCA UNIT
Hauler:	MCNABB PARTNERS	Well #:	108
Driver	JOE	Field:	
Truck #	M31	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

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: _____

t6UJ9A01J0XT 6/11/2021 11:33:32AM

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 36113

CONDITIONS

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 36113
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bhall	None	9/16/2022