

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-

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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.

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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

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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

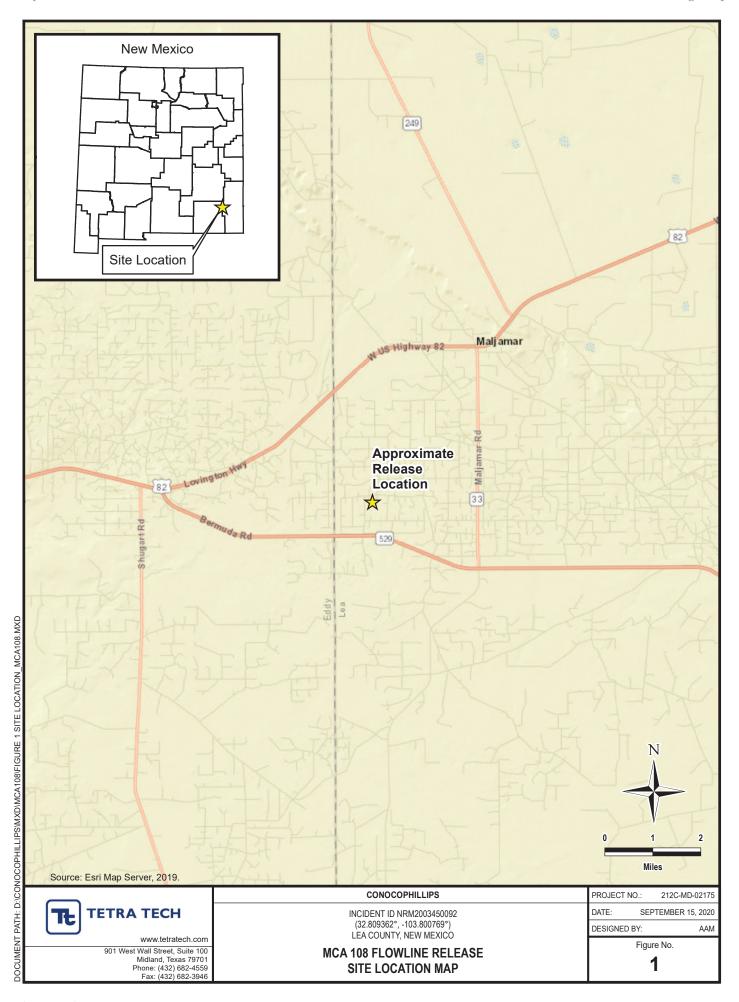
Appendix B – Site Characterization Data

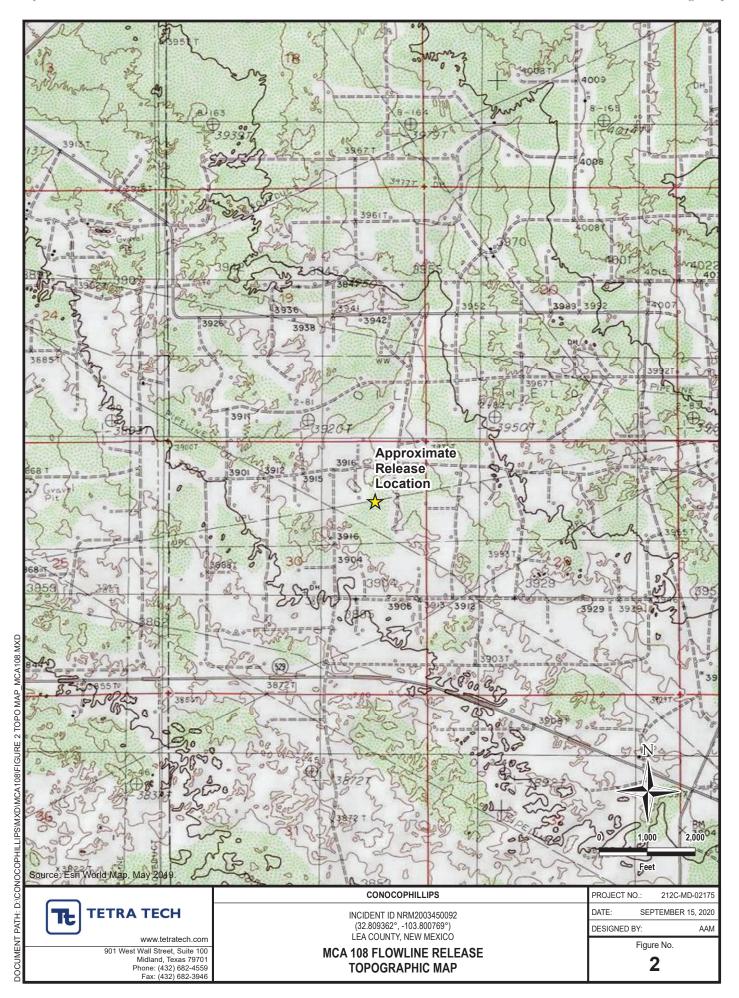
Appendix C - Laboratory Analytical Data

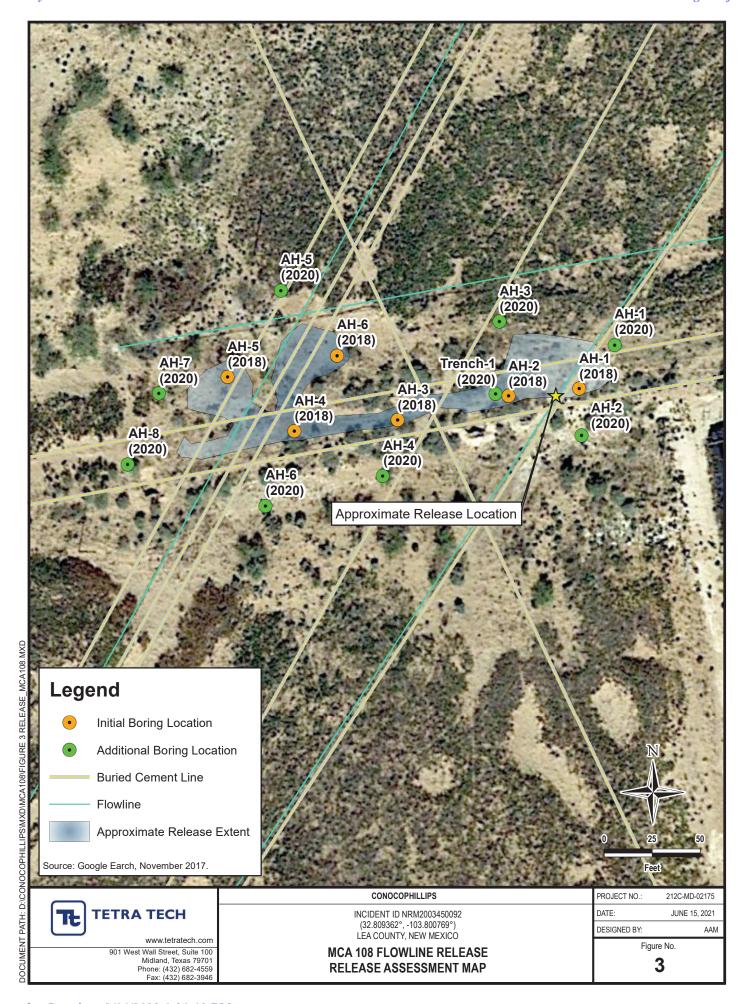
Appendix D – Photographic Documentation

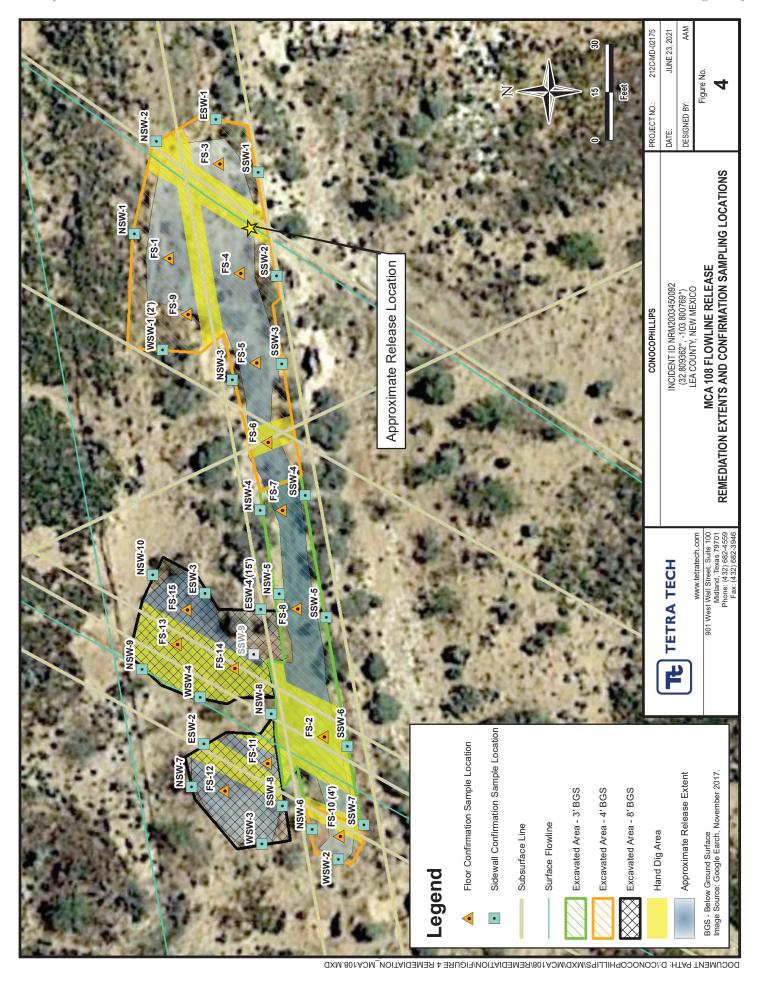
Appendix E - Waste Manifests

FIGURES









TABLES

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

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QUALIFIERS:

Total Petroleum Hydrocarbons

Not analyzed

Gasoline range organics Diesel range organics Oil range organics

NA TPH GRO DRO ORO

bgs Below ground surface ppm Parts per million mg/kg Milligrams per kilogram

Feet

31. The LCS was not splied due to laboratory error. See case narrative for details.

M1 Matrix splie errorwy exceeded Climits. Barch accepted based on laboratory control sample (LCS) recovery.

M2. The lab does not lot MELACTM accepted for this parameter.

R1. RNO barde was outside control limits.

Page 1 of 1

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

Probation of the			:	Pield Coun	nine Describe						BTEX ²	EX ²							трн³			
10,000 10,000	OI classes	open clames	Sample Depth Interval	rield Scree	ming nesuns		_	Ronzono		Tolione	Ethylk	00000	V letoT	anop.	Total BTEV	GRO ⁴	IO	DRO	0	ORO	Н	Total TPH
6 (1) (1)<	Sample ID	Sample Date		Chloride	Ш			pelizerie		Oldelle	ELIIYIL	allozilla	Iorai	yielles	lotal BIEA	C ₃ - C ₁₀	C ₁₀ - C ₂₈	. C ₂₈	C21	C28- C40	9	(GRO+DRO+ORO)
14			ft. bgs	d	bm md	mg/kg	Ö	mg/kg	Q								Q mg/kg		Q mg/kg	s e	Q	mg/kg
43 7 580 144 CRONDI CRONDI <t< td=""><td></td><td></td><td>0-1</td><td></td><td>> 900</td><td>356</td><td></td><td>< 0.00101</td><td></td><td></td><td></td><td>72</td><td>0.183</td><td></td><td>0.192</td><td>8.55</td><td>11000</td><td>_</td><td>11700</td><td>00</td><td></td><td>22709</td></t<>			0-1		> 900	356		< 0.00101				72	0.183		0.192	8.55	11000	_	11700	00		22709
(NATA) (4.5) (7.5) (8.0) (1.00			2-3		> 900	144		< 0.00973		< 0.0487	< 0.02	13	0.444	_	0.444	46.6	3040		1950	0		5037
9470 647 647 649 649 6400078 6400078 6400078 6400078 6400078 6400078 6400078 6400078 6400078 6400079			4-5		969	629		< 0.00109		< 0.00546	< 0.002	73	< 0.007	.10	٠	0.449	724		695	_		1293
9/1/10/10/10/10/10/10/10/10/10/10/10/10/1			2-9		169	1590		< 0.00112		< 0.00558	< 0.002	79	< 0.007.	.56	٠		T.77 l		121	_		199
4/1/20 12.1 901 21.2 644 60011 6,00032	T-1	5/8/2020	9-10	1350	64.1	1020		< 0.00114		< 0.00568	< 0.002	84	< 0.007.	38	,	< 0.114	3.73		J 4.37		BJ	8.10
5/1/2000 61.15 7.9 1.8 7.9 0.000011 0.000050			12-13	901	221	644		< 0.00111		< 0.00557	< 0.002	79	< 0.007.	24	,				189			353
1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,			14-15		145	793		< 0.00111		< 0.00556	< 0.002	78	< 0.007.	23	,	< 0.111	35.5		49.8			85.3
5/1/2000 61.0 63.0 6.00001 6.000050 6.00			17-18		27.1	764		< 0.00107		< 0.00535	< 0.002	29	< 0.006.	95	,	< 0.107	112		114	_		226
9/1/2000 6.1 2.14 4.3 6.201 6.00034 <td></td> <td></td> <td>19-20</td> <td></td> <td>12.0</td> <td>828</td> <td>Ą</td> <td>< 0.00107</td> <td></td> <td>< 0.00535</td> <td>< 0.002</td> <td>29</td> <td>> 0.006</td> <td>95</td> <td></td> <td>H</td> <td>J 32.0</td> <td>Н</td> <td>42.6</td> <td>.0</td> <td>Н</td> <td>74.6</td>			19-20		12.0	828	Ą	< 0.00107		< 0.00535	< 0.002	29	> 0.006	95		H	J 32.0	Н	42.6	.0	Н	74.6
\$1/1000 45 310 < 0,000107 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 < 0,000240 <			0-1	22.4	4.3	< 20.1	F	< 0.00101	E	< 0.00503	< 0.002	52	< 0.006:	54	,	< 0.101	4.66	r	8.34		H	13.0
5/1/2020 6.01 4.5 4.7 4.20 4.00004 6.00005 <td>AH-1</td> <td>5/7/2020</td> <td>2-3</td> <td>97.1</td> <td>4.5</td> <td>33.0</td> <td></td> <td>< 0.00107</td> <td></td> <td>< 0.00534</td> <td>< 0.002</td> <td>29</td> <td>< 0.006</td> <td>94</td> <td></td> <td>< 0.107</td> <td>4.24</td> <td></td> <td>J 5.87</td> <td>_</td> <td></td> <td>10.1</td>	AH-1	5/7/2020	2-3	97.1	4.5	33.0		< 0.00107		< 0.00534	< 0.002	29	< 0.006	94		< 0.107	4.24		J 5.87	_		10.1
5/1/2020 6.1 37.3 4.1 <ab days<="" th=""> <a> <ab days<="" th=""> <ab days<="" th=""></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab></ab>			4-5	72.4	4.7	< 20.7	A	< 0.00104		< 0.00519	< 0.002	59	900'0 >	74		< 0.104	< 4.15		0.559	6	_	0.559
\$//2004 45 46 <18.5 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000 < 6,0000			0-1	37.3	4.1	< 20.7	F	< 0.00104	E	< 0.00518	< 0.002	59	> 0.006	73		< 0.104	3.78	r	J 11.7		H	15.5
4.5 313 5.8 341 control	AH-2	5/7/2020	2-3	71.5	4.6	< 19.5		< 0.00104		< 0.00521	< 0.002	61	< 0.006	78		< 0.104	< 4.17		5.03			5.03
5/7/2020 2.3 5.34 4.6 1.21 < < 0.0010.1 < < 0.00251 < 0.00654 < < 0.00654 < < 0.0010.2 5/7/2020 4.5 5.14 4.6 1.21 < < 0.0010.3			4-5	313	5.8	141		< 0.00107		< 0.00533	< 0.002	29.	< 0.006	93	,	< 0.107	2.83		J 17.9	6	Н	20.7
\$1/7000 2.3 534 4.6 121 < c.000164 < c.00053 < c.000659 < c.000659<			0-1	37.1	4.1	< 20.1	F	< 0.00101	E	< 0.00503	< 0.002	51	< 0.006	54		< 0.101	5.90	r	16.0		H	21.9
5/7/2020 6.01 4.5 167 6.00105 6.000504 6.000505 9.000505 9.000505 9.000505 9.000505 9.000505 9.000505 9.000505 9.000505 </td <td>AH-3</td> <td>5/7/2020</td> <td>2-3</td> <td>534</td> <td>4.6</td> <td>121</td> <td></td> <td>< 0.00104</td> <td></td> <td>< 0.00521</td> <td>< 0.002</td> <td>61</td> <td>< 0.006</td> <td>77</td> <td></td> <td>< 0.104</td> <td>2.29</td> <td></td> <td>J 6.13</td> <td></td> <td></td> <td>8.42</td>	AH-3	5/7/2020	2-3	534	4.6	121		< 0.00104		< 0.00521	< 0.002	61	< 0.006	77		< 0.104	2.29		J 6.13			8.42
\$1/7020 0-1 214 3.6 < 2011 < < 0,000504 < 0,00022 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025 < 0,00025			4-5	517	4.5	167	A	< 0.00105	Ħ	< 0.00527	< 0.002	63	< 0.006	82		< 0.105	1.96	H	J 8.10	0	Н	10.1
\$1/7000 23 91.9 3.4 < 4112 < 6,00112 < 6,00560 < 6,00729 < 6,00729 < 6,0112 < 6,00112 < 6,00560 < 6,00729 < 6,0112 < 6,00112 < 6,00560 < 6,00729 < 6,00729 < 6,0112 < 6,0112 < 6,0010 < 6,00560 < 6,00729 < 6,00729 < 6,00729 < 6,0102 < 6,0010 < 6,00560 < 6,00529 < 6,00650 < 6,00650 < 6,00650 < 6,00650 < 6,00650 < 6,0102 < 6,0010 < 6,00529 < 6,00652 < 6,0102 < 6,0102 < 6,0010 < 6,00524 < 6,00652 < 6,0102 < 6,0010 < 6,00524 < 6,00652 < 6,0102 < 6,0052 < 6,00652 < 6,0102 < 6,0052 < 6,00652 < 6,0102 < 6,0052 < 6,00652 < 6,0052 < 6,0102 < 6,0052 < 6,0052 < 6,0052 < 6,0052 < 6,0052 < 6,0052 < 6,0052 < 6,0052 < 6,0052 < 6,0052 < 6,0052 < 6,0052 < 6,0052 < 6,0052 < 6,0052 < 6,0052 < 6,0052 < 6,0052 < 6,0052 < 6,0052			0-1	21.4	3.6	< 20.1	F	< 0.00101	E	< 0.00504	< 0.002	52	< 0.006:	55		< 0.101	< 4.03	L	3.78	_	Ŀ	3.78
445 412 3.6 < < 21.2 < < < < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < > < < < > < < > < < > < < > < < > < < > < < < > < < > < < < > < < < < > < < < > < < < < > < < < < > < < < < > < < < < > < < < < > < < < < < < > < < < < < < > < < < < < > < < < < < > < < < < < < < < > < < < < < < > < < < < < < < < > < < < < < < > < < < < < < < < < < > < < < < < < < < < > < < < < < < < < < < < < > < < < < < < < < < < < < < < > < < < < < < < < < < < < < < < < < < < <	AH-4	5/7/2020	2-3	91.9	3.4	< 112		< 0.00112		< 0.00560	< 0.002	80	< 0.007.	53	,	< 0.112	6.58		2.63		В	9.21
5/7/2020 2.3 38.1 4.4 < 2.0.1 < < 0.00010.1 < < 0.000504 < 0.000524 < 0.000652 < < 0.01007 < < 0.1007 5/7/2020 2.3 2.44 3.8 < 2.04			4-5	41.2	3.6	< 21.2		< 0.00106		< 0.00530	< 0.002	59.	< 0.006	68	,	< 0.106	2.06		J 3.39	6	_	5.45
\$1/7000 23 244 38 < 204 0.00010 0.00050 0.00053 0.000663 0.000663 0.000663 0.000663 0.000663 0.00000 0.00000 0.00050 0.000663 0.000663 0.000000 0.000000 0.000000 0.000000 0.0			0-1	38.1	4.4	< 20.1	F	< 0.00101	E	< 0.00504	< 0.002	52	< 0.006:	55		< 0.101	13.7	r	25.6		H	39.3
10 10 10 10 10 10 10 10	AH-5	5/7/2020	2-3	24.4	3.8	< 20.4		< 0.00102		< 0.00509	< 0.002	54	< 0.006	62	,	< 0.102	2.03		J 3.35	10	_	5.38
\$1/1000 0-1 194 5.3 < 200.2 < 0.000101 < 0.000505 < 0.000555 < 0.00246 0.0240 1 \$1/1000 2.3 3.14 2.9 < 24.1			4-5	45.2	4.1	< 20.4	A	< 0.00102		< 0.00510	< 0.002	.55	< 0.006	63		< 0.102	11.1		19.0	0	\dashv	30.1
\$1/7020 2.3 3.14 2.9 < 24.1 < 6,000121 < 6,000560 < 6,000362 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,000363 < 6,00			0-1	19.4	5.3	< 20.2	F	< 0.00101	E	< 0.00505	< 0.002	52	< 0.006:	99	ļ	H	J 21.6	r	58.1		H	7.67
445 447 2.0 < < 100 < < 0.00056 < < 0.000689 < < 0.000689 < < 0.000689 < < 0.000689 < < 0.00069 < < 0.00069 < < 0.00076 < < 0.00076 < < 0.00076 < < 0.00076 < < 0.00076 < < 0.00076 < < 0.00076 < < 0.00076 < < 0.00076 < < 0.00076 < < 0.00076 < < 0.00076 < < 0.00076 < < 0.00077 < < 0.00077 < < 0.00077 < < 0.00077 < < 0.00077 < < 0.00077 < < 0.00077 < < 0.00077 < < 0.00077 < < 0.0007 < < 0.0007 < < 0.00077 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 < < 0.0007 <	AH-6	5/7/2020	2-3	31.4	2.9	< 24.1		< 0.00121		< 0.00604	< 0.003	-02	< 0.007.	.85		Н	J < 4.83	_	2.84		ВЈ	2.87
5/8/2020 2.6 2.42.2 < co.00121 < co.00563 < co.00302 < co.00786 · co.0121 < co.00124 < co.00563 < co.00786 · co.0133 · co.0131 < co.00563 < co.00732 · co.0133 · co.0131 · co.00563 < co.00732 · co.0133 · co.0133 · co.0133 · co.0133 · co.0132 · co.0133 · co.0101 · co.0133 · co.0103 · co.0101 · co.0103 · co.00533 · co.0103 · co.0101 · co.0103 · co.0053 · co.0053 · co.0103 · co.0053 · co.00633 · co.0103 · co.0103 · co.0103			4-5	147	2.0	< 106		< 0.00106		< 0.00530	< 0.002	59:	> 0.006	68	,	< 0.106	6.30		17.3		Н	23.6
5/8/2020 2.3 4.18 2.0 < 22.5 < 6,00013 < 6,000363 < 6,00032 < 6,00032 < 6,00013 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034 < 6,00034			0-1	32.6	2.6	< 24.2	F	< 0.00121	E	< 0.00605	< 0.003	02	< 0.007	98		< 0.121	< 4.84	L	1.52	Г	- FB	1.52
45 884 0.7 < 20.5 < 0.00012 < 0.000512 < 0.000566 < 0.000666 < 0.000666 < 0.000666 < 0.00066 < 0.00066 < 0.00066 < 0.00066 < 0.00066 < 0.00066 < 0.00066 < 0.00066 < 0.00066 < 0.00066 < 0.00066 < 0.00066 < 0.00066 < 0.00066 < 0.00066 < 0.00066 < 0.00066 < 0.00066 < 0.00066 < 0.00066 < 0.00066 < 0.00066 < 0.00066 < 0.00066 < 0.00066 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00067 < 0.00006 < 0.00067 < 0.00067	AH-7	5/8/2020	2-3	41.8	2:0	< 22.5		< 0.00113		< 0.00563	< 0.002	82	< 0.007.	32		< 0.113	< 4.51	١.	2.20		BJ	2.20
5/8/2020 2.3 4.5 6.0 6.			4-5	88.4	0.7	< 20.5	A	< 0.00102		< 0.00512	< 0.002	95	< 0.006	99		< 0.102	< 4.10	_	1.65		ВЭ	1.65
5/8/2020 23 420 1.4 <20.1 < <0.000103			0-1	36.1	0.7	< 20.3	F	< 0.00101	E	< 0.00506	< 0.002	53	< 0.006	58		< 0.101	1.85	r	1 4.73	_	H	6.58
86.9 0.9 < 20.7	AH-8	5/8/2020	2-3	42.0	1.4	< 20.1		< 0.00100		< 0.00502	< 0.002	51	< 0.006.	53	,	< 0.100	1.78	П	J 5.43		\dashv	7.21
			4-5	86.9	6.0	< 20.7	\exists	< 0.00103		< 0.00516	< 0.002	28	< 0.006	7.1		< 0.103	< 4.13		3.72		В	3.72

Feet NOTES:

bgs Below ground surface

TPH Total Petroleum Hydrocarbons mg/kg Milligrams per kilogram ppm Parts per million

GRO Gasoline range organics DRO Diesel range organics ORO Oil range organics

4 EPA Method 8015D/GRO 2 EPA Method 8260B 3 EPA Method 8015 QUALIFIERS:

1 EPA Method 300.0

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 RPALS (>4 ft bgs)

The identification of the analyte is acceptable; the reported value is an estimate. The same analyte is found in the associated blank.

Page 1 of 1

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

									RTEY ²						TDII3		
			Field Screening Results	ing Results		1				t			4	0	ı	000	
Sample ID	Sample Date	Sample Depth	:		Chloride		Benzene	Toluene	Ethylbenzene	э е	Total Xylenes	Total BTEX	GRO*	DRO		ORO	Total TPH
			Chloride	PID				•					ე- ე- ე-	C ₁₀ - C ₂₈	28	C ₂₈ - C ₄₀	(GRO+DRO+ORO,
į		ft. bgs	mdd	Ε	mg/kg	Q	mg/kg Q	mg/kg Q	mg/kg	Ø	mg/kg Q	mg/kg	mg/kg Q	mg/kg	۵	mg/kg Q	mg/kg
FS-1	6/3/2021	4	٠		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	L	< 0.0056	< 0.0056	< 0.0056		< 0.0056		< 12.1	< 10.9		< 10.9	
FS-3	6/3/2021	4			534	L	< 0.0051	< 0.0051	< 0.0051		< 0.0051		< 9.2	< 10.4		< 10.4	
FS-4	6/3/2021	4	-		755	L	< 0.0052	< 0.0052	< 0.0052		< 0.0052		< 10.4	< 10.4		< 10.4	,
FS-5	6/3/2021	4			1280	L	< 0.0052	< 0.0052	< 0.0052		< 0.0052		< 10.3	< 9.9		13.2	13.2
FS-6	6/2/2021	4			188	L	< 0.0054	< 0.0054	< 0.0054		< 0.0054		< 11.7	< 10.7		< 10.7	
FS-7	6/2/2021	е			269	L	< 0.0055	< 0.0055	< 0.0055		< 0.0055		< 10.9	> 10.6		< 10.6	,
FS-8	6/2/2021	е			235	L	< 0.0053	< 0.0053	< 0.0053		< 0.0053		< 11.3	< 10.3		< 10.3	
FS-9	6/9/2021	е	789	23.6	758	L	< 0.0050	< 0.0050	< 0.0050		< 0.0050		< 8.9	< 10.0		< 10.0	
FS-10	5/27/2021	е	89.5	8.86	< 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	L	< 0.0051	< 0.0051	< 0.0051		< 0.0051		< 10.0	23.0		11.7	34.7
FS-11	5/27/2021	8	999	41.1	201	L	< 0.0053	< 0.0053	< 0.0053		< 0.0053		< 11.1	< 10.6		< 10.6	
FS-12	5/27/2021	8	710	36.9	283	L	< 0.0067	< 0.0067	< 0.0067		< 0.0067		< 15.9	< 40.1		< 40.1	
FS-13	5/27/2021	8	191	61.7	136	L	< 0.0052	< 0.0052	< 0.0052		< 0.0052		< 10.6	< 10.6		< 10.6	
FS-14	5/27/2021	80	234	15.2	146	L	< 0.0053	< 0.0053	< 0.0053		< 0.0053		< 10.4	< 10.6		< 10.6	
FS-15	5/27/2021	8	120	90.1	135	Н	< 0.0052	< 0.0052	< 0.0052	I	< 0.0052		< 10.6	< 10.1		< 10.1	
NSW-1	6/3/2021		57.1	7.3	< 103	F	< 0.0050	< 0.0050	< 0.0050	E	< 0.0050		< 9.2	< 18.8		< 18.8	
NSW-2	6/3/2021	,	38	7.5	> 104	L	< 0.0050	< 0.0050	< 0.0050		< 0.0050		< 9.5	< 10.0		< 10.0	
NSW-3	6/2/2021				< 103	L	< 0.0050	< 0.0050	< 0.0050		< 0.0050		< 9.8	< 14.4		< 14.4	
NSW-4	6/2/2021				< 103	L	< 0.0049	< 0.0049	< 0.0049		< 0.0049		9.6>	< 9.8		8.6 >	
NSW-5	6/2/2021				< 100	L	< 0.0050	< 0.0050	< 0.0050		< 0.0050		< 10.0	< 9.9		6.6 >	
9-MSN	5/26/2021		75.5	1.4	< 101	L	< 0.0049	< 0.0049	< 0.0049		< 0.0049		< 11.8	< 19.0		< 19.0	
NSW-7	5/26/2021		22.2	8.0	< 101	L	< 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	9.0	9.66 >		< 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	1
ESW-1	6/3/2021		17.2	2.9	9.96 >	F	< 0.0049	< 0.0049	< 0.0049	E	< 0.0049		6.6 >	> 9.6		9.6 >	
ESW-2	5/26/2021		32.3	0.7	< 100	L	< 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		500	14.6	121		< 0.0053 R1	< 0.0053	< 0.0053		< 0.0053		< 9.1	3070		1100	4170
ESW-4 (15')*	1702/2/9				6'96 >	L	< 0,0050	< 0.0050	< 0.0050		< 0.0050		9.6 >	< 9.8		8.6 >	

Page 1 of 2

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

Sawyle Sample Date Sample Date Sample Date Choice Fig. 5 Choice Choice Total Name Ethyle name Choice Choice<				0 71-11	in a Descriptor					BTEX ²						Ţ	TPH ³		
4 Annia Legate Annia Legat	Ol classes	O of some	Sample Depth	rieid Screen	iing Kesuits	Chloride ¹	0	9	- Louis			Total Vulgara	Total BTEV	GRO⁴		DRO	ORO		Total TPH
(4) (4) (4) (4) (4) (4) (4) (4) (4) (4)	Sample	Sample Date		Chloride	PID		Delig	ט פ		FUILAIDEIIZEI	<u>u</u>	oral Aylelles	Otal	C3 - C10		C ₁₀ - C ₂₈	C ₂₈ - C ₄₀		(GRO+DRO+ORO)
6/3/2021 161 3.5 < 994			ft. bgs	ıdd	ш						Ø	mg/kg		mg/kg	۵			۵	mg/kg
6/3/2021	SSW-1	6/3/2021		161	3.5	< 99.4	< 0.005	1	< 0.0051	< 0.0051		< 0.0051		< 10.3		19.5	24.6		44.1
6/2/2021	SSW-2	6/3/2021		139	4.2	< 105	< 0.005	0	< 0.0050	< 0.0050		< 0.0050		< 9.8	L	20.4	23.3		43.7
6/2/2021	SSW-3	6/2/2021	·			< 104	< 0.005	0	< 0.0050	< 0.0050		< 0.0050		< 10.0	L	< 10.2	< 10.2		
6/2/2021	SSW-4	6/2/2021	,			< 101	< 0.005	1	< 0.0051	< 0.0051		< 0.0051		< 9.9	L	< 10.0	< 10.0		
\$1/26/2021 *** ** *	SSW-5	6/2/2021	,			< 98.3	< 0.005	1	< 0.0051	< 0.0051		< 0.0051		< 10.2	L	< 10.1	< 10.1		
5/56/2021	9-MSS	5/26/2021	·	80.1	3.0	< 103	< 0.005	1	< 0.0051	< 0.0051		< 0.0051		< 10.4	L	< 10.3	< 10.3		
5/56/2021 99 1.0 <995.5 </td <td>2-MSS</td> <td>5/26/2021</td> <td></td> <td>81.1</td> <td>8.9</td> <td>< 104</td> <td>< 0.005</td> <td>0</td> <td>< 0.0050</td> <td>< 0.0050</td> <td></td> <td>< 0.0050</td> <td></td> <td>< 9.5</td> <td>L</td> <td>37.7</td> <td>13.9</td> <td></td> <td>51.6</td>	2-MSS	5/26/2021		81.1	8.9	< 104	< 0.005	0	< 0.0050	< 0.0050		< 0.0050		< 9.5	L	37.7	13.9		51.6
\$1/2021 \$1/21 <th< td=""><td>SSW-8</td><td>5/26/2021</td><td></td><td>66</td><td>1.0</td><td>< 99.5</td><td>< 0.005</td><td>0</td><td>< 0.0050</td><td>< 0.0050</td><td></td><td>< 0.0050</td><td></td><td>< 8.1</td><td>L</td><td>< 9.8</td><td>< 9.8</td><td></td><td></td></th<>	SSW-8	5/26/2021		66	1.0	< 99.5	< 0.005	0	< 0.0050	< 0.0050		< 0.0050		< 8.1	L	< 9.8	< 9.8		
6/3/2021 678 45.4 < 103 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0051 < 0.0052 < 0.0052 < 0.0052 < 0.0052 < 0.0052 < 0.0052 < 0.0052 < 0.0052 < 0.0052 < 0.0052 < 0.0052 < 0.0052 < 0.0052 < 0.0052 < 0.0052 < 0.0052 < 0.0052 < 0.0052 < 0.0052 < 0.0052	6-MSS	5/26/2021	,	111	22.1	< 101	< 0.005	2	< 0.0052	< 0.0052		< 0.0052		< 8.0		1010	267		1577
6/9/2021	WSW-1	6/3/2021		67.8	45.4	< 103	< 0.005	0	< 0.0050	< 0.0050		< 0.0050	,	< 10.0		68.3	32.7		101
\$\sigma\$\frac{1}{2}\sigma\$\frac{1}\sigma\$\frac{1}{2}\sigma\$\frac{1}{2}\sigma\$\frac{1}{2}\sigma\$\f	WSW-1 (2')*	6/9/2021		42.6	5.2	< 102	< 0.005	0	< 0.0050	< 0.0050		0.0051	0.0051	< 9.7	L	< 9.9	< 9.9		
\$5/26/7021 . 20.5 0.4 < 4102 < 0.0051 II < 0.0057 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050 < 0.0050	WSW-2	5/26/2021	,	19.9	6.0	< 97.5	< 0.005		< 0.0050	< 0.0050		< 0.0050		6.6>	L	10.6	18.0		28.6
5/36/2021 - 2.77 1.0 <103 <0.0050 1.1 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <	WSW-3	5/26/2021	,	20.5	0.4	< 102	< 0.005		< 0.0051	< 0.0051		< 0.0051		< 10.2	L	< 10.2	< 10.2		
	WSW-4	5/26/2021		27.7	1.0	< 103	< 0.005		< 0.0050	< 0.0050		< 0.0050		< 9.5	L	< 9.8	< 9.8		

bgs Below ground surface Feet

ppm Parts per million

Total Petroleum Hydrocarbons mg/kg Milligrams per kilogram TPH

Gasoline range organics GRO

Diesel range organics DRO

Oil range organics EPA Method 9056 ORO

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.

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

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

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

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

QUALIFIERS:

EPA Method 8260B EPA Method 8015B

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 Cond	coPhillips Con	npany	OGRID 2	217817
Contact Nam	^{ne} Gustav	o Fejervary		Contact To	Gelephone 432/210-7037
Contact ema	*4	ary@cop.com		Incident #	t (assigned by OCD)
Contact mail	ing address	5735 SW 700	00 Andrews,	TX 79714	
				of Release So	
Latitude	32.8110	32.80936	2° cml	Longitude	- 103.8080673 -103.800769° cml
			(NAD 83 in de	ecimal degrees to 5 decim	
Site Name N	ICA UNIT	108		Site Type	flowline
Date Release	Discovered	1/18/17		API# (if app	plicable)
Unit Letter	Section	Township	Range	Cour	nty
A	30	17S	32E	Lea	
		170	022	1 200	
Surface Owner	r: State	✓ Federal ☐ Tr	ribal Private (Name:)
			Nature and	d Volume of 1	Release
	Mataria	I(s) Dalagged (Calcut al	I that amula, and attach		circuit fraction for the columns are aided below?
Material(s) Released (Select all that apply and attach calculations Volume Released (bbls) 2		carculations of specific	Volume Recovered (bbls) 0		
✓ Produced Water Volume Released (bbls) 6.4		Volume Recovered (bbls) 0			
Is the concentration of total dissolved solid		· /	☐ Yes ☐ No		
Condensa	nte	Volume Release	water >10,000 mg d (bbls)	9/1?	Volume Recovered (bbls)
☐ Natural G		Volume Release			Volume Recovered (Mcf)
Other (de	scribe)	_	Released (provid	e units)	Volume/Weight Recovered (provide units)
	,		U	,	2 4
Cause of Rel	ease flow I	ine leak.			1
					le in 0047 have an one doubt have made of
					k in 2017, however, we don't have proof of e, we don't have records on how this spill
		ne was estima			,,

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?	If YES, for what reason(s) does the respo	nsible party consider this a major release?
☐ Yes ☑ No		
If YES, was immediate n	otice given to the OCD? By whom? To wh	nom? When and by what means (phone, email, etc)?
	Initial R	esponse
The responsible	party must undertake the following actions immediate	ly unless they could create a safety hazard that would result in injury
☐ The source of the rele	ease has been stopped.	
The impacted area ha	s been secured to protect human health and	the environment.
Released materials ha	ave been contained via the use of berms or	likes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed an	d managed appropriately.
If all the actions describe	d above have <u>not</u> been undertaken, explain	why:
Per 10 15 20 8 R (4) NM	IAC the responsible party may commence t	emediation 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 blease attach all information needed for closure evaluation.
		best of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger
		OCD does not relieve the operator of liability should their operations have
		eat to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Printed Name: Gustav		Title: Environmental Coordinator
Signature:	<i></i>	Date: 12/19/19
email: g.fejervary@	cop.com	Telephone: 432/210-7037
C-141 application PC): JGPH3-191219-C-1410 REJECTED 2/	3/2020. Resubmitted with Corrections 3/4/2020. cml.
OCD Only		
Received by:		Date:

	Page 19 of 23.
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.

Did this release impact groundwater or surface water? Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? 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? Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? Are the lateral extents of the release within 300 feet of a wetland? Are the lateral extents of the release within 300 feet of a wetland? Are the lateral extents of the release overlying a subsurface mine? Are the lateral extents of the release overlying an unstable area such as karst geology? Are the lateral extents of the release within a 100-year floodplain? Did the release impact areas not on an exploration, development, production, or storage site? Characterization Report Checklist: Each of the following items must be included in the report. Characterization Report Checklist: Each of the following items must be included in the report. Characterization Report Checklist: Each of the following items must be included in the report. Characterization Report Checklist: Each of the following items must be included in the report. Characterization Report Checklist: Each of the following items must be included in the report. Characterization Report Checklist: Each of the following items must be included in the report. Characterization Report Checklist: Each of the following items must be included in the report. Characterization Repo		
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? 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? Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? Are the lateral extents of the release within 300 feet of a wetland? Are the lateral extents of the release overlying a subsurface mine? Are the lateral extents of the release overlying an unstable area such as karst geology? Are the lateral extents of the release overlying an unstable area such as karst geology? Are the lateral extents of the release within a 100-year floodplain? Did the release impact areas not on an exploration, development, production, or storage site? Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of 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 Depth to water determination Jetermination of water sources and significant watercourses within ½-mile of the lateral extents of the release	What is the shallowest depth to groundwater beneath the area affected by the release?	82 (ft bgs)
watercourse? Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? 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? Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? Are the lateral extents of the release within 300 feet of a wetland? Are the lateral extents of the release overlying a subsurface mine? Are the lateral extents of the release overlying an unstable area such as karst geology? Are the lateral extents of the release within a 100-year floodplain? Did the release impact areas not on an exploration, development, production, or storage site? 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 of water sources and significant watercourses within ½-mile of the lateral extents of the release	Did this release impact groundwater or surface water?	☐ Yes 🗸 No
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or church? 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? Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? Are the lateral extents of the release within 300 feet of a wetland? Are the lateral extents of the release overlying a subsurface mine? Are the lateral extents of the release overlying an unstable area such as karst geology? Are the lateral extents of the release within a 100-year floodplain? Did the release impact areas not on an exploration, development, production, or storage site? Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of 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. Characterization Report Checklist: Each of the following items must be included in the report. Characterization Report Checklist: Each of the following items must be included in the report. Characterization Report Checklist: Each of the following items must be included in the report. Diata table of soil contaminant concentration data Diata table of soil contaminant concentration data Dieth to water determination Dietermination of water sources and significant watercourses within ½-mile of the lateral extents of the release		☐ Yes 🗸 No
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Are the lateral extents of the release within 300 feet of a wetland? Are the lateral extents of the release within 300 feet of a wetland? Are the lateral extents of the release overlying a subsurface mine? Are the lateral extents of the release overlying an unstable area such as karst geology? Are the lateral extents of the release within a 100-year floodplain? Did the release impact areas not on an exploration, development, production, or storage site? Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of 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		☐ Yes 🗸 No
water well field? Are the lateral extents of the release within 300 feet of a wetland? Are the lateral extents of the release overlying a subsurface mine? Are the lateral extents of the release overlying an unstable area such as karst geology? Are the lateral extents of the release within a 100-year floodplain? Did the release impact areas not on an exploration, development, production, or storage site? Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of 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	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 overlying a subsurface mine? Are the lateral extents of the release overlying an unstable area such as karst geology? Are the lateral extents of the release within a 100-year floodplain? Did the release impact areas not on an exploration, development, production, or storage site? Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of 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		☐ Yes 🗸 No
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Are the lateral extents of the release within a 100-year floodplain? Did the release impact areas not on an exploration, development, production, or storage site? Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of 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	Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ✓ No
Did the release impact areas not on an exploration, development, production, or storage site? Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of 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	Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ✓ No
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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	Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ✓ No
 ✓ 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 		tical extents of soil
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	Characterization Report Checklist: Each of the following items must be included in the report.	
 □ Boring or excavation logs ☑ Photographs including date and GIS information ☑ Topographic/Aerial maps ☑ Laboratory data including chain of custody 	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	ls.

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

Received by OCD: 7/12/2021 10:32:13?PM Form C-14:1 State of New Mexico Page 4 Oil Conservation Division

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Incident ID	NRM2003450092
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release not public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a thr addition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	tifications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have reat to groundwater, surface water, human health or the environment. In
Printed Name: Marvin Şoriwei	Title: Program Manager, Risk Management & Remediation
Printed Name: Marvin Soriwei Signature:	Date: 9/25/2020
email: marvin.soriwei@conocophillips.com	Telephone: 8324862730
OCD Only	
Received by:	Date:

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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 point ✓ Estimated volume of material to be remediated ✓ Closure criteria is to Table 1 specifications subject to 19.15.29 ✓ Proposed schedule for remediation (note if remediation plan times) 	.12(C)(4) NMAC
Deferral Requests Only: Each of the following items must be co	onfirmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around placeonstruction.	production equipment where remediation could cause a major facility
Extents of contamination must be fully delineated.	
Contamination does not cause an imminent risk to human heal	th, the environment, or groundwater.
rules and regulations all operators are required to report and/or file	acceptance of a C-141 report does not relieve the operator of
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 o	
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 needs, bt retrieve as much as possible.

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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 19.15.29.1	1 NMAC
✓ Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☑ Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
✓ Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially neditions that existed prior to the release or their final land use in CD when reclamation and re-vegetation are complete.
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:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by: 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 Sub-		_	0 (2						Danish	Donath N	M-4
POD Number	Code basin	County		Q (16 ·		Tws	Rng	х	Υ	Distance	-	Depth V Water Co	
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	178	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

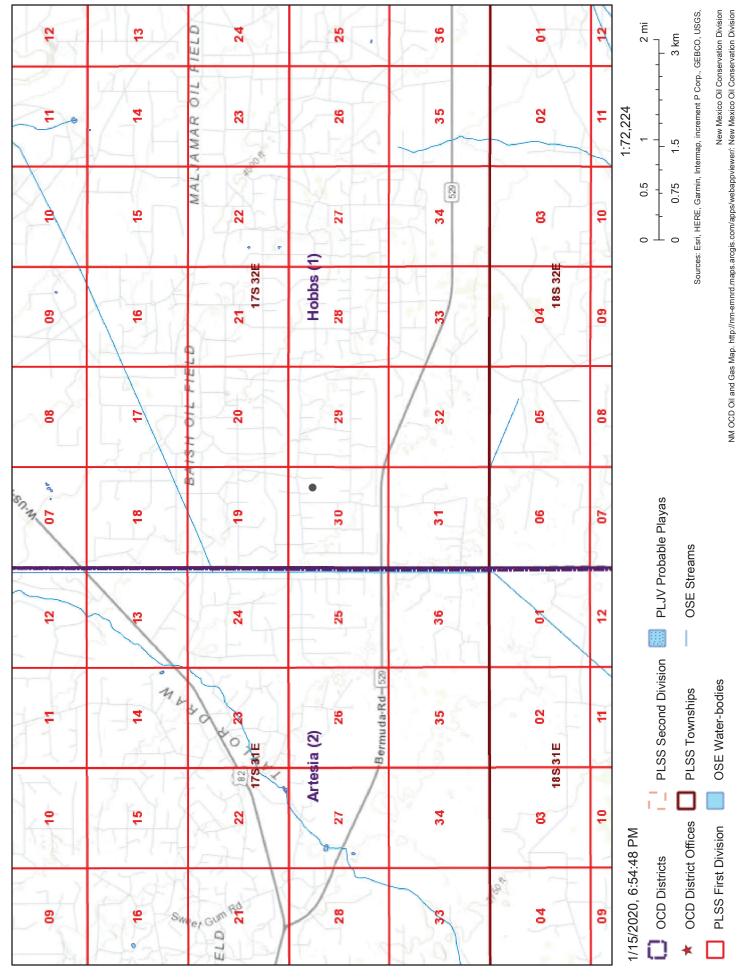
UTMNAD83 Radius Search (in meters):

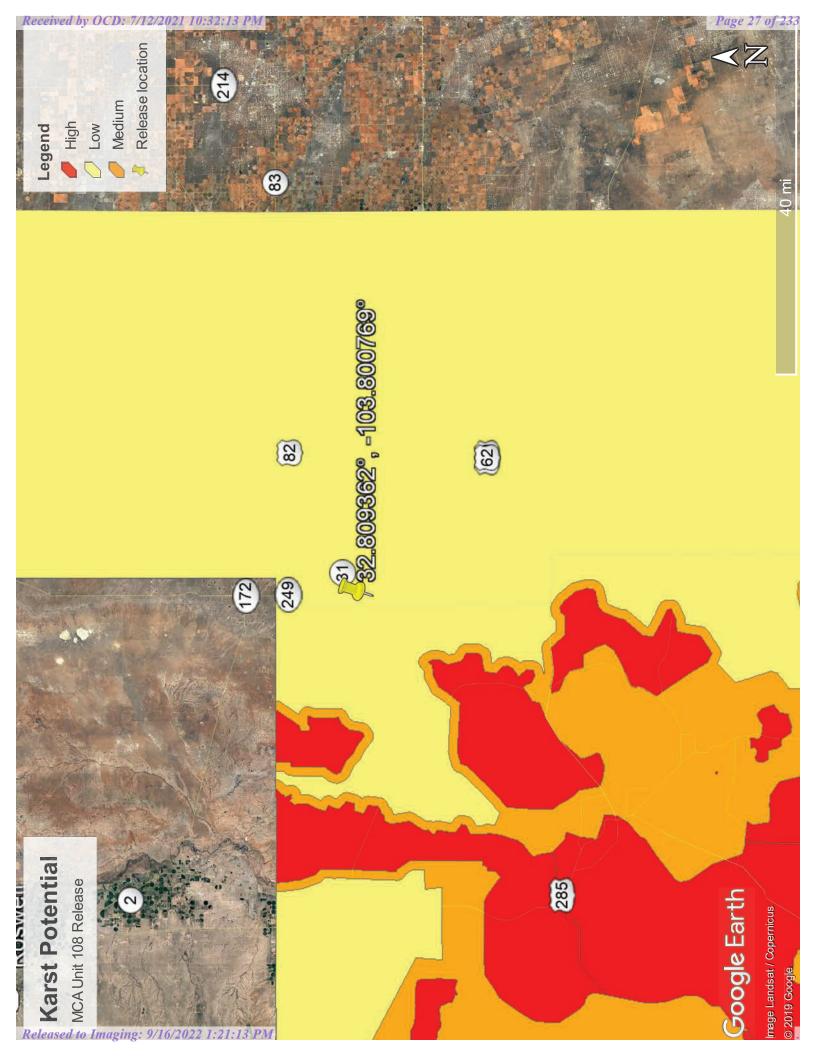
Easting (X): 612271.743 Northing (Y): 3630789.223 Radius: 3219

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

^{*}UTM location was derived from PLSS - see Help

MCA 108 Water Bodies





APPENDIX C Laboratory Analytical Data





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

This Word

Project Manager

Enclosures







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

REPORT OF LABORATORY ANALYSIS





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

REPORT OF LABORATORY ANALYSIS





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
0370722004	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
0370722005	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
0370722007	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
30370722008	SSW-8	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K

REPORT OF LABORATORY ANALYSIS





SAMPLE ANALYTE COUNT

Project: MCA 108
Pace Project No.: 60370722

ASTM D2974 DWC 1		Analytes Reported	Analysts	Method	Sample ID	Lab ID
EPA 9056 LDB	PASI-K	7	RAD	EPA 8260B		
SSW-9 EPA 8015B WNM	PASI-K	1	DWC	ASTM D2974		
EPA 8015B JLO 2 EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 EPA 8015B JLO 2 EPA 8015B WNM 4 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8015B JLO 2 EPA 8060B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 80370722011 ESW-3 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8056 LDB 1 80370722012 ESW-4 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8015B JLO 3 EPA 8015B	PASI-K	1	LDB	EPA 9056		
EPA 8260B RAD 7 ASTM D2974 DWC 11 EPA 9056 LDB 1 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8066 LDB 1 EPA 8015B JLO 2 EPA 8066 LDB 1 EPA 8066 RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 EPA 9056 LDB 1 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 806B RAD 7 ASTM D2974 DWC 1 EPA 806B RAD 7	PASI-K	4	WNM	EPA 8015B	SSW-9	0370722009
ASTM D2974 DWC 1 EPA 9056 LDB 1 EPA 9056 LDB 1 EPA 8015B JLO 2 EPA 8056B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 EPA 8050B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 EPA 8050B RAD 7 ASTM D2974 DWC 1 EPA 8056 LDB	PASI-K	2	JLO	EPA 8015B		
EPA 9056 LDB	PASI-K	7	RAD	EPA 8260B		
Box	PASI-K	1	DWC	ASTM D2974		
EPA 8015B JLO 2 EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 EPA 8015B JLO 2 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8015B JLO 2 EPA 8015B JLO 2 EPA 8015B JLO 2 EPA 8060B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 EPA 8056B RAD 7 ASTM D2974 DWC 1 EPA 805B JLO 2 EPA 805B RAD 7 ASTM D2974 DWC 1 EPA 805B RAD 7 ASTM D2974 DWC 1 EPA 805B RAD 7 ASTM D2974 DWC 1 EPA 805B LDB 1 EPA 805B LDB 1 EPA 805B LDB 1 EPA 805B JLO 2 EPA 805B RAD 7 ASTM D2974 DWC 1 EPA 805B JLO 2 EPA 805B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 EPA 805B JLO 2 EPA 805B RAD 7 ASTM D2974 DWC 1 EPA 805B JLO 2 EPA 805B RAD 7 ASTM D2974 DWC 1 EPA 805B JLO 2 EPA 805B RAD 7 ASTM D2974 DWC 1 EPA 805B JLO 2 EPA 805B RAD 7 ASTM D2974 DWC 1 EPA 805B JLO 2 EPA 805B RAD 7 ASTM D2974 DWC 1	PASI-K	1	LDB	EPA 9056		
EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8060B RAD 7 ASTM D2974 DWC 1 EPA 8060B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 EPA 8060B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 EPA 8015B JLO 2 EPA 8015B JLO 2 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8060B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 EPA 9056 LDB 1 EPA 8015B JLO 2 EPA 8015B JLO 3 EPA 8015B WNM 4 EPA 8015B JLO 3 EPA 8015B JLO	PASI-K	4	WNM	EPA 8015B	ESW-2	0370722010
ASTM D2974 DWC 1 EPA 9056 LDB 1 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 60370722012 ESW-4 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8056 LDB 1 60370722012 ESW-4 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 60370722013 WSW-2 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8015B JLO 3 EPA 80	PASI-K	2	JLO	EPA 8015B		
EPA 9056 LDB 1 10370722011 ESW-3 EPA 8015B WNM 4 10370722011 ESW-3 EPA 8015B WNM 4 10370722012 ESW-4 EPA 8015B WNM 4 10370722012 ESW-4 EPA 8015B WNM 4 10370722013 WSW-2 EPA 8015B WNM 4 10370722014 WSW-3 EPA 8015B WNM 4 10370722014 WSW-3 EPA 8015B WNM 4 10370722014 WSW-3 EPA 8015B WNM 4 10370722015 WSW-4 EPA 8015B WNM 4 10370722015 WSW-4 EPA 8015B WNM 4 10370722016 WSW-3 EPA 8015B WNM 4 10370722016 WSW-3 EPA 8015B WNM 4 10370722016 WSW-3 EPA 8015B WNM 4 10370722016 WSW-4 EPA 8015B WNM 4	PASI-K	7	RAD	EPA 8260B		
Page	PASI-K	1	DWC	ASTM D2974		
EPA 8015B JLO 2 EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 EPA 8015B WNM 4 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 8015B JLO 2 EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 0370722013 WSW-2 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8015B WNM 4 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8015B JLO 3 EPA 8015B JLO 3 EPA 8015B WNM 4	PASI-K	1	LDB	EPA 9056		
EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8060B RAD 7 ASTM D2974 DWC 1 EPA 8015B JLO 2 EPA 8060B RAD 7 ASTM D2974 DWC 1 EPA 8015B JLO 2 EPA 8015B WNM 4 EPA 8015B WNM 4 EPA 8015B WNM 4 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8015B JLO 2 EPA 8015B JLO 2 EPA 8060B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 EPA 9056 LDB 1 EPA 8015B WNM 4 EPA 8015B WNM 4 EPA 8015B WNM 4 EPA 8015B WNM 4	PASI-K	4	WNM	EPA 8015B	ESW-3	0370722011
ASTM D2974 DWC 1 EPA 9056 LDB 1 EPA 9056 LDB 1 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 EPA 9056 LDB 1 EPA 9056 LDB 1 EPA 8015B WNM 4 EPA 8015B WNM 4 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8015B JLO 2 EPA 8015B JLO 2 EPA 8015B JLO 2 EPA 8060B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 EPA 9056 LDB 1 EPA 9056 LDB 1 EPA 9056 LDB 1 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8015B JLO 2 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8015B JLO 2 EPA 8015B JLO 2 EPA 8015B JLO 2 EPA 8015B JLO 3 EPA 8015B JLO 3 EPA 8015B JLO 3 EPA 8015B JLO 4 EPA	PASI-K	2	JLO	EPA 8015B		
EPA 9056 LDB 1 0370722012 ESW-4 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 8015B WNM 4 0370722013 WSW-2 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8015B JLO 2 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8060B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 0370722014 WSW-3 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8015B JLO 2 EPA 8015B JLO 6 EPA 8015B WNM 4 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8015B JLO 3 EPA 8015B JLO 4 EPA 8015B JLO 4 EPA 8015B JLO 5 EPA 8015B JLO 6 EPA 8015B JLO 6 EPA 8015B JLO 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 O370722015 WSW-4 EPA 8015B WNM 4	PASI-K	7	RAD	EPA 8260B		
0370722012 ESW-4 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 0370722013 WSW-2 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8015B JLO 2 EPA 8015B JLO 2 EPA 8015B JLO 2 EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 0370722014 WSW-3 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8015B JLO 2 EPA 8015B JLO 2 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8015B JLO 3 EPA 8015B WNM 4	PASI-K	1	DWC	ASTM D2974		
EPA 8015B JLO 2 EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 0370722013 WSW-2 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8015B JLO 2 EPA 8015B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 0370722014 WSW-3 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8015B JLO 2 EPA 8015B WNM 4 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8015B JLO 3 EPA 8015B JL	PASI-K	1	LDB	EPA 9056		
BPA 8260B RAD 7 ASTM D2974 DWC 1 BPA 9056 LDB 1 0370722013 WSW-2 EPA 8015B WNM 4 EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 0370722014 WSW-3 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8015B JLO 3 EPA 8015B LDB 7 ASTM D2974 DWC 1 EPA 9056 LDB 1	PASI-K	4	WNM	EPA 8015B	ESW-4	0370722012
ASTM D2974 DWC 1 EPA 9056 LDB 1 0370722013 WSW-2 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 0370722014 WSW-3 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 0370722015 WSW-4 EPA 8015B WNM 4	PASI-K	2	JLO	EPA 8015B		
EPA 9056 LDB 1 0370722013 WSW-2 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 0370722014 WSW-3 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8015B JLO 2 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8015B JLO 1 EPA 8015B JLO 2 EPA 8015B JLO 1 EPA 8015B JLO 2 EPA 8015B JLO 1 EPA 9056 LDB 1	PASI-K	7	RAD	EPA 8260B		
10370722013 WSW-2 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 EPA 8015B WNM 4 EPA 8015B WNM 4 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 8015B JLO 2 EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1	PASI-K	1	DWC	ASTM D2974		
EPA 8015B JLO 2 EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8015B JLO 2 EPA 8060B RAD 7 ASTM D2974 DWC 1 EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1	PASI-K	1	LDB	EPA 9056		
EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 8260B LDB 1 EPA 8260B LDB 1 EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1	PASI-K	4	WNM	EPA 8015B	WSW-2	0370722013
ASTM D2974 DWC 1 EPA 9056 LDB 1 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 EPA 9056 LDB 1 EPA 9056 LDB 1	PASI-K	2	JLO	EPA 8015B		
EPA 9056 LDB 1 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 EPA 9056 LDB 1 EPA 9056 LDB 1	PASI-K	7	RAD	EPA 8260B		
0370722014 WSW-3 EPA 8015B WNM 4 EPA 8015B JLO 2 EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 0370722015 WSW-4 EPA 8015B WNM 4	PASI-K	1	DWC	ASTM D2974		
EPA 8015B JLO 2 EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 60370722015 WSW-4 EPA 8015B WNM 4	PASI-K	1	LDB	EPA 9056		
EPA 8015B JLO 2 EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 0370722015 WSW-4 EPA 8015B WNM 4	PASI-K	4	WNM	EPA 8015B	WSW-3	0370722014
EPA 8260B RAD 7 ASTM D2974 DWC 1 EPA 9056 LDB 1 0370722015 WSW-4 EPA 8015B WNM 4		2	JLO			
EPA 9056 LDB 1 0370722015 WSW-4 EPA 8015B WNM 4		7	RAD			
EPA 9056 LDB 1 0370722015 WSW-4 EPA 8015B WNM 4		1				
		1	LDB	EPA 9056		
		4	WNM	EPA 8015B	WSW-4	0370722015
EPA 8015B JLO 2		2	JLO	EPA 8015B		
		7	RAD			
		1				

REPORT OF LABORATORY ANALYSIS





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

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60370722

Sample: NSW-6	Lab ID: 603	70722001	Collected: 05/26/2	1 09:20	Received: 05	/28/21 08:37 N	latrix: Solid	
Results reported on a "dry weight" k	basis and are adj	usted for p	ercent moisture, sa	mple s	ize and any dilut	ions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	•		15B Preparation Me	thod: E	PA 3546			
	Pace Analytica	I 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		06/01/21 11:18		
p-Terphenyl (S)	68	%	65-125	1	05/28/21 14:24	06/01/21 11:18	92-94-4	
Gasoline Range Organics	Analytical Meth	nod: EPA 80	15B Preparation Me	thod: E	PA 5035A/5030B			
	Pace Analytica	I Services -	Kansas City					
TPH-GRO Surrogates	ND	mg/kg	11.8	1	05/30/21 12:45	05/30/21 16:40		
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 Meth	nod: EPA 82	60B Preparation Me	thod: E	PA 5035A/5030			
	Pace Analytica	I 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 23:02		
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 Meth	nod: ASTM I	D2974					
	Pace Analytica	l Services -	Kansas City					
Percent Moisture	ND	%	0.50	1		05/28/21 13:59		
9056 IC Anions	Analytical Meth	nod: EPA 90	56 Preparation Meth	nod: EP	A 9056			
	Pace Analytica		•					
Chloride	ND	mg/kg	101	10	06/01/21 08:10	06/01/21 10:41	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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Date: 06/01/2021 04:20 PM



ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60370722

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 O 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	
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	16-31-1
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	
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	
TPH-ORO (C28-C35) ND mg/kg 10.0 1 05/28/21 14:24 06/01/21 13:54 Surrogates	
Surrogates	
· ·	
n-Tetracosane (S) 85 % 10-170 1 05/28/21 14:24 06/01/21 13:54 646	
	2-94-4
p-Terphenyl (S) 75 % 65-125 1 05/28/21 14:24 06/01/21 13:54 92-	
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	60-00-4
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	00-41-4
Toluene ND ug/kg 5.0 1 05/28/21 14:33 05/28/21 23:18 108	08-88-3
Xylene (Total) ND ug/kg 5.0 1 05/28/21 14:33 05/28/21 23:18 133	330-20-7
Surrogates	
Toluene-d8 (S) 92 % 80-120 1 05/28/21 14:33 05/28/21 23:18 203	37-26-5
4-Bromofluorobenzene (S) 93 % 80-120 1 05/28/21 14:33 05/28/21 23:18 460	0-00-4
1,2-Dichlorobenzene-d4 (S) 98 % 80-120 1 05/28/21 14:33 05/28/21 23:18 219	99-69-1
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 10:17 168	887-00-6

REPORT OF LABORATORY ANALYSIS

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Date: 06/01/2021 04:20 PM



Project: MCA 108
Pace Project No.: 60370722

Sample: NSW-8	Lab ID: 603	70722003	Collected: 05/26/2	21 09:3	0 Received: 05	5/28/21 08:37 N	latrix: Solid	
Results reported on a "dry weight	" basis and are adj	justed for pe	rcent moisture, sa	mple s	size and any dilu	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
3015B Diesel Range Organics	Analytical Met	hod: EPA 801	5B Preparation Me	thod: E	EPA 3546			
	Pace Analytica	al Services - K	ansas 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		06/01/21 14:02		
-Terphenyl (S)	51	%	65-125	1	05/28/21 14:24	06/01/21 14:02	92-94-4	S1
Gasoline Range Organics	Analytical Met	hod: EPA 801	5B Preparation Me	thod: E	EPA 5035A/5030B			
	Pace Analytica	al Services - K	ansas City					
TPH-GRO	ND	mg/kg	8.4	1	05/30/21 12:45	05/30/21 17:18		
Surrogates		3. 3						
-Bromofluorobenzene (S)	86	%	63-121	1	05/30/21 12:45	05/30/21 17:18	460-00-4	
3260 MSV 5035A VOA	Analytical Met	hod: EPA 826	0B Preparation Me	thod: E	EPA 5035A/5030			
	Pace Analytica	al Services - K	ansas 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	
Kylene (Total)	ND	ug/kg	5.0	1	05/28/21 14:33	05/28/21 23:33	1330-20-7	
Surrogates								
Гoluene-d8 (S)	103	%	80-120	1		05/28/21 23:33		
4-Bromofluorobenzene (S)	94	%	80-120	1		05/28/21 23:33		
I,2-Dichlorobenzene-d4 (S)	101	%	80-120	1	05/28/21 14:33	05/28/21 23:33	2199-69-1	
Percent Moisture	Analytical Met	hod: ASTM D	2974					
	Pace Analytica	al Services - K	ansas City					
Percent Moisture	2.2	%	0.50	1		05/28/21 14:00		
0056 IC Anions	Analytical Met	hod: EPA 905	6 Preparation Meth	nod: EF	PA 9056			
	Pace Analytica		•					
Chloride	ND	mg/kg	103	10	06/01/21 08:10	06/01/21 09:41	16887-00-6	
		0 0						

REPORT OF LABORATORY ANALYSIS

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Project: MCA 108
Pace Project No.: 60370722

Sample: NSW-9	Lab ID: 603	70722004	Collected: 05/26/2	1 09:35	Received: 05	/28/21 08:37 N	latrix: Solid	
Results reported on a "dry weight" l	basis and are adj	usted for per	rcent moisture, sa	mple si	ize and any dilut	ions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Metl	nod: EPA 801	5B Preparation Me	thod: E	PA 3546			
	Pace Analytica	I Services - K	ansas City					
ГРН-DRO (С10-С28)	ND	mg/kg	10.0	1	05/28/21 14:24	06/01/21 11:58		
ГРН-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		06/01/21 11:58		
p-Terphenyl (S)	70	%	65-125	1	05/28/21 14:24	06/01/21 11:58	92-94-4	
Gasoline Range Organics	Analytical Meth	nod: EPA 801	5B Preparation Me	thod: E	PA 5035A/5030B			
	Pace Analytica	ıl Services - K	ansas City					
「PH-GRO Surrogates	ND	mg/kg	9.7	1	05/30/21 12:45	05/30/21 18:18		
-Bromofluorobenzene (S)	85	%	63-121	1	05/30/21 12:45	05/30/21 18:18	460-00-4	
3260 MSV 5035A VOA	Analytical Meth	nod: EPA 826	0B Preparation Me	thod: E	PA 5035A/5030			
	Pace Analytica	l Services - K	ansas 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	
Kylene (Total) S urrogates	ND	ug/kg	5.0	1	05/28/21 14:33	05/28/21 23:48	1330-20-7	
Toluene-d8 (S)	102	%	80-120	1	05/28/21 14:33	05/28/21 23:48	2037-26-5	
I-Bromofluorobenzene (S)	87	%	80-120	1	05/28/21 14:33	05/28/21 23:48	460-00-4	
,2-Dichlorobenzene-d4 (S)	100	%	80-120	1	05/28/21 14:33	05/28/21 23:48	2199-69-1	
Percent Moisture	Analytical Meth	nod: ASTM D2	2974					
	Pace Analytica	I Services - K	ansas City					
Percent Moisture	ND	%	0.50	1		05/28/21 14:00		
0056 IC Anions	Analytical Method: EPA 9056 Preparation Method: EPA 9056							
	Pace Analytica	I Services - K	ansas City					

REPORT OF LABORATORY ANALYSIS

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Project: MCA 108
Pace Project No.: 60370722

Sample: NSW-10	Lab ID: 603	70722005	Collected: 05/26/2	1 09:40	Received: 05	/28/21 08:37 M	latrix: Solid	
Results reported on a "dry weight	" basis and are adj	iusted for pe	rcent moisture, sa	mple s	ize and any dilut	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Met	hod: EPA 801	5B Preparation Me	thod: E	PA 3546			
	Pace Analytica	al Services - k	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	
o-Terphenyl (S)	74	%	65-125	1	05/28/21 14:24	06/01/21 12:06	92-94-4	
Gasoline Range Organics	Analytical Met	hod: EPA 801	5B Preparation Me	thod: E	PA 5035A/5030B			
	Pace Analytica	al Services - k	Kansas City					
TPH-GRO Surrogates	ND	mg/kg	9.8	1	05/30/21 12:45	05/30/21 18:39		
I-Bromofluorobenzene (S)	87	%	63-121	1	05/30/21 12:45	05/30/21 18:39	460-00-4	
3260 MSV 5035A VOA	Analytical Met	hod: EPA 826	0B Preparation Me	thod: E	PA 5035A/5030			
	Pace Analytica	al Services - k	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								
Гoluene-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 Met	hod: ASTM D	2974					
	Pace Analytica	al Services - k	Kansas City					
Percent Moisture	1.3	%	0.50	1		05/28/21 14:00		
0056 IC Anions	Analytical Met	hod: EPA 905	6 Preparation Meth	nod: EP	A 9056			
	Pace Analytica	al Services - k	Kansas City					
Chloride	ND	mg/kg	104	10	06/01/21 08:10	06/01/21 11:05	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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Project: MCA 108
Pace Project No.: 60370722

Sample: SSW-6	Lab ID: 603	70722006	Collected: 05/26/2	1 09:4	5 Received: 05	5/28/21 08:37 N	latrix: Solid	
Results reported on a "dry weight	" basis and are adj	iusted for pe	rcent moisture, sa	mple s	size and any dilu	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
3015B Diesel Range Organics	Analytical Met	hod: EPA 801	5B Preparation Me	thod: E	EPA 3546			
	Pace Analytica	al Services - K	ansas 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 Met	hod: EPA 801	5B Preparation Me	thod: E	EPA 5035A/5030B			
	Pace Analytica	al Services - K	ansas City					
ГРН-GRO Surrogates	ND	mg/kg	10.4	1	05/30/21 12:45	05/30/21 18:59		
-Bromofluorobenzene (S)	87	%	63-121	1	05/30/21 12:45	05/30/21 18:59	460-00-4	
3260 MSV 5035A VOA	Analytical Met	hod: EPA 826	0B Preparation Me	thod: E	EPA 5035A/5030			
	Pace Analytica	al Services - K	Cansas 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	
Kylene (Total) Surrogates	ND	ug/kg	5.1	1	05/28/21 14:33	05/29/21 00:19	1330-20-7	
Toluene-d8 (S)	91	%	80-120	1	05/28/21 14:33	05/29/21 00:19	2037-26-5	
1-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 Met	hod: ASTM D	2974					
	Pace Analytica	al Services - K	Cansas 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 Analytica		·					
Chloride	ND	mg/kg	103	10	06/01/21 08:10	06/01/21 11:41	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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Project: MCA 108
Pace Project No.: 60370722

Sample: SSW-7	Lab ID: 603	70722007	Collected: 05/26/2	1 09:50	Received: 05	5/28/21 08:37 N	latrix: Solid	
Results reported on a "dry weight	" basis and are ad	justed for per	cent moisture, sa	mple s	ize and any dilu	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
8015B Diesel Range Organics	•		5B Preparation Me	thod: E	PA 3546			
	Pace Analytica	al Services - K	ansas City					
ГРН-DRO (С10-С28)	37.7	mg/kg	9.8	1	05/28/21 14:24	06/01/21 12:22		
PH-ORO (C28-C35)	13.9	mg/kg	9.8	1	05/28/21 14:24	06/01/21 12:22		
Surrogates								
-Tetracosane (S)	106	%	10-170	1		06/01/21 12:22		
-Terphenyl (S)	71	%	65-125	1	05/28/21 14:24	06/01/21 12:22	92-94-4	
Sasoline Range Organics	Analytical Met	hod: EPA 8015	B Preparation Me	thod: E	PA 5035A/5030B			
5 5	Pace Analytica	al Services - K	ansas City					
TPH-GRO	ND	mg/kg	9.5	1	05/30/21 12:45	05/30/21 20:00		
Surrogates								
-Bromofluorobenzene (S)	89	%	63-121	1	05/30/21 12:45	05/30/21 20:00	460-00-4	
260 MSV 5035A VOA	Analytical Met	hod: EPA 8260	B Preparation Me	thod: E	PA 5035A/5030			
	Pace Analytica	al Services - Ka	ansas 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	
oluene	ND	ug/kg	5.0	1	05/28/21 14:33	05/29/21 00:35	108-88-3	
(ylene (Total)	ND	ug/kg	5.0	1	05/28/21 14:33	05/29/21 00:35	1330-20-7	
Surrogates								
oluene-d8 (S)	102	%	80-120	1		05/29/21 00:35		
l-Bromofluorobenzene (S)	86	%	80-120	1		05/29/21 00:35		
,2-Dichlorobenzene-d4 (S)	98	%	80-120	1	05/28/21 14:33	05/29/21 00:35	2199-69-1	
Percent Moisture	Analytical Met	hod: ASTM D2	974					
	Pace Analytica	al Services - K	ansas City					
Percent Moisture	1.3	%	0.50	1		05/28/21 14:00		
056 IC Anions	Analytical Met	hod: EPA 9056	Preparation Meth	nod: EP	A 9056			
	Pace Analytica	al Services - K	ansas City					
Chloride	ND	mg/kg	104	10	06/01/21 08:10	06/01/21 11:53	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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Project: MCA 108
Pace Project No.: 60370722

Sample: SSW-8	Lab ID: 603	70722008	Collected: 05/26/2	21 09:55	Received: 05	5/28/21 08:37 N	/latrix: Solid	
Results reported on a "dry weight	" basis and are adj	iusted for p	ercent moisture, sa	mple s	ize and any dilu	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Met	nod: EPA 80	15B Preparation Me	thod: E	PA 3546			
	Pace Analytica	l 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	95	%	10-170	1	05/00/04 44:04	00/04/04 44.40	040 04 4	
n-Tetracosane (S) p-Terphenyl (S)	95 68	%	65-125	1		06/01/21 14:10 06/01/21 14:10		
p-respirency (3)				•			92-94-4	
Gasoline Range Organics	Analytical Met	hod: EPA 80	15B Preparation Me	thod: E	PA 5035A/5030B			
	Pace Analytica	I 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 Met	hod: EPA 82	60B Preparation Me	thod: E	PA 5035A/5030			
	Pace Analytica	l 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		05/29/21 00:50		
4-Bromofluorobenzene (S)	90	%	80-120	1		05/29/21 00:50		
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 Met	hod: ASTM I	D2974					
	Pace Analytica	l Services -	Kansas City					
Percent Moisture	0.67	%	0.50	1		05/28/21 14:00		
9056 IC Anions	Analytical Met	hod: EPA 90	56 Preparation Metl	nod: EP	A 9056			
	Pace Analytica		•					
Chloride	ND	mg/kg	99.5	10	06/01/21 08:10	06/01/21 12:05	16887-00-6	
-			30.0					

REPORT OF LABORATORY ANALYSIS

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Project: MCA 108
Pace Project No.: 60370722

Sample: SSW-9	Lab ID: 603	70722009	Collected: 05/26/2	1 10:0	0 Received: 05	5/28/21 08:37 N	latrix: Solid	
Results reported on a "dry weight	" basis and are adj	iusted for pe	rcent moisture, sa	mple s	size and any dilu	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
3015B Diesel Range Organics	Analytical Met	hod: EPA 801	5B Preparation Me	thod: E	EPA 3546			
	Pace Analytica	al Services - k	Cansas 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		06/01/21 12:39		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 Met	hod: EPA 801	5B Preparation Me	thod: E	EPA 5035A/5030B			
	Pace Analytica							
TPH-GRO	ND	mg/kg	8.0	1	05/30/21 12:45	05/30/21 20:40		
Surrogates		0 0						
I-Bromofluorobenzene (S)	88	%	63-121	1	05/30/21 12:45	05/30/21 20:40	460-00-4	
3260 MSV 5035A VOA	Analytical Met	hod: EPA 826	0B Preparation Me	thod: E	EPA 5035A/5030			
	Pace Analytica	al Services - k	Cansas 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	
Kylene (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		05/29/21 01:06		S3
4-Bromofluorobenzene (S)	127	%	80-120	1		05/29/21 01:06		S3
I,2-Dichlorobenzene-d4 (S)	98	%	80-120	1	05/28/21 14:33	05/29/21 01:06	2199-69-1	
Percent Moisture	Analytical Met	hod: ASTM D	2974					
	Pace Analytica	al Services - k	Cansas City					
Percent Moisture	3.9	%	0.50	1		05/28/21 14:00		
9056 IC Anions	Analytical Met	hod: EPA 905	6 Preparation Meth	nod: EF	PA 9056			
	Pace Analytica	al Services - k	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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Project: MCA 108
Pace Project No.: 60370722

Sample: ESW-2	Lab ID: 603	70722010	Collected: 05/26/2	1 10:05	Received: 05	5/28/21 08:37 N	latrix: Solid	
Results reported on a "dry weight" b	oasis and are adj	iusted for p	ercent moisture, sa	mple s	ize and any dilut	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics			15B Preparation Me	thod: E	PA 3546			
	Pace Analytica	I 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		06/01/21 14:18		
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 Meth	hod: EPA 80	15B Preparation Me	thod: E	PA 5035A/5030B			
	Pace Analytica	l Services -	Kansas City					
TPH-GRO Surrogates	ND	mg/kg	10.5	1	05/30/21 12:45	05/30/21 21:00		
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 Meth	hod: EPA 82	60B Preparation Me	thod: E	PA 5035A/5030			
	Pace Analytica	al 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		05/29/21 01:21		S3
4-Bromofluorobenzene (S)	96	%	80-120	1		05/29/21 01:21		
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 Meth	hod: ASTM [02974					
	Pace Analytica	l 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 Analytica		•					

REPORT OF LABORATORY ANALYSIS

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Project: MCA 108
Pace Project No.: 60370722

Sample: ESW-3	Lab ID: 603	70722011	Collected: 05/26/2	21 10:10	Received: 05	5/28/21 08:37 N	latrix: Solid	
Results reported on a "dry weight	" basis and are adj	iusted for pe	rcent moisture, sa	mple s	ize and any dilu	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
3015B Diesel Range Organics	Analytical Met	hod: EPA 801	5B Preparation Me	thod: E	EPA 3546			
	Pace Analytica	al Services - K	Cansas City					
TPH-DRO (C10-C28)	ND	mg/kg	9.5	1	05/28/21 14:24	06/01/21 14:26		
ГРН-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		06/01/21 14:26		
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 Met	hod: EPA 801	5B Preparation Me	thod: E	PA 5035A/5030B			
	Pace Analytica	al Services - K	Cansas City					
TPH-GRO Surrogates	ND	mg/kg	9.1	1	05/30/21 12:45	05/30/21 21:19		
I-Bromofluorobenzene (S)	90	%	63-121	1	05/30/21 12:45	05/30/21 21:19	460-00-4	
3260 MSV 5035A VOA	Analytical Met	hod: EPA 826	0B Preparation Me	thod: E	PA 5035A/5030			
	Pace Analytica	al Services - K	Cansas 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	
Kylene (Total)	ND	ug/kg	5.0	1	05/28/21 14:33	05/29/21 01:36	1330-20-7	
Surrogates								
Гoluene-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		05/29/21 01:36		
I,2-Dichlorobenzene-d4 (S)	98	%	80-120	1	05/28/21 14:33	05/29/21 01:36	2199-69-1	
Percent Moisture	Analytical Met	hod: ASTM D	2974					
	Pace Analytica	al Services - K	Cansas City					
Percent Moisture	1.0	%	0.50	1		05/28/21 14:00		
0056 IC Anions	Analytical Met	hod: EPA 905	6 Preparation Meth	nod: EF	PA 9056			
	Pace Analytica	al Services - K	Cansas City					
Chloride	ND	mg/kg	99.2	10	06/01/21 08:10	06/01/21 12:41	16887-00-6	

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ANALYTICAL RESULTS

Project: MCA 108
Pace Project No.: 60370722

Sample: ESW-4	Lab ID: 603	70722012	Collected: 05/26/2	1 10:15	Received: 05	5/28/21 08:37 N	latrix: Solid	
Results reported on a "dry weight" b	basis and are adj	usted for pe	ercent moisture, sa	mple s	ize and any dilut	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	•		5B Preparation Me	thod: E	PA 3546			
	Pace Analytica	l Services - l	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		06/01/21 13:03		S4
o-Terphenyl (S)	0	%	65-125	10	05/28/21 14:24	06/01/21 13:03	92-94-4	S4
Gasoline Range Organics	Analytical Meth	nod: EPA 801	5B Preparation Me	thod: E	PA 5035A/5030B			
	Pace Analytica	l Services - k	Kansas City					
TPH-GRO	ND	mg/kg	9.1	1	05/30/21 12:45	05/30/21 21:38		
Surrogates		3- 3						
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 Meth	nod: EPA 826	60B Preparation Me	thod: E	PA 5035A/5030			
	Pace Analytica	l Services - k	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		05/29/21 01:52		
4-Bromofluorobenzene (S)	140	%	80-120	1		05/29/21 01:52		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 Meth	nod: ASTM D	2974					
	Pace Analytica	l Services - k	Kansas City					
Percent Moisture	6.3	%	0.50	1		05/28/21 14:00		
9056 IC Anions	Analytical Meth	nod: EPA 905	66 Preparation Meth	nod: EP	A 9056			
	Pace Analytica	l Services - k	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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Project: MCA 108
Pace Project No.: 60370722

Sample: WSW-2	Lab ID: 603	70722013	Collected: 05/26/2	1 10:20	Received: 05	i/28/21 08:37 N	latrix: Solid	
Results reported on a "dry weight" b	oasis and are adj	usted for p	ercent moisture, sa	mple s	ize and any dilut	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics			15B Preparation Me	thod: E	EPA 3546			
	Pace Analytica	I 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		06/01/21 13:11		
p-Terphenyl (S)	76	%	65-125	1	05/28/21 14:24	06/01/21 13:11	92-94-4	
Gasoline Range Organics	Analytical Meth	nod: EPA 80	15B Preparation Me	thod: E	PA 5035A/5030B			
	Pace Analytica	l Services -	Kansas City					
TPH-GRO Surrogates	ND	mg/kg	9.9	1	05/30/21 12:45	05/30/21 21:57		
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 Meth	nod: EPA 82	60B Preparation Me	thod: E	PA 5035A/5030			
	Pace Analytica	l 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		05/29/21 03:40		
4-Bromofluorobenzene (S)	95	%	80-120	1		05/29/21 03:40		
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 Meth	nod: ASTM [02974					
	Pace Analytica	l 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 Analytica		•					
	i ace Analytica	I OCI VICCO -	Ransas City					

REPORT OF LABORATORY ANALYSIS

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Project: MCA 108
Pace Project No.: 60370722

Sample: WSW-3	Lab ID: 603	70722014	Collected: 05/26/2	1 10:25	Received: 05	5/28/21 08:37 N	latrix: Solid	
Results reported on a "dry weight	" basis and are ad	iusted for pe	ercent moisture, sa	mple s	ize and any dilu	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Met	hod: EPA 80	15B Preparation Me	thod: E	PA 3546			
	Pace Analytica	al 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		06/01/21 13:35		
o-Terphenyl (S)	72	%	65-125	1	05/28/21 14:24	06/01/21 13:35	92-94-4	
Gasoline Range Organics	Analytical Met	hod: EPA 80	15B Preparation Me	thod: E	PA 5035A/5030B			
	Pace Analytica	al Services -	Kansas City					
TPH-GRO Surrogates	ND	mg/kg	10.2	1	05/30/21 12:45	05/30/21 22:16		
I-Bromofluorobenzene (S)	89	%	63-121	1	05/30/21 12:45	05/30/21 22:16	460-00-4	
3260 MSV 5035A VOA	Analytical Met	hod: EPA 820	60B Preparation Me	thod: E	PA 5035A/5030			
	Pace Analytica	al 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								
Γoluene-d8 (S)	99	%	80-120	1		05/29/21 03:55		
I-Bromofluorobenzene (S)	103	%	80-120	1		05/29/21 03:55		
I,2-Dichlorobenzene-d4 (S)	102	%	80-120	1	05/28/21 15:28	05/29/21 03:55	2199-69-1	
Percent Moisture	Analytical Met	hod: ASTM [02974					
	Pace Analytica	al Services -	Kansas City					
Percent Moisture	1.9	%	0.50	1		05/28/21 15:50		
9056 IC Anions	Analytical Met	hod: EPA 90	56 Preparation Meth	nod: EP	A 9056			
	Pace Analytica		•					
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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Project: MCA 108
Pace Project No.: 60370722

Sample: WSW-4	Lab ID: 603	70722015	Collected: 05/26/2	1 10:30	Received: 05	5/28/21 08:37 N	latrix: Solid	
Results reported on a "dry weight	" basis and are ad	iusted for p	ercent moisture, sa	mple s	ize and any dilu	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Met	hod: EPA 80	15B Preparation Me	thod: E	EPA 3546			
	Pace Analytica	al 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		06/01/21 13:43		
o-Terphenyl (S)	75	%	65-125	1	05/28/21 14:24	06/01/21 13:43	92-94-4	
Gasoline Range Organics	Analytical Met	hod: EPA 80	15B Preparation Me	thod: E	PA 5035A/5030B			
	Pace Analytica	al Services -	Kansas City					
TPH-GRO Surrogates	ND	mg/kg	9.5	1	05/30/21 12:45	05/30/21 22:36		
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 Met	hod: EPA 82	60B Preparation Me	thod: E	PA 5035A/5030			
	Pace Analytica	al 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								
Гoluene-d8 (S)	94	%	80-120	1		05/29/21 04:11		
4-Bromofluorobenzene (S)	105	%	80-120	1		05/29/21 04:11		
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 Met	hod: ASTM [02974					
	Pace Analytica	al Services -	Kansas City					
Percent Moisture	2.1	%	0.50	1		05/28/21 15:50		
9056 IC Anions	Analytical Met	hod: EPA 90	56 Preparation Metl	nod: EF	PA 9056			
	Pace Analytica		•					
Chloride	ND	mg/kg	103	10	06/01/21 08:10	06/01/21 13:30	16887-00-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: MCA 108
Pace Project No.: 60370722

QC Batch: 723494 Analysis Method: EPA 8015B

QC Batch Method: EPA 5035A/5030B 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

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

LABORATORY CONTROL SAMPLE: 2909011

LCS LCS % Rec Spike % Rec Parameter Units Conc. Result 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

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

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REPORT OF LABORATORY ANALYSIS

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Project: MCA 108
Pace Project No.: 60370722

QC Batch: 723424 Analysis Method: EPA 8260B

QC Batch Method: EPA 5035A/5030 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

		Blank	Reporting		
Parameter	Units	Result	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	E: 2908339					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% 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 SP	IKE DUPI	LICATE: 2908	340 MS	MSD	2908341							
		60370722012	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	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



Project: MCA 108
Pace Project No.: 60370722

QC Batch: 723427 Analysis Method: EPA 8260B

QC Batch Method: EPA 5035A/5030 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					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% 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 SP	IKE DUPI	LICATE: 2908		1405	2908350	ı						
		60370722015	MS Spike	MSD Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	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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Project: MCA 108
Pace Project No.: 60370722

QC Batch: 723410 Analysis Method: EPA 8015B
QC Batch Method: EPA 3546 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

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

MATRIX SPIKE & MATRIX SF	PIKE DUPL	ICATE: 2908	318		2908319							
			MS	MSD								
		60370722001	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	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			

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Project: MCA 108
Pace Project No.: 60370722

Associated Lab Samples:

QC Batch: 723419

QC Batch Method: ASTM D2974

Analysis Method: ASTM D2974

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Kansas City

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,

Blank Reporting

ParameterUnitsResultLimitAnalyzedQualifiersPercent Moisture%ND0.5005/28/21 13:59

SAMPLE DUPLICATE: 2908333

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

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REPORT OF LABORATORY ANALYSIS

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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

60370722014, 60370722015 Associated Lab Samples:

METHOD BLANK: 2908499

Matrix: Solid

Associated Lab Samples: 60370722014, 60370722015

Parameter

Blank Result Reporting

Limit

Analyzed

Qualifiers

20

Percent Moisture

Units %

ND

0.50 05/28/21 15:50

SAMPLE DUPLICATE: 2908500

60370735001 Result

Dup Result

10.8

RPD

Max

Parameter Percent Moisture

Units %

10.2

6

RPD

Qualifiers

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QUALITY CONTROL DATA

Project: MCA 108
Pace Project No.: 60370722

QC Batch: 723547 Analysis Method: EPA 9056
QC Batch 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,

Blank

60370722008, 60370722009, 60370722010, 60370722011, 60370722012, 60370722013, 60370722014,

Reporting

60370722015

Limit Qualifiers Parameter Units Result Analyzed Chloride ND 100 06/01/21 09:10 mg/kg LABORATORY CONTROL SAMPLE: 2909143 Spike LCS LCS % Rec % Rec Parameter Units Conc. Result Limits Qualifiers Chloride 500 453 91 80-120 mg/kg MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2909144 2909145 MSD MS

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

SAMPLE DUPLICATE: 2909146

Parameter Units 60370722002 Dup Max Result 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

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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

- 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.

REPORT OF LABORATORY ANALYSIS



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MCA 108
Pace Project No.: 60370722

_ab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytica Batch
60370722001	NSW-6	EPA 3546	723410	EPA 8015B	723591
0370722002	NSW-7	EPA 3546	723410	EPA 8015B	723591
0370722003	NSW-8	EPA 3546	723410	EPA 8015B	723591
0370722004	NSW-9	EPA 3546	723410	EPA 8015B	723591
0370722005	NSW-10	EPA 3546	723410	EPA 8015B	723591
0370722006	SSW-6	EPA 3546	723410	EPA 8015B	723591
0370722007	SSW-7	EPA 3546	723410	EPA 8015B	723591
0370722008	SSW-8	EPA 3546	723410	EPA 8015B	723591
0370722009	SSW-9	EPA 3546	723410	EPA 8015B	723591
370722010	ESW-2	EPA 3546	723410	EPA 8015B	723591
0370722011	ESW-3	EPA 3546	723410	EPA 8015B	723591
0370722012	ESW-4	EPA 3546	723410	EPA 8015B	723591
0370722013	WSW-2	EPA 3546	723410	EPA 8015B	723591
370722014	WSW-3	EPA 3546	723410	EPA 8015B	723591
370722015	WSW-4	EPA 3546	723410	EPA 8015B	723591
0370722001	NSW-6	EPA 5035A/5030B	723494	EPA 8015B	723496
370722002	NSW-7	EPA 5035A/5030B	723494	EPA 8015B	723496
0370722003	NSW-8	EPA 5035A/5030B	723494	EPA 8015B	723496
0370722004	NSW-9	EPA 5035A/5030B	723494	EPA 8015B	723496
370722005	NSW-10	EPA 5035A/5030B	723494	EPA 8015B	723496
370722006	SSW-6	EPA 5035A/5030B	723494	EPA 8015B	723496
370722007	SSW-7	EPA 5035A/5030B	723494	EPA 8015B	723496
370722008	SSW-8	EPA 5035A/5030B	723494	EPA 8015B	723496
370722009	SSW-9	EPA 5035A/5030B	723494	EPA 8015B	723496
370722010	ESW-2	EPA 5035A/5030B	723494	EPA 8015B	723496
370722011	ESW-3	EPA 5035A/5030B	723494	EPA 8015B	723496
370722012	ESW-4	EPA 5035A/5030B	723494	EPA 8015B	723496
370722013	WSW-2	EPA 5035A/5030B	723494	EPA 8015B	723496
370722014	WSW-3	EPA 5035A/5030B	723494	EPA 8015B	723496
370722015	WSW-4	EPA 5035A/5030B	723494	EPA 8015B	723496
370722001	NSW-6	EPA 5035A/5030	723424	EPA 8260B	723457
370722002	NSW-7	EPA 5035A/5030	723424	EPA 8260B	723457
370722003	NSW-8	EPA 5035A/5030	723424	EPA 8260B	723457
370722004	NSW-9	EPA 5035A/5030	723424	EPA 8260B	723457
370722005	NSW-10	EPA 5035A/5030	723424	EPA 8260B	723457
370722006	SSW-6	EPA 5035A/5030	723424	EPA 8260B	723457
370722007	SSW-7	EPA 5035A/5030	723424	EPA 8260B	723457
370722008	SSW-8	EPA 5035A/5030	723424	EPA 8260B	723457
370722009	SSW-9	EPA 5035A/5030	723424	EPA 8260B	723457
370722010	ESW-2	EPA 5035A/5030	723424	EPA 8260B	723457
370722011	ESW-3	EPA 5035A/5030	723424	EPA 8260B	723457
370722012	ESW-4	EPA 5035A/5030	723424	EPA 8260B	723457
0370722013	WSW-2	EPA 5035A/5030	723427	EPA 8260B	723458
0370722014	WSW-3	EPA 5035A/5030	723427	EPA 8260B	723458
0370722015	WSW-4	EPA 5035A/5030	723427	EPA 8260B	723458
370722001	NSW-6	ASTM D2974	723419		
0370722002	NSW-7	ASTM D2974	723419		

REPORT OF LABORATORY ANALYSIS





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

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt



Client Name: Tetra Tech Inc		
グリフルリンケ フドンつ	PEX □ ECI □ e Shipping Label Use	Pace □ Xroads □ Client □ Other □ d? 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: 1-298 Type of	Ice: Wet Blue No	one
Cooler Temperature (°C): As-read A. Corr. Facto	or O. Correc	ted 2.8 Date and initials of person examining contents:
Temperature should be above freezing to 6°C		5-28-21/0
Chain of Custody present:	→ Byes □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	241-
Sufficient volume:	Yes ONO ON/A	
Correct containers used:	Yes No N/A	
Pace containers used:	Yes No N/A	
Containers intact:	DYes □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	-EYes □No □N/A	
Samples contain multiple phases? Matrix: 5L	□Yes ZNo □N/A	
Containers requiring pH preservation in compliance?	□Yes □No □M/A	List sample IDs, volumes, lot #'s of preservative and the
(HNO ₃ , H ₂ SO ₄ , HCl<2; NaOH>9 Sulfide, NaOH>10 Cyanide) (Exceptions: VOA Micro O&G KS TPH OK-DRO) LOT#		date/time added.
(Exceptions: VOA, Micro, O&G, KS TPH, OK-DRO) LOT# 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 DNA	
Samples from USDA Regulated Area: State: VM	□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		Field Data Required? Y / N
Person Contacted: Date/Tii		•
Comments/ Resolution:		
Project Manager Review:	Date	31

Analysis Request	Analysis Request of Chain of Custody Record						9	(670720)	72		Page	Je	of	2
F	Totra Toch Inc		961 Mid	901 West Wall Street. Midland, Texas 79701		Suite 100						1		1
	וכנו מ וכנוו, ווונ.		(43)	(432) 682-4559	Fax (432) 682) 682-				13586	8	Š		
Client Name:	Conoco Phillips	Site Manager:	Sam Abbott	bott			ANALYSIS	li 🚾 🗆	Ι.		1			
Project Name:	MCA 108	Contact Info:	Email: s Phone:	Email: sam.abbott@tetratech.com Phone: (512) 739-7874	tetratech.o	E G		(Circle	ō	Specify	Σ	ethod N	No.)	_
Project Location: (county, state)	Lea County, New Mexico	Project #:	212C-M	212C-MD-02175										-
Invoice to:	Accounts Payable 901 West Wall Street, Suite 100 Midland, Thuas 79701						((18		
Receiving Laboratory:	Pace Analytical	Sampler Signature:		John Thurston			оям -					SCHOOL II		
Comments: COPTET	COPTETRA Accinum						(9)			_				-
		SAMPLING	MATRIX		PRESERVATIVE	-				J. 8270	-			
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8	SSW-9	5/26/2021 10:00	×		×	Z -	×					×		\vdash
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Analysis Request of Chain of Custody Record		Cono	MCA 108	Lea County, New Mexico	Accounts Payable 901 West Wall Str	Pace Analytical	COPTETRA Acctnum													Col			1	
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Firefox

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Time estimate: Oh	Time spent: oh	
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HM Hailey Melson (responsible)	Christopher McCord	EM Erica McNeese
Parameter(s) past holding tim	ie	CHANCE OF THE PROPERTY OF THE
✓ 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: Insufficie	ent packing material around co	ntainer
If broken container: Insufficie	ent packing material inside cool	ler
If broken container: Imprope	r handling by carrier:	
If broken container: Sample v	vas frozen	
If broken container: Containe	r lid not intact	
Client informed by Call		
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Client Contact:Sam Abbott	-ME-IX MOVIEC HINDERS OF ISSUED	OF THE RESERVE OF THE PERSON O
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All ice melted. Temp=8.4	icancia Saman	
Erica McNeese	**************************************	27 May 2021 1:24 PM
Run as received.		





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

This Word

Project Manager

Enclosures







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

REPORT OF LABORATORY ANALYSIS





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

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
30370825004	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
0370825007	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

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: 603	70825001	Collected: 05/27/2	21 09:2	0 Received: 06	/01/21 08:20 N	latrix: Solid	
Results reported on a "dry weight	" basis and are adj	justed for pe	ercent moisture, sa	mple s	size and any dilu	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
8015B Diesel Range Organics	Analytical Met	hod: EPA 801	I5B Preparation Me	ethod: E	EPA 3546			
	Pace Analytica	al Services - l	Kansas City					
TPH-DRO (C10-C28)	ND	mg/kg	10.9	1	06/01/21 16:57	06/02/21 10:36		
PH-ORO (C28-C35) Surrogates	ND	mg/kg	10.9	1	06/01/21 16:57	06/02/21 10:36		
n-Tetracosane (S)	88	%	10-170	1		06/02/21 10:36		
-Terphenyl (S)	69	%	65-125	1	06/01/21 16:57	06/02/21 10:36	92-94-4	
Gasoline Range Organics	Analytical Met Pace Analytica		I5B Preparation Me Kansas City	ethod: E	EPA 5035A/5030B			
ГРН-GRO Surrogates	ND	mg/kg	12.1	1	06/01/21 17:00	06/02/21 00:08		
4-Bromofluorobenzene (S)	89	%	63-121	1	06/01/21 17:00	06/02/21 00:08	460-00-4	
2260 MSV 5035A VOA	Analytical Met Pace Analytica		60B Preparation Me Kansas City	ethod: E	EPA 5035A/5030			
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	
oluene	ND	ug/kg	5.6	1	06/01/21 14:30	06/01/21 15:44	108-88-3	
(ylene (Total) Surrogates	ND	ug/kg	5.6	1	06/01/21 14:30	06/01/21 15:44	1330-20-7	
Toluene-d8 (S)	98	%	80-120	1		06/01/21 15:44		
-Bromofluorobenzene (S)	99	%	80-120	1		06/01/21 15:44		
,2-Dichlorobenzene-d4 (S)	100	%	80-120	1	06/01/21 14:30	06/01/21 15:44	2199-69-1	
Percent Moisture	Analytical Met							
	Pace Analytica	al Services - I	Kansas City					
Percent Moisture	11.3	%	0.50	1		06/01/21 16:14		
056 IC Anions	Analytical Met	hod: EPA 905	66 Preparation Met	hod: EF	PA 9056			
	Pace Analytica	al Services - l	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: 603	70825002	Collected: 05/27/2	21 09:2	5 Received: 06	/01/21 08:20 M	latrix: Solid	
Results reported on a "dry weight	" basis and are adj	justed for pe	ercent moisture, sa	mple s	size and any dilu	ions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
015B Diesel Range Organics	Analytical Met		15B Preparation Me Kansas City	ethod: E	EPA 3546			
PH-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		06/02/21 11:00		
Surrogates		3. 3						
n-Tetracosane (S)	0	%	31-152	10	06/01/21 16:57	06/02/21 11:00	646-31-1	S4
o-Terphenyl (S)	0	%	46-130	10	06/01/21 16:57	00/00/04 44.00	00 04 4	S4

REPORT OF LABORATORY ANALYSIS

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Project: MCA 108 212C-MD-02175

Pace Project No.: 60370825

Results reported on a "dry weight"		70825002	Collected: 05/27/2	1 09:2	5 Received: 06	/01/21 08:20 N	latrix: Solid	
	" basis and are adj	usted for pe	rcent moisture, sa	mple s	size and any dilut	ions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Meth Pace Analytica		5B Preparation Me Cansas City	thod: E	EPA 5035A/5030B			
TPH-GRO Surrogates	ND	mg/kg	10.3	1	06/01/21 17:00	06/02/21 00:28		
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 Meth Pace Analytica		0B Preparation Me Kansas City	thod: E	EPA 5035A/5030			
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) Surrogates	ND	ug/kg	5.1	1	06/01/21 14:30	06/01/21 17:18	1330-20-7	
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 Meth Pace Analytica							
Percent Moisture	3.2	%	0.50	1		06/01/21 16:14		
9056 IC Anions	Analytical Meth	od: EPA 905	6 Preparation Meth	nod: EF	PA 9056			
9030 IC AIIIOIIS	Pace Analytica	l Services - k	Cansas City					
Chloride	Pace Analytica ND	l Services - k mg/kg	Cansas City	10	06/02/21 06:20	06/02/21 12:12	16887-00-6	
	ND Lab ID: 603	mg/kg 70825003	103 Collected: 05/27/2	1 09:3	0 Received: 06	/01/21 08:20 M	16887-00-6 flatrix: Solid CAS No.	Qual
Chloride Sample: FS-11 Results reported on a "dry weight"	ND Lab ID: 6037 " basis and are adjuments Results	mg/kg 70825003 usted for pe Units	Collected: 05/27/2 rcent moisture, sa Report Limit 5B Preparation Me	1 09:3 mple s DF	0 Received: 06 Size and any dilute Prepared	/01/21 08:20 M	latrix: Solid	Qual
Chloride Sample: FS-11 Results reported on a "dry weight" Parameters 8015B Diesel Range Organics	Lab ID: 603: " basis and are adjument of the second of the	mg/kg 70825003 usted for pe Units nod: EPA 801 I Services - k	Collected: 05/27/2 rcent moisture, sa Report Limit 5B Preparation Me	1 09:3 mple s DF	0 Received: 06 Size and any dilute Prepared EPA 3546	/01/21 08:20 M	latrix: Solid	Qual
Chloride Sample: FS-11 Results reported on a "dry weight" Parameters 8015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35)	Lab ID: 6037 " basis and are adjunction Results Analytical Methodology Pace Analytica	mg/kg 70825003 usted for pe Units	Collected: 05/27/2 rcent moisture, sa Report Limit 5B Preparation Me Cansas City	1 09:3 mple s DF thod: E	0 Received: 06 Size and any dilute Prepared EPA 3546 06/01/21 16:57	/01/21 08:20 M ions. Analyzed	latrix: Solid	Qual
Chloride Sample: FS-11 Results reported on a "dry weight" Parameters 8015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates	Lab ID: 6037 Thasis and are adjusted Results Analytical Methodology Pace Analytica ND	mg/kg 70825003 usted for pe Units nod: EPA 801 I Services - k mg/kg	Collected: 05/27/2 rcent moisture, sa Report Limit 5B Preparation Me Cansas City 10.6	1 09:3 mple s DF thod: E	0 Received: 06 Size and any dilute Prepared EPA 3546 06/01/21 16:57 06/01/21 16:57	/01/21 08:20 M ions. Analyzed 06/02/21 11:09	flatrix: Solid CAS No.	Qual
Chloride Sample: FS-11 Results reported on a "dry weight" Parameters 8015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates n-Tetracosane (S)	Lab ID: 603: " basis and are adjunction Results Analytical Method Pace Analytica ND ND	mg/kg 70825003 usted for pe Units nod: EPA 801 I Services - k mg/kg mg/kg	Collected: 05/27/2 rcent moisture, sa Report Limit 5B Preparation Me cansas City 10.6 10.6	of 1 09:3 mple so DF thod: E	0 Received: 06 Size and any dilute Prepared EPA 3546 06/01/21 16:57 06/01/21 16:57	/01/21 08:20 Mions. Analyzed 06/02/21 11:09 06/02/21 11:09	flatrix: Solid CAS No. 646-31-1	Qual
Chloride Sample: FS-11 Results reported on a "dry weight" Parameters 8015B Diesel Range Organics TPH-DRO (C10-C28)	Lab ID: 603; Thasis and are adjunction Results Analytical Method Pace Analytica ND ND ND 89 72	mg/kg 70825003 usted for pe Units nod: EPA 801 I Services - k mg/kg mg/kg % % nod: EPA 801	Collected: 05/27/2 rcent moisture, sa Report Limit 5B Preparation Me (ansas City 10.6 10.170 65-125 5B Preparation Me	1 09:3 mple s DF thod: E	0 Received: 06 Size and any dilute Prepared EPA 3546 06/01/21 16:57 06/01/21 16:57 06/01/21 16:57	/01/21 08:20 M ions. Analyzed 06/02/21 11:09 06/02/21 11:09	flatrix: Solid CAS No. 646-31-1	Qual
Chloride Sample: FS-11 Results reported on a "dry weight" Parameters 8015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S)	Lab ID: 603: Results Analytical Methodology Pace Analytica ND ND 89 72 Analytical Methodology	mg/kg 70825003 usted for pe Units nod: EPA 801 I Services - k mg/kg mg/kg % % nod: EPA 801	Collected: 05/27/2 rcent moisture, sa Report Limit 5B Preparation Me (ansas City 10.6 10.170 65-125 5B Preparation Me	1 09:3 mple s DF thod: E	0 Received: 06 Size and any dilute Prepared EPA 3546 06/01/21 16:57 06/01/21 16:57 06/01/21 16:57 EPA 5035A/5030B	/01/21 08:20 M ions. Analyzed 06/02/21 11:09 06/02/21 11:09	flatrix: Solid CAS No. 646-31-1	Qual

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: MCA 108 212C-MD-02175

Pace Project No.: 60370825

Lab ID: 60370825003 Collected: 05/27/21 09:30 Received: 06/01/21 08:20 Sample: FS-11 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 ND 5.3 Benzene ug/kg 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) 5.3 06/01/21 14:30 06/01/21 15:59 1330-20-7 ND ug/kg Surrogates Toluene-d8 (S) 97 % 80-120 06/01/21 14:30 06/01/21 15:59 2037-26-5 1 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 06/01/21 14:30 06/01/21 15:59 2199-69-1 Analytical Method: ASTM D2974 **Percent Moisture** Pace Analytical Services - Kansas City % 0.50 06/01/21 16:14 Percent Moisture 6.3 1 9056 IC Anions Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City Chloride 201 103 06/02/21 06:20 06/02/21 12:29 16887-00-6 mg/kg 10 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 Analytical Method: EPA 8015B Preparation Method: EPA 3546 8015B Diesel Range Organics 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 40.1 06/01/21 16:57 06/02/21 11:17 mg/kg 1 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 06/01/21 16:57 06/02/21 11:17 92-94-4 Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B **Gasoline Range Organics** Pace Analytical Services - Kansas City mg/kg TPH-GRO ND 15.9 1 06/01/21 17:00 06/02/21 01:47 Surrogates 84 % 63-121 06/01/21 17:00 06/02/21 01:47 460-00-4 4-Bromofluorobenzene (S) 1 8260 MSV 5035A VOA Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 Pace Analytical Services - Kansas City ND 6.7 06/01/21 14:30 06/01/21 16:15 71-43-2 Benzene ug/kg 1 6.7 Ethylbenzene ND ug/kg 1 06/01/21 14:30 06/01/21 16:15 100-41-4 Toluene ND ug/kg 6.7 06/01/21 14:30 06/01/21 16:15 108-88-3 1 Xylene (Total) 6.7 06/01/21 14:30 06/01/21 16:15 1330-20-7 ND ug/kg Surrogates 104 % Toluene-d8 (S) 80-120 06/01/21 14:30 06/01/21 16:15 2037-26-5

REPORT OF LABORATORY ANALYSIS

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Project: MCA 108 212C-MD-02175

Pace Project No.: 60370825

Sample: FS-12	Lab ID: 603	70825004	Collected: 05/27/2	21 09:3	Received: 06	701/21 08:20 IV	latrix: Solid	
Results reported on a "dry weight	" basis and are adj	usted for per	rcent moisture, sa	mple s	ize and any dilut	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
2260 MSV 5035A VOA	Analytical Meth Pace Analytica		0B Preparation Me	ethod: E	PA 5035A/5030			
Surrogates 1-Bromofluorobenzene (S) 1,2-Dichlorobenzene-d4 (S)	92 99	% %	80-120 80-120	1 1		06/01/21 16:15 06/01/21 16:15		
Percent Moisture	Analytical Meth Pace Analytica							
Percent Moisture	25.5	%	0.50	1		06/01/21 16:14		
0056 IC Anions	Analytical Meth Pace Analytica		6 Preparation Meth	nod: EF	A 9056			
Chloride	283	mg/kg	138	10	06/02/21 06:20	06/02/21 12:45	16887-00-6	
Sample: FS-13 Results reported on a "dry weight	Lab ID: 603 basis and are adj		Collected: 05/27/2 rcent moisture, sa				latrix: Solid	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
Parameters 8015B Diesel Range Organics		nod: EPA 801	5B Preparation Me		-	Analyzed	CAS No.	Qua
8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35)	Analytical Meth	nod: EPA 801	5B Preparation Me		PA 3546 06/01/21 16:57	Analyzed 06/02/21 11:25 06/02/21 11:25	CAS No.	Qua
PH-DRO (C10-C28) PH-ORO (C28-C35) Surrogates I-Tetracosane (S)	Analytical Meth Pace Analytica ND ND	nod: EPA 8019 I Services - K mg/kg mg/kg %	5B Preparation Me ansas City 10.4 10.4 10-170	ethod: E	06/01/21 16:57 06/01/21 16:57 06/01/21 16:57	06/02/21 11:25 06/02/21 11:25 06/02/21 11:25	646-31-1	Qua
PH-DRO (C10-C28) PH-ORO (C28-C35) Surrogates 1-Tetracosane (S) 1-Terphenyl (S)	Analytical Meth Pace Analytica ND ND 97 80 Analytical Meth	mod: EPA 8019 I Services - K mg/kg mg/kg % % mod: EPA 8019	5B Preparation Me 2ansas City 10.4 10.4 10-170 65-125 5B Preparation Me	ethod: E 1 1 1 1	06/01/21 16:57 06/01/21 16:57 06/01/21 16:57 06/01/21 16:57	06/02/21 11:25 06/02/21 11:25 06/02/21 11:25 06/02/21 11:25	646-31-1	Qua
GO15B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Gurrogates 1-Tetracosane (S) 1-Terphenyl (S) Gasoline Range Organics TPH-GRO	Analytical Meth Pace Analytica ND ND 97 80	mod: EPA 8019 I Services - K mg/kg mg/kg % % mod: EPA 8019	5B Preparation Me 2ansas City 10.4 10.4 10-170 65-125 5B Preparation Me	ethod: E 1 1 1 1	06/01/21 16:57 06/01/21 16:57 06/01/21 16:57 06/01/21 16:57 06/01/21 16:57	06/02/21 11:25 06/02/21 11:25 06/02/21 11:25 06/02/21 11:25	646-31-1	Qua
O15B Diesel Range Organics PH-DRO (C10-C28) PH-ORO (C28-C35) Surrogates -Tetracosane (S) -Terphenyl (S) Gasoline Range Organics PH-GRO Eurrogates	Analytical Meth Pace Analytica ND ND 97 80 Analytical Meth Pace Analytica	nod: EPA 801: I Services - K mg/kg mg/kg % wnod: EPA 801: I Services - K	5B Preparation Me (ansas City 10.4 10.4 10-170 65-125 5B Preparation Me (ansas City	ethod: E 1 1 1 1 1 ethod: E	PA 3546 06/01/21 16:57 06/01/21 16:57 06/01/21 16:57 06/01/21 16:57 PA 5035A/5030B 06/01/21 17:00	06/02/21 11:25 06/02/21 11:25 06/02/21 11:25 06/02/21 11:25	646-31-1 92-94-4	Qua
PH-DRO (C10-C28) PH-DRO (C28-C35) FPH-ORO (C28-C35) FUTTO (C28-C35) FUTTO (C38-C35) FUTTO (C38	Analytical Meth Pace Analytica ND ND 97 80 Analytical Meth Pace Analytical ND 87	mod: EPA 801: I Services - K mg/kg mg/kg % nod: EPA 801: I Services - K mg/kg %	5B Preparation Me ansas City 10.4 10-170 65-125 5B Preparation Me ansas City 10.6 63-121 0B Preparation Me	ethod: E 1 1 1 1 tethod: E	06/01/21 16:57 06/01/21 16:57 06/01/21 16:57 06/01/21 16:57 06/01/21 16:57 EPA 5035A/5030B 06/01/21 17:00 06/01/21 17:00	06/02/21 11:25 06/02/21 11:25 06/02/21 11:25 06/02/21 11:25 06/02/21 02:05	646-31-1 92-94-4	Qua
RO15B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) FURDER OF COMMERCE OF COM	Analytical Meth Pace Analytical ND ND 97 80 Analytical Meth Pace Analytical ND 87 Analytical Meth Pace Analytical ND ND ND	mod: EPA 8018 I Services - K mg/kg mg/kg % nod: EPA 8018 I Services - K mg/kg % nod: EPA 8266 I Services - K ug/kg ug/kg	5B Preparation Me (ansas City 10.4 10.4 10-170 65-125 5B Preparation Me (ansas City 10.6 63-121 0B Preparation Me (ansas City 5.2 5.2	ethod: E 1 1 1 1 1 1 1 tethod: E 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2PA 3546 06/01/21 16:57 06/01/21 16:57 06/01/21 16:57 06/01/21 16:57 2PA 5035A/5030B 06/01/21 17:00 06/01/21 17:00 2PA 5035A/5030 06/01/21 14:30 06/01/21 14:30	06/02/21 11:25 06/02/21 11:25 06/02/21 11:25 06/02/21 11:25 06/02/21 02:05 06/02/21 02:05 06/02/21 02:05	646-31-1 92-94-4 460-00-4 71-43-2 100-41-4	Qua
RO15B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) FURDER OF CONTROL OF CO	Analytical Mether Pace Analytical ND ND 97 80 Analytical Mether Pace Analytical ND 87 Analytical Mether Pace Analytical Mether Pace Analytical ND ND	mod: EPA 8018 I Services - K mg/kg mg/kg % nod: EPA 8018 I Services - K mg/kg % nod: EPA 8266 I Services - K ug/kg	5B Preparation Me fansas City 10.4 10.4 10-170 65-125 5B Preparation Me fansas City 10.6 63-121 0B Preparation Me fansas City 5.2	ethod: E 1 1 1 1 1 1 1 tethod: E	2PA 3546 06/01/21 16:57 06/01/21 16:57 06/01/21 16:57 06/01/21 16:57 2PA 5035A/5030B 06/01/21 17:00 06/01/21 17:00 2PA 5035A/5030 06/01/21 14:30 06/01/21 14:30 06/01/21 14:30	06/02/21 11:25 06/02/21 11:25 06/02/21 11:25 06/02/21 11:25 06/02/21 02:05 06/02/21 02:05	646-31-1 92-94-4 460-00-4 71-43-2 100-41-4 108-88-3	Qua
	Analytical Meth Pace Analytical ND ND 97 80 Analytical Meth Pace Analytical ND 87 Analytical Meth Pace Analytical ND ND ND ND	nod: EPA 8018 I Services - K mg/kg mg/kg % nod: EPA 8018 I Services - K mg/kg % nod: EPA 8260 I Services - K ug/kg ug/kg ug/kg	5B Preparation Me (ansas City 10.4 10.4 10-170 65-125 5B Preparation Me (ansas City 10.6 63-121 0B Preparation Me (ansas City 5.2 5.2 5.2	ethod: E 1 1 1 1 1 1 1 tethod: E 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1PA 3546 06/01/21 16:57 06/01/21 16:57 06/01/21 16:57 06/01/21 16:57 06/01/21 16:57 06/01/21 17:00 06/01/21 17:00 06/01/21 17:00 06/01/21 14:30 06/01/21 14:30 06/01/21 14:30 06/01/21 14:30 06/01/21 14:30	06/02/21 11:25 06/02/21 11:25 06/02/21 11:25 06/02/21 11:25 06/02/21 02:05 06/02/21 02:05 06/02/21 02:05	646-31-1 92-94-4 460-00-4 71-43-2 100-41-4 108-88-3 1330-20-7 2037-26-5	Qua

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ANALYTICAL RESULTS

Project: MCA 108 212C-MD-02175

Pace Project No.: 60370825 Collected: 05/27/21 09:40 Received: 06/01/21 08:20 Sample: FS-13 Lab ID: 60370825005 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 Prepared Analyzed CAS No. Qual Analytical Method: ASTM D2974 **Percent Moisture** Pace Analytical Services - Kansas City Percent Moisture 0.50 4.7 1 06/01/21 16:14 9056 IC Anions Analytical Method: EPA 9056 Preparation Method: EPA 9056 Pace Analytical Services - Kansas City Chloride 136 107 10 06/02/21 06:20 06/02/21 13:01 16887-00-6 mg/kg 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 Analytical Method: EPA 8015B Preparation Method: EPA 3546 8015B Diesel Range Organics Pace Analytical Services - Kansas City TPH-DRO (C10-C28) ND 10.6 mg/kg 1 06/01/21 16:57 06/02/21 11:33 TPH-ORO (C28-C35) ND 06/01/21 16:57 06/02/21 11:33 mg/kg 10.6 1 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 Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B **Gasoline Range Organics** Pace Analytical Services - Kansas City ND TPH-GRO mg/kg 10.4 06/01/21 17:00 06/02/21 02:24 Surrogates 4-Bromofluorobenzene (S) 88 63-121 06/01/21 17:00 06/02/21 02:24 460-00-4 Analytical Method: EPA 8260B Preparation Method: EPA 5035A/5030 8260 MSV 5035A VOA Pace Analytical Services - Kansas City ND Benzene 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 5.3 06/01/21 14:30 06/01/21 16:46 1330-20-7 ug/kg Surrogates % 96 06/01/21 14:30 06/01/21 16:46 2037-26-5 Toluene-d8 (S) 80-120 1 % 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 Analytical Method: ASTM D2974 **Percent Moisture** Pace Analytical Services - Kansas City Percent Moisture 0.50 1 6.0 06/01/21 16:14 Analytical Method: EPA 9056 Preparation Method: EPA 9056 9056 IC Anions Pace Analytical Services - Kansas City

REPORT OF LABORATORY ANALYSIS

105

10

06/02/21 06:20 06/02/21 13:18 16887-00-6

146

mg/kg

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Date: 06/02/2021 04:43 PM

Chloride





Project: MCA 108 212C-MD-02175

Pace Project No.: 60370825

Sample: FS-15	Lab ID: 603	70825007	Collected: 05/27/2	21 09:50	Received: 06	i/01/21 08:20 N	latrix: Solid	
Results reported on a "dry weight" b	basis and are adj	iusted for p	ercent moisture, sa	mple s	ize and any dilut	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Met	hod: EPA 80	15B Preparation Me	thod: E	PA 3546			
	Pace Analytica	al 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 Met	hod: EPA 80	15B Preparation Me	thod: E	PA 5035A/5030B			
	Pace Analytica	al Services -	Kansas City					
TPH-GRO Surrogates	ND	mg/kg	10.6	1	06/01/21 17:00	06/02/21 02:44		
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 Met	hod: EPA 82	60B Preparation Me	thod: E	PA 5035A/5030			
	Pace Analytica	al 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 17:02		
1,2-Dichlorobenzene-d4 (S)	102	%	80-120	1		06/01/21 17:02		
Percent Moisture	Analytical Met	hod: ASTM Γ)2974					
	Pace Analytica							
Percent Moisture	4.1	%	0.50	1		06/01/21 16:14		
9056 IC Anions	Analytical Met	hod: EPA 90	56 Preparation Meth	nod: EP	A 9056			
	Pace Analytica	al 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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Project: MCA 108 212C-MD-02175

Pace Project No.: 60370825

QC Batch Method:

TPH-GRO

QC Batch: 723659

EPA 5035A/5030B

Analysis Method:

EPA 8015B

Analysis Description:

Gasoline Range Organics

Laboratory:

Pace Analytical Services - Kansas City

60370825001, 60370825002, 60370825003, 60370825004, 60370825005, 60370825006, 60370825007 Associated Lab Samples:

METHOD BLANK: Matrix: Solid

%

Associated Lab Samples: 60370825001, 60370825002, 60370825003, 60370825004, 60370825005, 60370825006, 60370825007

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

LABORATORY CONTROL SAMPLE: 2909457

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2909458 2909459 MS MSD 60370735003 Spike Spike MS MSD MS MSD % Rec Max Parameter Units Result Conc. Conc. Result Result % Rec % Rec Limits **RPD** RPD Qual TPH-GRO mg/kg ND 64 64 60.0 60.4 91 29-143 26 4-Bromofluorobenzene (S) 88 92 63-121

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REPORT OF LABORATORY ANALYSIS

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Project: MCA 108 212C-MD-02175

Pace Project No.: 60370825

QC Batch: 723717 Analysis Method: EPA 8260B

QC Batch Method: EPA 5035A/5030 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

		Blank	Reporting		
Parameter	Units	Result	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					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% 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 SP	IKE DUPI	LICATE: 2909	•	2909572								
		60370591001	MS Spike	MSD Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	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	

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Project: MCA 108 212C-MD-02175

Pace Project No.: 60370825

QC Batch: 723724 Analysis Method: EPA 8015B
QC Batch Method: EPA 3546 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

		Blank	Reporting		
Parameter	Units	Result	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					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% 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 S	PIKE DUPLI	CATE: 2909	600		2909601							
			MS	MSD								
	6	60370825001	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	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			

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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

Blank Reporting

Parameter Units Result Limit Analyzed Qualifiers

Percent Moisture % ND 0.50 06/01/21 16:13

SAMPLE DUPLICATE: 2909657

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

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Project: MCA 108 212C-MD-02175

Pace Project No.: 60370825

QC Batch: 723811 Analysis Method: EPA 9056
QC Batch 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

Blank Reporting

Parameter Units Result Limit Analyzed Qualifiers

Chloride mg/kg ND 100 06/02/21 07:59

LABORATORY CONTROL SAMPLE: 2909763

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2909764 2909765

MS MSD

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

SAMPLE DUPLICATE: 2909766

Parameter Units 60370315002 Dup Max Result RPD Qualifiers

Chloride mg/kg ND 132J 15

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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.

REPORT OF LABORATORY ANALYSIS

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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	Analytica 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
0370825007	FS-15	EPA 3546	723724	EPA 8015B	723894
60370825001	FS-2	EPA 5035A/5030B	723659	EPA 8015B	723813
0370825002	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
0370825002	FS-10	EPA 5035A/5030	723717	EPA 8260B	723735
0370825003	FS-11	EPA 5035A/5030	723717	EPA 8260B	723735
0370825004	FS-12	EPA 5035A/5030	723717	EPA 8260B	723735
0370825005	FS-13	EPA 5035A/5030	723717	EPA 8260B	723735
0370825006	FS-14	EPA 5035A/5030	723717	EPA 8260B	723735
0370825007	FS-15	EPA 5035A/5030	723717	EPA 8260B	723735
60370825001	FS-2	ASTM D2974	723754		
60370825002	FS-10	ASTM D2974	723754		
0370825003	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
0370825002	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
0370825005	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

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Sample Condition Upon Receipt



Client Name: Tetra Tech Inc.		
Courier: FedEx UPS UPS VIA Clay	PEX 🗆 ECI 🗆	Pace ☐ Xroads ☐ Client ☐ Other ☐
Tracking #: 8155 8629 9370 Pag	ce Shipping Label Use	d? Yes □ No 🖅
Custody Seal on Cooler/Box Present: Yes No 🗆	Seals intact: Yes	No □
Packing Material: Bubble Wrap □ Bubble Bags	Foam 🗆	None □ Other □ 31C
Thermometer Used: 1-298 Type o	fice: Wet Blue No	ACCOUNT OF THE PARTY OF THE PAR
	tor OO Correc	Date and initials of person
Temperature should be above freezing to 6°C		6.1.510
Chain of Custody present:	□Yes □No □N/A	
Chain of Custody relinquished:	Yes ONO ON/A	
Samples arrived within holding time:	Yes No N/A	
Short Hold Time analyses (<72hr):	□Yes ØNo □N/A	
Rush Turn Around Time requested:	Yes ONO ON/A	24 Kr TAT
Sufficient volume:	☐Yes ☐No ☐N/A	
Correct containers used:	✓Yes □No □N/A	
Pace containers used:	Mes □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?	□Yes □No ☑N/A	List sample IDs, volumes, lot #'s of preservative and the date/time added.
(HNO ₃ , H ₂ SO ₄ , HCl<2; NaOH>9 Sulfide, NaOH>10 Cyanide) (Exceptions: VOA, Micro, O&G, KS TPH, OK-DRO) LOT#		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:	□Yes ZNo □N/A	Lea County
Additional labels attached to 5035A / TX1005 vials in the field	? □Yes □No ØN/A	8
Client Notification/ Resolution: Copy COC to	Client? Y / N	Field Data Required? Y / N
Person Contacted: Date/1	ime:	
Comments/ Resolution:		
וו רר הו		
Project Manager Review: UCITEU \$1000EF	Date	j.
TOTAL OF THE PROPERTY OF THE P	_ Date	· ·

Received by OCD: 7/12/2021 10:32:13 PM Page 82 of 233 НОГР PH 8015R οţ 48 hr. 72 hr. anion/Cation Balance Page: 1 Water Chemistry (see attached list) Special Report Limits or TRRP Report SQT Circle or Specify Method X RUSH: Same Day (24 hr. × × × Tracking # ANALYSIS REQUEST 5730(200) Rush Charges Authorized (Asbestos) CB,8 8082 / 608 (Circle) HAND DELIVERED FEDEX UPS 85\0C\625 JoV ,imaS SM\DS Standard REMARKS: -CLP Semi Volatiles Ag As Ba Cd Cr Pb Se Hg Sample Temperature otal Metals Ag As Ba Cd Cr Pb Se Hg AB USE ONLY TPH 8015M (GRO - DRO - ORO - MRO) × × × × TX 1005 (Ext to C35) × z z z z z Z z FILTERED (Y/N) 901 West Wall Street, Suite 100 # CONTAINERS Email: sam.abbott@tetratech.com Phone: (512) 739-7874 Midland, Texas 79701 Tel (432) 682-4559 Fax (432) 682-3946 PRESERVATIVE Time: METHOD NONE ICE × × × × × × × John Thurston 212C-MD-02175 Date: HCF Sam Abbott MATRIX TIOS × **NATER** TIME 9:20 9:25 9:30 9:35 9:40 9:45 9:50 ORIGINAL COP Sampler Signature: SAMPLING Site Manager: Contact Info: Received by: Received by 5/27/2021 5/27/2021 5/27/2021 5/27/2021 5/27/2021 EAR: 202 5/27/2021 5/27/2021 Project #: DATE Accounts Payable 901 West Wall Street, Suite 100 Midland, Texas 79701 004 Tetra Tech, Inc. Time: Time: SAMPLE IDENTIFICATION Analysis Request of Chain of Custody Record 182/5 Date: FS-12 FS-13 FS-15 FS-10 FS-11 FS-14 Lea County, New Mexico Conoco Phillips Pace Analytical **MCA 108** COPTETRA Acctnum Receiving Laboratory: Project Location: Seljudnished by: Page 19 of 19 elinquished by: Project Name: (county, state) 6 elinquished by Client Name: LAB USE Comments: LAB# Invoice to: ONLY

Released to Imaging: 9/16/2022 1:21:13 PM





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

This Word

1(913)563-1401 Project Manager

Enclosures

cc: John Thurston, Tetra Tech-Houston TX







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

REPORT OF LABORATORY ANALYSIS





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

REPORT OF LABORATORY ANALYSIS

(913)599-5665



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
0371067002	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
0371067003	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
0371067004	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
0371067005	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
0371067006	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
0371067007	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



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

REPORT OF LABORATORY ANALYSIS



Project:	MCA 108
Pace Project No.:	60371067

Sample: NSW-3	Lab ID: 603	71067001	Collected: 06/02/2	21 09:2	0 Received: 06	5/03/21 08:30 N	latrix: Solid	
Results reported on a "dry weight	" basis and are ad	justed for pe	ercent moisture, sa	mple s	size and any dilu	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
015B Diesel Range Organics	Analytical Met	hod: EPA 801	I5B Preparation Me	ethod: E	EPA 3546			
	Pace Analytica							
TPH-DRO (C10-C28)	ND	mg/kg	14.4	1	06/03/21 13:36	06/04/21 01:46		
PH-ORO (C28-C35)	ND	mg/kg	14.4	1		06/04/21 01:46		
-Tetracosane (S)	78	%	31-152	1	06/03/21 13:36	06/04/21 01:46	646-31-1	
-Terphenyl (S)	85	%	46-130	1	06/03/21 13:36	06/04/21 01:46	92-94-4	
Gasoline Range Organics	Analytical Met Pace Analytica		I5B Preparation Me Kansas City	ethod: E	EPA 5035A/5030B			
TPH-GRO Surrogates	ND	mg/kg	9.8	1	06/03/21 09:10	06/03/21 15:01		
l-Bromofluorobenzene (S)	92	%	63-121	1	06/03/21 09:10	06/03/21 15:01	460-00-4	
3260 MSV 5035A VOA	Analytical Met Pace Analytica		60B Preparation Me Kansas City	ethod: E	EPA 5035A/5030			
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 20:11		
oluene	ND	ug/kg	5.0	1		06/03/21 20:11		
(ylene (Total) Surrogates	ND	ug/kg	5.0	1	06/03/21 14:02	06/03/21 20:11	1330-20-7	
Toluene-d8 (S)	98	%	80-120	1		06/03/21 20:11		
l-Bromofluorobenzene (S)	105	%	80-120	1		06/03/21 20:11		
,2-Dichlorobenzene-d4 (S)	102	%	80-120	1	06/03/21 14:02	06/03/21 20:11	2199-69-1	
Percent Moisture	Analytical Met							
	Pace Analytica	al Services - I	Kansas City					
Percent Moisture	2.8	%	0.50	1		06/03/21 11:48		
0056 IC Anions	Analytical Met Pace Analytica		56 Preparation Metl Kansas Citv	hod: EF	PA 9056			
Chloride	ND	mg/kg	103	10	06/03/21 14:00	06/03/21 21:03	16887-00-6	
Sample: NSW-4	Lab ID: 603	71067002	Collected: 06/02/2	21 09:2	5 Received: 06	5/03/21 08:30 M	Matrix: Solid	
Results reported on a "dry weight	" basis and are ad	justed for pe	ercent moisture, sa	mple s	size and any dilu	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
015B Diesel Range Organics	Analytical Met Pace Analytica		I5B Preparation Me Kansas City	ethod: E	EPA 3546			
PH-DRO (C10-C28)	ND	mg/kg	9.8	1	06/03/21 13:36	06/04/21 02:10		
PH-ORO (C28-C35)	ND	mg/kg	9.8	1		06/04/21 02:10		
Surrogates		3. 3						
n-Tetracosane (S)	65	%	31-152	1	06/03/21 13:36	06/04/21 02:10	646-31-1	
o-Terphenyl (S)	83	%	46-130	1	06/02/24 42:26	06/04/21 02:10	02 04 4	

REPORT OF LABORATORY ANALYSIS

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Project:	MCA 108
Pace Project No.:	60371067

	Lab ID: 603	71067002	Collected: 06/02/2	1 09:2	5 Received: 06	/03/21 08:30 N	latrix: Solid	
Results reported on a "dry weight"	basis and are adj	usted for pe	rcent moisture, sa	mple s	size and any dilut	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Meth		5B Preparation Me ansas City	thod: E	EPA 5035A/5030B			
TPH-GRO Surrogates	ND	mg/kg	9.6	1	06/03/21 09:10	06/03/21 15:22		
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 Meth Pace Analytica		0B Preparation Me (ansas City	thod: E	EPA 5035A/5030			
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 09:15		
Xylene (Total) Surrogates	ND	ug/kg	4.9	1	06/04/21 07:58	06/04/21 09:15	1330-20-7	
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 Meth Pace Analytica							
Percent Moisture	ND	%	0.50	1		06/03/21 11:48		
9056 IC Anions	Analytical Meth Pace Analytica		6 Preparation Meth	nod: EF	PA 9056			
	,		- ,					
Chloride	ND	mg/kg	103	10	06/03/21 14:00	06/03/21 21:39	16887-00-6	
Sample: NSW-5	ND Lab ID: 603	mg/kg 71067003	103 Collected: 06/02/2	1 09:3	0 Received: 06	/03/21 08:30 N	16887-00-6 Matrix: Solid CAS No.	Qua
Sample: NSW-5 Results reported on a "dry weight" Parameters	ND Lab ID: 6037 basis and are adjunction	mg/kg 71067003 usted for per Units	Collected: 06/02/2 rcent moisture, sa Report Limit 5B Preparation Me	1 09:3 mple s DF	0 Received: 06 size and any dilut Prepared	/03/21 08:30 M	latrix: Solid	Qua
Sample: NSW-5 Results reported on a "dry weight" Parameters 8015B Diesel Range Organics	Lab ID: 603: basis and are adjunction Results Analytical Methodology	mg/kg 71067003 usted for per Units	Collected: 06/02/2 rcent moisture, sa Report Limit 5B Preparation Me	1 09:3 mple s DF	0 Received: 06 Size and any dilut Prepared EPA 3546	/03/21 08:30 M	latrix: Solid	Qua
8015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35)	ND Lab ID: 6037 basis and are adjunction Results Analytical Methodology Pace Analytical	mg/kg 71067003 usted for per Units nod: EPA 801 I Services - K	Collected: 06/02/2 rcent moisture, sa Report Limit 5B Preparation Me Cansas City	1 09:3 mple s DF thod: E	0 Received: 06 Size and any dilut Prepared EPA 3546 06/03/21 13:36	/03/21 08:30 M t ions. Analyzed	latrix: Solid	Qua
Sample: NSW-5 Results reported on a "dry weight" Parameters 8015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates	ND Lab ID: 6037 basis and are adjunction Results Analytical Methodology Pace Analytical ND	mg/kg 71067003 usted for per Units nod: EPA 801 I Services - K mg/kg	Collected: 06/02/2 rcent moisture, sa Report Limit 5B Preparation Me cansas City 9.9	1 09:3 mple s DF thod: E	0 Received: 06 Size and any dilut Prepared EPA 3546 06/03/21 13:36 06/03/21 13:36	/03/21 08:30 M tions. Analyzed 06/04/21 02:18	flatrix: Solid CAS No.	Qua
Sample: NSW-5 Results reported on a "dry weight" Parameters 8015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates n-Tetracosane (S)	ND Lab ID: 6037 basis and are adjunction Results Analytical Methodology Pace Analytical ND ND	mg/kg 71067003 usted for per Units nod: EPA 801 I Services - K mg/kg mg/kg	Collected: 06/02/2 rcent moisture, sa Report Limit 5B Preparation Me Cansas City 9.9 9.9	of 1 09:3 mple so DF thod: E	0 Received: 06 Size and any dilut Prepared EPA 3546 06/03/21 13:36 06/03/21 13:36	/03/21 08:30 M tions. Analyzed 06/04/21 02:18 06/04/21 02:18	flatrix: Solid CAS No. 646-31-1	Qua
Sample: NSW-5 Results reported on a "dry weight" Parameters 8015B Diesel Range Organics TPH-DRO (C10-C28)	ND Lab ID: 6033 basis and are adjunction Results Analytical Methodology Pace Analytica ND ND 69 84	mg/kg 71067003 usted for per Units nod: EPA 801 I Services - k mg/kg mg/kg % % nod: EPA 801	Collected: 06/02/2 rcent moisture, sa Report Limit 5B Preparation Me (ansas City 9.9 9.9 31-152 46-130 5B Preparation Me	1 09:3 mple s DF thod: E	O Received: 06 Size and any dilute Prepared EPA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36	06/04/21 02:18 06/04/21 02:18 06/04/21 02:18 06/04/21 02:18	flatrix: Solid CAS No. 646-31-1	Qua
Sample: NSW-5 Results reported on a "dry weight" Parameters 8015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S)	Results Analytical Methodology ND Analytical Methodology ND ND 69 84 Analytical Methodology	mg/kg 71067003 usted for per Units nod: EPA 801 I Services - k mg/kg mg/kg % % nod: EPA 801	Collected: 06/02/2 rcent moisture, sa Report Limit 5B Preparation Me (ansas City 9.9 9.9 31-152 46-130 5B Preparation Me	1 09:3 mple s DF thod: E	0 Received: 06 Size and any dilute Prepared EPA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 EPA 5035A/5030B	06/04/21 02:18 06/04/21 02:18 06/04/21 02:18 06/04/21 02:18	flatrix: Solid CAS No. 646-31-1	Qua

REPORT OF LABORATORY ANALYSIS

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(913)599-5665



ANALYTICAL RESULTS

71067

						/03/21 08:30 N		
esults reported on a "dry weight"	t" basis and are adj	usted for p	ercent moisture, sa	mple s	ize and any dilut	ions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
260 MSV 5035A VOA	Analytical Meth	nod: EPA 82	60B Preparation Me	thod: E	PA 5035A/5030			
	Pace Analytica	l 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	
(ylene (Total)	ND	ug/kg	5.0	1	06/04/21 07:58	06/04/21 10:03	1330-20-7	
Surrogates		0 0						
oluene-d8 (S)	97	%	80-120	1	06/04/21 07:58	06/04/21 10:03	2037-26-5	
-Bromofluorobenzene (S)	105	%	80-120	1	06/04/21 07:58	06/04/21 10:03	460-00-4	
,2-Dichlorobenzene-d4 (S)	103	%	80-120	1	06/04/21 07:58	06/04/21 10:03	2199-69-1	
Percent Moisture	Analytical Meth	nod: ASTM I	D2974					
	Pace Analytica	l Services -	Kansas City					
Percent Moisture	0.64	%	0.50	1		06/03/21 11:48		
9056 IC Anions	Analytical Metl	nod: EPA 90	56 Preparation Meth	nod: EP	A 9056			
	Pace Analytica							
Chloride	ND	mg/kg	100	10	06/03/21 14:00	06/03/21 22:03	16887-00-6	
•	Lab ID: 603		Collected: 06/02/2				latrix: Solid	
•	t" basis and are adj	usted for p	ercent moisture, sa	mple s	ize and any dilut	ions.		Qua
Results reported on a "dry weight	Results	Units	Report Limit	mple s	Prepared		latrix: Solid CAS No.	Qua
Results reported on a "dry weight Parameters	Results Analytical Meti	Units nod: EPA 80	Report Limit 15B Preparation Me	mple s	Prepared	ions.		Qua
Results reported on a "dry weight Parameters	Results	Units nod: EPA 80	Report Limit 15B Preparation Me	mple s	Prepared	ions.		Qua
Results reported on a "dry weight Parameters 8015B Diesel Range Organics	Results Analytical Meti	Units nod: EPA 80	Report Limit 15B Preparation Me	mple s	PA 3546	ions.		Qua
Parameters 1015B Diesel Range Organics TPH-DRO (C10-C28)	Results Analytical Methors Pace Analytica	Units Hod: EPA 80 Il Services -	Report Limit 15B Preparation Me Kansas City	DF ethod: E	PA 3546 06/03/21 13:36	Analyzed		Qua
Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates	Results Analytical Methors Pace Analytica	Units Od: EPA 80 I Services - mg/kg mg/kg	Report Limit 15B Preparation Me Kansas City 10.3 10.3	DF ethod: E	PA 3546 06/03/21 13:36	Analyzed 06/04/21 02:26		Qua
Parameters 1015B Diesel Range Organics 17PH-DRO (C10-C28) 17PH-ORO (C28-C35) 15Currogates	Results Analytical Methors Pace Analytica	Units Hod: EPA 80 Il Services - mg/kg mg/kg	Report Limit 15B Preparation Me Kansas City 10.3 10.3 31-152	DF Dethod: E	PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36	Analyzed 06/04/21 02:26 06/04/21 02:26 06/04/21 02:26	CAS No.	Qua
Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates FINE Diesel Range Organics FINE DIESE	Results Analytical Methodology Pace Analytical ND ND	Units Od: EPA 80 I Services - mg/kg mg/kg	Report Limit 15B Preparation Me Kansas City 10.3 10.3	DF ethod: E	PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36	Analyzed 06/04/21 02:26 06/04/21 02:26	CAS No.	Qua
Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) D-Terphenyl (S)	Analytical Methodology Pace Analytical ND ND 70 84	Units One of the property of	Report Limit 15B Preparation Me Kansas City 10.3 10.3 31-152	omple s DF othod: E	Prepared PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36	Analyzed 06/04/21 02:26 06/04/21 02:26 06/04/21 02:26	CAS No.	Qua
Parameters Bo15B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S)	Analytical Methodology Pace Analytical ND ND 70 84	usted for p Units nod: EPA 80 I Services - mg/kg mg/kg % % nod: EPA 80	Report Limit 15B Preparation Me Kansas City 10.3 10.3 31-152 46-130 15B Preparation Me	omple s DF othod: E	Prepared PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36	Analyzed 06/04/21 02:26 06/04/21 02:26 06/04/21 02:26	CAS No.	Qua
Results reported on a "dry weight Parameters B015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Furrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics	Analytical Methodology Analytical Methodology Analytical Methodology Analytical Methodology Analytical Methodology Analytical Methodology	usted for p Units nod: EPA 80 Il Services - mg/kg mg/kg % nod: EPA 80 Il Services -	Report Limit 15B Preparation Me Kansas City 10.3 10.3 31-152 46-130 15B Preparation Me	omple s DF ethod: E 1 1 1 thod: E ethod: E	PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 PA 5035A/5030B	Analyzed 06/04/21 02:26 06/04/21 02:26 06/04/21 02:26	CAS No.	Qua
Results reported on a "dry weight Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics	Results Analytical Methodology Pace Analytical ND ND 70 84 Analytical Methodology Pace Analytical Methodology Analytical Methodology Pace Analytical	usted for p Units nod: EPA 80 I Services - mg/kg mg/kg % % nod: EPA 80	Report Limit 15B Preparation Me Kansas City 10.3 10.3 31-152 46-130 15B Preparation Me Kansas City	omple s DF ethod: E 1 1 1 thod: E ethod: E	PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 PA 5035A/5030B	06/04/21 02:26 06/04/21 02:26 06/04/21 02:26 06/04/21 02:26	CAS No.	Qua
Results reported on a "dry weight Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics FPH-GRO Surrogates	Results Analytical Methodology Pace Analytical ND ND 70 84 Analytical Methodology Pace Analytical Methodology Analytical Methodology Pace Analytical	usted for p Units nod: EPA 80 Il Services - mg/kg mg/kg % nod: EPA 80 Il Services -	Report Limit 15B Preparation Me Kansas City 10.3 10.3 31-152 46-130 15B Preparation Me Kansas City	omple s DF ethod: E 1 1 1 thod: E ethod: E	PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 PA 5035A/5030B 06/03/21 09:10	06/04/21 02:26 06/04/21 02:26 06/04/21 02:26 06/04/21 02:26	CAS No. 646-31-1 92-94-4	Qua
Results reported on a "dry weight Parameters B015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics TPH-GRO Surrogates 4-Bromofluorobenzene (S)	Results Analytical Methodology Pace Analytical ND ND 70 84 Analytical Methodology Pace Analytical ND ND 89	usted for p Units nod: EPA 80 Il Services - mg/kg mg/kg % nod: EPA 80 Il Services - mg/kg	Report Limit 15B Preparation Me Kansas City 10.3 10.3 31-152 46-130 15B Preparation Me Kansas City	omple s DF othod: E 1 1 1 thod: E thod: E	prepared PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 PA 5035A/5030B 06/03/21 09:10	06/04/21 02:26 06/04/21 02:26 06/04/21 02:26 06/04/21 02:26 06/04/21 02:26	CAS No. 646-31-1 92-94-4	Qua
Results reported on a "dry weight Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates Fetracosane (S) Fetracosane (S) Fetracosane (S) Fetracosane Range Organics FPH-GRO Surrogates FPH-GRO Surrogates FPH-GRO Surrogates FPH-GRO Surrogates FPH-GRO Surrogates FPH-GRO Surrogates FPH-GRO Surrogates	Results Analytical Methodology Pace Analytical ND ND 70 84 Analytical Methodology Pace Analytical ND ND 89	usted for p Units nod: EPA 80 Il Services - mg/kg mg/kg % nod: EPA 80 Il Services - mg/kg % nod: EPA 80	Report Limit 15B Preparation Me Kansas City 10.3 10.3 31-152 46-130 15B Preparation Me Kansas City 10.2 63-121	omple s DF othod: E 1 1 1 thod: E thod: E	prepared PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 PA 5035A/5030B 06/03/21 09:10	06/04/21 02:26 06/04/21 02:26 06/04/21 02:26 06/04/21 02:26 06/04/21 02:26	CAS No. 646-31-1 92-94-4	Qua
Results reported on a "dry weight Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates h-Tetracosane (S) b-Terphenyl (S) Gasoline Range Organics FPH-GRO Surrogates h-Bromofluorobenzene (S) 8260 MSV 5035A VOA	Results Analytical Methodology Pace Analytical ND ND 70 84 Analytical Methodology Pace Analytical ND ND 89 Analytical Methodology	usted for p Units nod: EPA 80 Il Services - mg/kg % nod: EPA 80 Il Services - mg/kg % and: EPA 82 Il Services -	Report Limit 15B Preparation Me Kansas City 10.3 10.3 31-152 46-130 15B Preparation Me Kansas City 10.2 63-121	omple s DF othod: E 1 1 1 thod: E thod: E	PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 PA 5035A/5030B 06/03/21 09:10 06/03/21 09:10 PA 5035A/5030	06/04/21 02:26 06/04/21 02:26 06/04/21 02:26 06/04/21 02:26 06/04/21 02:26	CAS No. 646-31-1 92-94-4	Qua
Results reported on a "dry weight Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) FURDER (C28-C35) FURDER (C38-C35) Results Analytical Methodology ND ND 70 84 Analytical Methodology Results ND 89 Analytical Methodology Analytical M	usted for p Units nod: EPA 80 Il Services - mg/kg mg/kg % nod: EPA 80 Il Services - mg/kg % and: EPA 81 Il Services - ug/kg	Report Limit 15B Preparation Me Kansas City 10.3 10.3 31-152 46-130 15B Preparation Me Kansas City 10.2 63-121 160B Preparation Me Kansas City	omple s DF othod: E 1 1 1 1 1 thod: E thod: E	PRA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 PA 5035A/5030B 06/03/21 09:10 06/03/21 09:10 PA 5035A/5030	06/04/21 02:26 06/04/21 02:26 06/04/21 02:26 06/04/21 02:26 06/04/21 02:26 06/03/21 16:06	CAS No. 646-31-1 92-94-4 460-00-4	Qua	
Results reported on a "dry weight Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates In-Tetracosane (S) In-T	Results Analytical Methodology Pace Analytical ND ND 70 84 Analytical Methodology Pace Analytical ND 89 Analytical Methodology Analytical Methodology Pace Analytical ND ND ND ND	usted for p Units nod: EPA 80 Il Services - mg/kg mg/kg % nod: EPA 80 Il Services - mg/kg % nod: EPA 82 Il Services - ug/kg ug/kg	Report Limit 15B Preparation Me Kansas City 10.3 10.3 31-152 46-130 15B Preparation Me Kansas City 10.2 63-121 60B Preparation Me Kansas City 5.0 5.0	omple s DF othod: E 1 1 1 1 thod: E thod: E	PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 PA 5035A/5030B 06/03/21 09:10 06/03/21 09:10 PA 5035A/5030 06/04/21 07:58 06/04/21 07:58	06/04/21 02:26 06/04/21 02:26 06/04/21 02:26 06/04/21 02:26 06/04/21 02:26 06/03/21 16:06 06/03/21 10:18	CAS No. 646-31-1 92-94-4 71-43-2 100-41-4	Qua
Results reported on a "dry weight Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics FPH-GRO Surrogates I-Bromofluorobenzene (S) 8260 MSV 5035A VOA Benzene Ethylbenzene Foluene	Results Analytical Methodology Pace Analytical ND ND 70 84 Analytical Methodology Pace Analytical ND 89 Analytical Methodology Pace Analytical ND ND ND ND ND ND ND ND	usted for p Units nod: EPA 80 Il Services - mg/kg mg/kg % nod: EPA 80 Il Services - mg/kg wg/kg ug/kg ug/kg ug/kg	Report Limit 15B Preparation Me Kansas City 10.3 10.3 31-152 46-130 15B Preparation Me Kansas City 10.2 63-121 60B Preparation Me Kansas City 5.0 5.0 5.0	omple s DF othod: E 1 1 1 thod: E thod: E	prepared PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 PA 5035A/5030B 06/03/21 09:10 06/03/21 09:10 PA 5035A/5030 06/04/21 07:58 06/04/21 07:58 06/04/21 07:58	06/04/21 02:26 06/04/21 02:26 06/04/21 02:26 06/04/21 02:26 06/04/21 02:26 06/03/21 16:06 06/03/21 10:18 06/04/21 10:18 06/04/21 10:18	CAS No. 646-31-1 92-94-4 71-43-2 100-41-4 108-88-3	Qua
Sample: SSW-3 Results reported on a "dry weight Parameters 8015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics TPH-GRO Surrogates 4-Bromofluorobenzene (S) 8260 MSV 5035A VOA Benzene Ethylbenzene Toluene Xylene (Total) Surrogates	Results Analytical Methodology Pace Analytical ND ND 70 84 Analytical Methodology Pace Analytical ND 89 Analytical Methodology Analytical Methodology Pace Analytical ND ND ND ND	usted for p Units nod: EPA 80 Il Services - mg/kg mg/kg % nod: EPA 80 Il Services - mg/kg % nod: EPA 82 Il Services - ug/kg ug/kg	Report Limit 15B Preparation Me Kansas City 10.3 10.3 31-152 46-130 15B Preparation Me Kansas City 10.2 63-121 60B Preparation Me Kansas City 5.0 5.0	omple s DF othod: E 1 1 1 thod: E thod: E	prepared PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 PA 5035A/5030B 06/03/21 09:10 06/03/21 09:10 PA 5035A/5030 06/04/21 07:58 06/04/21 07:58 06/04/21 07:58	06/04/21 02:26 06/04/21 02:26 06/04/21 02:26 06/04/21 02:26 06/04/21 02:26 06/03/21 16:06 06/03/21 10:18	CAS No. 646-31-1 92-94-4 71-43-2 100-41-4 108-88-3	Que

REPORT OF LABORATORY ANALYSIS

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Sample: SSW-3	Lab ID: 603	71067004	Collected: 06/02/21	09:35	Received: 06	/03/21 08:30 N	Matrix: Solid	
Results reported on a "dry weight	t" basis and are adj	usted for p	ercent moisture, sam	ıple si	ize and any dilut	ions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
3260 MSV 5035A VOA	Analytical Metl	nod: EPA 82	60B Preparation Meth	nod: El	PA 5035A/5030			
	Pace Analytica							
Surragatas	,		- ,					
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			
1,2-DICHIOTODETIZETIE-04 (S)	103	70	00-120	1	00/04/21 07.36	00/04/21 10.16	2199-09-1	
Percent Moisture	Analytical Meth	nod: ASTM I	D2974					
	Pace Analytica	l Services -	Kansas City					
Percent Moisture	2.5	%	0.50	1		06/03/21 11:48		
9056 IC Anions	Analytical Meth	nod: EDA 00	56 Preparation Metho	vd. ED	A 0056			
5030 IC AIIIUIIS	Pace Analytica			и. <i>ЕР</i> /	- JUJU			
	,		,					
Chloride	ND	mg/kg	104	10	06/03/21 14:00	06/03/21 22:15	16887-00-6	
Sample: SSW-4	Lab ID: 603	71067005	Collected: 06/02/21	09:40	Received: 06	/03/21 08:30 N	Matrix: Solid	
Results reported on a "dry weight	t" basis and are adi	usted for p	ercent moisture. sam	nole si	izo and any dilut	ions		
Parameters	Results	Units		DF	Prepared	Analyzed	CAS No.	Qua
Parameters		Units	Report Limit	DF	Prepared		CAS No.	Qua
		Units		DF	Prepared		CAS No.	Qua
		Units	Report Limit 15B Preparation Meth	DF	Prepared		CAS No.	Qua
8015B Diesel Range Organics	Analytical Meth	Units nod: EPA 80 Il Services -	Report Limit 15B Preparation Meth Kansas City	DF nod: El	Prepared PA 3546	Analyzed		Qua
8015B Diesel Range Organics TPH-DRO (C10-C28)	Analytical Meth Pace Analytica ND	Units nod: EPA 80 I Services - mg/kg	Report Limit 15B Preparation Meth Kansas City 10.0	DF nod: El	Prepared PA 3546 06/03/21 13:36	Analyzed 06/04/21 02:34		Qua
B015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35)	Analytical Meth	Units nod: EPA 80 Il Services -	Report Limit 15B Preparation Meth Kansas City	DF nod: El	Prepared PA 3546	Analyzed 06/04/21 02:34		Qua
RO15B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates	Analytical Meth Pace Analytica ND	Units nod: EPA 80 I Services - mg/kg	Report Limit 15B Preparation Meth Kansas City 10.0	DF nod: El	Prepared PA 3546 06/03/21 13:36	Analyzed 06/04/21 02:34 06/04/21 02:34		Qua
B015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates n-Tetracosane (S)	Analytical Metl Pace Analytica ND ND	Units nod: EPA 80 Il Services - mg/kg mg/kg	Report Limit 15B Preparation Method Kansas City 10.0 10.0	DF nod: El	Prepared PA 3546 06/03/21 13:36 06/03/21 13:36	Analyzed 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34	646-31-1	Qua
TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S)	Analytical Meth Pace Analytica ND ND 64 80	Units nod: EPA 80 Il Services - mg/kg mg/kg % %	Report Limit 15B Preparation Method Kansas City 10.0 10.0 31-152 46-130	DF	Prepared PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36	Analyzed 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34	646-31-1	Qua
B015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S)	Analytical Meth Pace Analytica ND ND 64 80 Analytical Meth	Units nod: EPA 80 Il Services - mg/kg mg/kg % % nod: EPA 80	Report Limit 15B Preparation Method Kansas City 10.0 10.0 31-152 46-130 15B Preparation Method	DF	Prepared PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36	Analyzed 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34	646-31-1	Qua
TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S)	Analytical Meth Pace Analytica ND ND 64 80	Units nod: EPA 80 Il Services - mg/kg mg/kg % % nod: EPA 80	Report Limit 15B Preparation Method Kansas City 10.0 10.0 31-152 46-130 15B Preparation Method	DF	Prepared PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36	Analyzed 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34	646-31-1	Qua
TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics	Analytical Meth Pace Analytica ND ND 64 80 Analytical Meth	Units nod: EPA 80 Il Services - mg/kg mg/kg % % nod: EPA 80	Report Limit 15B Preparation Method Kansas City 10.0 10.0 31-152 46-130 15B Preparation Method	DF	Prepared PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36	Analyzed 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34	646-31-1 92-94-4	Qua
TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics	Analytical Meth Pace Analytica ND ND 64 80 Analytical Meth Pace Analytica	Units nod: EPA 80 Il Services - mg/kg mg/kg % hod: EPA 80	Report Limit 15B Preparation Method 10.0 10.0 31-152 46-130 15B Preparation Method Kansas City	DF nod: El	Prepared PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 PA 5035A/5030B	Analyzed 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34	646-31-1 92-94-4	Qua
B015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) D-Terphenyl (S) Gasoline Range Organics TPH-GRO Surrogates	Analytical Meth Pace Analytica ND ND 64 80 Analytical Meth Pace Analytica	Units nod: EPA 80 Il Services - mg/kg mg/kg % hod: EPA 80	Report Limit 15B Preparation Method 10.0 10.0 31-152 46-130 15B Preparation Method Kansas City	DF nod: El	Prepared PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 PA 5035A/5030B	Analyzed 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34	646-31-1 92-94-4	Qua
B015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics TPH-GRO Surrogates 4-Bromofluorobenzene (S)	Analytical Methodology Pace Analytical ND ND 64 80 Analytical Methodology Pace Analytical ND 92	Units nod: EPA 80 Il Services - mg/kg mg/kg % nod: EPA 80 Il Services - mg/kg %	Report Limit 15B Preparation Method 10.0 10.0 31-152 46-130 15B Preparation Method Kansas City 9.9 63-121	DF nod: El 1 1 1 1 nod: El 1	Prepared PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 PA 5035A/5030B 06/03/21 09:10 06/03/21 09:10	Analyzed 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34	646-31-1 92-94-4	Qua
B015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics TPH-GRO Surrogates 4-Bromofluorobenzene (S)	Analytical Methodology Pace Analytical ND ND 64 80 Analytical Methodology Pace Analytical ND 92 Analytical Methodology	Units nod: EPA 80 Il Services - mg/kg mg/kg % nod: EPA 80 Il Services - mg/kg % nod: EPA 80	Report Limit 15B Preparation Method 10.0 10.0 31-152 46-130 15B Preparation Method Kansas City 9.9 63-121 60B Preparation Method	DF nod: El 1 1 1 1 nod: El 1	Prepared PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 PA 5035A/5030B 06/03/21 09:10 06/03/21 09:10	Analyzed 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34	646-31-1 92-94-4	Qua
B015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics TPH-GRO Surrogates 4-Bromofluorobenzene (S) B260 MSV 5035A VOA	Analytical Methodology Pace Analytical ND 64 80 Analytical Methodology Pace Analytical ND 92 Analytical Methodology Pace Analytical	Units nod: EPA 80 Il Services - mg/kg mg/kg % nod: EPA 80 Il Services - mg/kg %	Report Limit 15B Preparation Method 10.0 10.0 31-152 46-130 15B Preparation Method Kansas City 9.9 63-121 60B Preparation Method Kansas City	DF nod: El 1 1 1 1 1 1 1 1 nod: El 1 nod: El	Prepared PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 PA 5035A/5030B 06/03/21 09:10 06/03/21 09:10 PA 5035A/5030	Analyzed 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34 06/03/21 16:26	646-31-1 92-94-4 460-00-4	Qua
B015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics FPH-GRO Surrogates 1-Bromofluorobenzene (S) B260 MSV 5035A VOA	Analytical Methodology Pace Analytical ND 64 80 Analytical Methodology Pace Analytical ND 92 Analytical Methodology Pace Analytical ND ND ND	Units nod: EPA 80 Il Services - mg/kg mg/kg % nod: EPA 80 Il Services - mg/kg %	Report Limit 15B Preparation Method 10.0 10.0 31-152 46-130 15B Preparation Method Kansas City 9.9 63-121 60B Preparation Method Kansas City 5.1	DF nod: El 1 1 1 1 1 1 1 nod: El 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Prepared PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 PA 5035A/5030B 06/03/21 09:10 06/03/21 09:10 PA 5035A/5030 06/04/21 07:58	Analyzed 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34 06/03/21 16:26 06/03/21 16:26	646-31-1 92-94-4 460-00-4	Qua
B015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics FPH-GRO Surrogates 1-Bromofluorobenzene (S) B260 MSV 5035A VOA Benzene Ethylbenzene	Analytical Methodology Pace Analytical ND 64 80 Analytical Methodology Pace Analytical ND 92 Analytical Methodology Pace Analytical ND ND ND	Units nod: EPA 80 Il Services - mg/kg mg/kg % nod: EPA 80 Il Services - mg/kg % Il Services - ug/kg ug/kg	Report Limit 15B Preparation Method 10.0 10.0 31-152 46-130 15B Preparation Method Kansas City 9.9 63-121 60B Preparation Method Kansas City 5.1 5.1	DF nod: El 1 1 1 1 1 1 nod: El 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Prepared PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 PA 5035A/5030B 06/03/21 09:10 06/03/21 09:10 PA 5035A/5030 06/04/21 07:58 06/04/21 07:58	Analyzed 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34 06/03/21 16:26 06/03/21 16:26	646-31-1 92-94-4 460-00-4 71-43-2 100-41-4	Qua
B015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics FPH-GRO Surrogates I-Bromofluorobenzene (S) B260 MSV 5035A VOA Benzene Ethylbenzene Foluene	Analytical Methodology Pace Analytical ND 64 80 Analytical Methodology Pace Analytical ND 92 Analytical Methodology Pace Analytical ND ND ND	Units nod: EPA 80 Il Services - mg/kg mg/kg % nod: EPA 80 Il Services - mg/kg % ll Services - ug/kg ug/kg ug/kg ug/kg	Report Limit 15B Preparation Method 10.0 10.0 31-152 46-130 15B Preparation Method Kansas City 9.9 63-121 60B Preparation Method Kansas City 5.1	DF nod: El 1 1 1 1 nod: El 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Prepared PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 PA 5035A/5030B 06/03/21 09:10 06/03/21 09:10 PA 5035A/5030 06/04/21 07:58 06/04/21 07:58 06/04/21 07:58	Analyzed 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34 06/03/21 16:26 06/03/21 16:26 06/04/21 10:34 06/04/21 10:34 06/04/21 10:34	646-31-1 92-94-4 460-00-4 71-43-2 100-41-4 108-88-3	Qua
B015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics FPH-GRO Surrogates 1-Bromofluorobenzene (S) B260 MSV 5035A VOA Benzene Ethylbenzene Foluene Kylene (Total)	Analytical Methodology Pace Analytical ND 64 80 Analytical Methodology Pace Analytical ND 92 Analytical Methodology Pace Analytical ND ND ND	Units nod: EPA 80 Il Services - mg/kg mg/kg % nod: EPA 80 Il Services - mg/kg % Il Services - ug/kg ug/kg	Report Limit 15B Preparation Method 10.0 10.0 31-152 46-130 15B Preparation Method Kansas City 9.9 63-121 60B Preparation Method Kansas City 5.1 5.1	DF nod: El 1 1 1 1 1 1 nod: El 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Prepared PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 PA 5035A/5030B 06/03/21 09:10 06/03/21 09:10 PA 5035A/5030 06/04/21 07:58 06/04/21 07:58	Analyzed 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34 06/03/21 16:26 06/03/21 16:26 06/04/21 10:34 06/04/21 10:34 06/04/21 10:34	646-31-1 92-94-4 460-00-4 71-43-2 100-41-4 108-88-3	Qua
B015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics FPH-GRO Surrogates 1-Bromofluorobenzene (S) B260 MSV 5035A VOA Benzene Ethylbenzene Foluene Kylene (Total) Surrogates	Analytical Methodology Pace Analytical ND 64 80 Analytical Methodology Pace Analytical ND 92 Analytical Methodology Pace Analytical ND ND ND ND ND ND ND	Units nod: EPA 80 Il Services - mg/kg mg/kg % nod: EPA 80 Il Services - mg/kg % ll Services - ug/kg ug/kg ug/kg ug/kg	Report Limit 15B Preparation Method 10.0 10.0 31-152 46-130 15B Preparation Method Kansas City 9.9 63-121 60B Preparation Method Kansas City 5.1 5.1 5.1 5.1	DF nod: El 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Prepared PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 PA 5035A/5030B 06/03/21 09:10 PA 5035A/5030 06/04/21 07:58 06/04/21 07:58 06/04/21 07:58	Analyzed 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34 06/03/21 16:26 06/03/21 16:26 06/04/21 10:34 06/04/21 10:34 06/04/21 10:34	646-31-1 92-94-4 460-00-4 71-43-2 100-41-4 108-88-3 1330-20-7	Qua
B015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics FPH-GRO Surrogates 1-Bromofluorobenzene (S) B260 MSV 5035A VOA Benzene Ethylbenzene Foluene Kylene (Total) Surrogates Foluene-d8 (S)	Analytical Methodology Pace Analytical ND 64 80 Analytical Methodology Pace Analytical ND 92 Analytical Methodology Pace Analytical ND ND ND ND ND ND ND ND ND ND ND ND ND	Units nod: EPA 80 Il Services - mg/kg mg/kg % nod: EPA 80 Il Services - mg/kg % ll Services - ug/kg ug/kg ug/kg ug/kg ug/kg	Report Limit 15B Preparation Method 10.0 10.0 31-152 46-130 15B Preparation Method Kansas City 9.9 63-121 60B Preparation Method Kansas City 5.1 5.1 5.1 5.1 80-120	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Prepared PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 PA 5035A/5030B 06/03/21 09:10 PA 5035A/5030 06/04/21 07:58 06/04/21 07:58 06/04/21 07:58 06/04/21 07:58	Analyzed 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34 06/03/21 16:26 06/03/21 16:26 06/04/21 10:34 06/04/21 10:34 06/04/21 10:34 06/04/21 10:34	646-31-1 92-94-4 460-00-4 71-43-2 100-41-4 108-88-3 1330-20-7 2037-26-5	Qua
Parameters 8015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics TPH-GRO Surrogates 4-Bromofluorobenzene (S) 8260 MSV 5035A VOA Benzene Ethylbenzene Toluene Xylene (Total) Surrogates 1-Bromofluorobenzene (S) 4-Bromofluorobenzene (S) 4-Bromofluorobenzene (S) 4-Bromofluorobenzene (S) 4-Bromofluorobenzene (S)	Analytical Methodology Pace Analytical ND 64 80 Analytical Methodology Pace Analytical ND 92 Analytical Methodology Pace Analytical ND ND ND ND ND ND ND	Units nod: EPA 80 Il Services - mg/kg mg/kg % nod: EPA 80 Il Services - mg/kg % ll Services - ug/kg ug/kg ug/kg ug/kg	Report Limit 15B Preparation Method 10.0 10.0 31-152 46-130 15B Preparation Method Kansas City 9.9 63-121 60B Preparation Method Kansas City 5.1 5.1 5.1 5.1	DF nod: El 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Prepared PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 PA 5035A/5030B 06/03/21 09:10 PA 5035A/5030 06/04/21 07:58 06/04/21 07:58 06/04/21 07:58 06/04/21 07:58 06/04/21 07:58	Analyzed 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34 06/04/21 02:34 06/03/21 16:26 06/03/21 16:26 06/04/21 10:34 06/04/21 10:34 06/04/21 10:34 06/04/21 10:34	646-31-1 92-94-4 460-00-4 71-43-2 100-41-4 108-88-3 1330-20-7 2037-26-5 460-00-4	Qua

REPORT OF LABORATORY ANALYSIS

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80-120

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06/04/21 07:58 06/04/21 10:34 2199-69-1

1,2-Dichlorobenzene-d4 (S)





Project: MCA 108 Pace Project No.: 60371067								
Sample: SSW-4	Lab ID: 603	71067005	Collected: 06/02/	21 00:40	Received: 06	2/02/24 00:20 M	Matrix: Solid	
Results reported on a "dry we							viatrix. Solid	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
- I didifficiers		Office	— Troport Ellillit					
Percent Moisture	Analytical Met Pace Analytica							
Daniel Malatana	•		•	4		00/00/04 44 40		
Percent Moisture	2.7	%	0.50	1		06/03/21 11:48		
9056 IC Anions	Analytical Met Pace Analytica		056 Preparation Met Kansas City	hod: EP	A 9056			
Chloride	ND	mg/kg	101	10	06/03/21 14:00	06/03/21 22:27	16887-00-6	
Sample: SSW-5	Lab ID: 603	71067006	Collected: 06/02/	21 09:45	5 Received: 06	6/03/21 08:30 N	Matrix: Solid	
Results reported on a "dry we	eight" basis and are adj	iusted for p	percent moisture, sa	ample s	ize and any dilu	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Meti Pace Analytica		015B Preparation Mo Kansas City	ethod: E	PA 3546			
TPH-DRO (C10-C28)	ND	mg/kg	10.1	1	06/03/21 13:36	06/04/21 02:42	!	
TPH-ORO (C28-C35) Surrogates	ND	mg/kg	10.1	1	06/03/21 13:36	06/04/21 02:42		
n-Tetracosane (S)	65	%	31-152	1		06/04/21 02:42		
p-Terphenyl (S)	77	%	46-130	1	06/03/21 13:36	06/04/21 02:42	92-94-4	
Gasoline Range Organics	Analytical Met Pace Analytica		015B Preparation Mo Kansas City	ethod: E	PA 5035A/5030B			
TPH-GRO Surrogates	ND	mg/kg	10.2	1	06/03/21 09:10	06/03/21 16:45	j	
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 Met	hod: EPA 82	260B Preparation Mo	ethod: E	PA 5035A/5030			
	Pace Analytica							
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) Surrogates	ND	ug/kg	5.1	1	06/04/21 07:58	06/04/21 10:50	1330-20-7	
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 Met Pace Analytica							
Percent Moisture	2.7	%	0.50	1		06/03/21 11:48		
						00/03/21 11.40		
9056 IC Anions	Analytical Met Pace Analytica		056 Preparation Met Kansas City	hod: EP	A 9056			
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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Project:	MCA 108
Pace Project No.:	60371067

Sample: FS-6	Lab ID: 603	71067007	Collected: 06/02/2	21 09:5	0 Received: 06	6/03/21 08:30 N	latrix: Solid	
Results reported on a "dry weight Parameters	" basis and are adj Results	iusted for per Units	rcent moisture, sa Report Limit	mple s	size and any dilu t Prepared	tions. Analyzed	CAS No.	Qua
i didilictors		Office	— — — ·	Di		Analyzed		— Qua
015B Diesel Range Organics	Analytical Meth	nod: EPA 801	5B Preparation Me	ethod: E	EPA 3546			
	Pace Analytica	l Services - K	ansas City					
ГРН-DRO (C10-C28)	ND	mg/kg	10.7	1	06/03/21 13:36	06/04/21 02:50		
FPH-ORO (C28-C35) Surrogates	ND	mg/kg	10.7	1	06/03/21 13:36	06/04/21 02:50		
-Tetracosane (S)	80	%	31-152	1		06/04/21 02:50		
-Terphenyl (S)	81	%	46-130	1	06/03/21 13:36	06/04/21 02:50	92-94-4	
Gasoline Range Organics	Analytical Meth Pace Analytica		5B Preparation Me ansas City	ethod: E	EPA 5035A/5030B			
FPH-GRO Surrogates	ND	mg/kg	11.7	1	06/03/21 09:10	06/03/21 17:06		
I-Bromofluorobenzene (S)	89	%	63-121	1	06/03/21 09:10	06/03/21 17:06	460-00-4	
3260 MSV 5035A VOA	Analytical Metl Pace Analytica		0B Preparation Me ansas City	ethod: E	EPA 5035A/5030			
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	
oluene	ND	ug/kg	5.4	1	06/04/21 07:58	06/04/21 11:06	108-88-3	
(ylene (Total) Surrogates	ND	ug/kg	5.4	1	06/04/21 07:58	06/04/21 11:06	1330-20-7	
Toluene-d8 (S)	98	%	80-120	1		06/04/21 11:06		
-Bromofluorobenzene (S)	106	%	80-120	1		06/04/21 11:06		
,2-Dichlorobenzene-d4 (S)	103	%	80-120	1	06/04/21 07.56	06/04/21 11:06	2199-09-1	
ercent Moisture	Analytical Meth							
	Pace Analytica	ıl Services - K	ansas City					
Percent Moisture	8.0	%	0.50	1		06/03/21 11:48		
056 IC Anions	Analytical Meth	nod: EPA 9056	6 Preparation Met	nod: EF	PA 9056			
	Pace Analytica	l Services - K	ansas 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: 603	71067008	Collected: 06/02/2	21 09:5	5 Received: 06	6/03/21 08:30 M	latrix: Solid	
Results reported on a "dry weight	" basis and are adj	usted for per	rcent moisture, sa	mple s	size and any dilu	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
015B Diesel Range Organics	Analytical Meth		5B Preparation Me ansas City	ethod: E	EPA 3546			
PH-DRO (C10-C28)	ND	mg/kg	10.6	1	06/03/21 13:36	06/04/21 02:58		
rph-oro (C28-C35)	ND	mg/kg	10.6	1		06/04/21 02:58		
Surrogates								
n-Tetracosane (S)	62	%	31-152	1		06/04/21 02:58		
p-Terphenyl (S)	75	%	46-130	1	06/03/21 13:36	06/04/21 02:58	92-94-4	

REPORT OF LABORATORY ANALYSIS

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MCA 108

60371067

Project:

Pace Project No.:

9056 IC Anions

Chloride

ANALYTICAL RESULTS

Sample: FS-7	Lab ID: 603	71067008	Collected: 06/02/2	1 09:5	55 Received: 06	5/03/21 08:30 N	/latrix: Solid	
Results reported on a "dry weig	ht" basis and are adj	iusted for per	cent moisture, sa	mple.	size and any dilu	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Met	hod: EPA 801	5B Preparation Me	thod:	EPA 5035A/5030B			
	Pace Analytica	al Services - K	ansas City					
TPH-GRO Surrogates	ND	mg/kg	10.9	1	06/03/21 09:10	06/03/21 17:26		
4-Bromofluorobenzene (S)	89	%	63-121	1	06/03/21 09:10	06/03/21 17:26	460-00-4	
3260 MSV 5035A VOA	Analytical Met	hod: EPA 8260	DB Preparation Me	thod:	EPA 5035A/5030			
	Pace Analytica	al Services - K	ansas 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 Met	hod: ASTM D2	2974					
	Pace Analytica	al Services - K	ansas City					
Percent Moisture	8.7	%	0.50	1		06/03/21 11:48		

Analytical Method: EPA 9056 Preparation Method: EPA 9056

112

06/03/21 14:00 06/03/21 23:28 16887-00-6

Pace Analytical Services - Kansas City

mg/kg

269

Sample: FS-8	Lab ID: 603	71067009 Co	ollected: 06/02/2	11 10:0	0 Received: 06	/03/21 08:30 N	latrix: Solid	
Results reported on a "dry weight	" basis and are adj	iusted for perce	ent moisture, sa	mple s	size and any dilu	ions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Met	hod: EPA 8015B	Preparation Me	thod: I	EPA 3546			
	Pace Analytica	al Services - Kar	sas 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 Met	hod: EPA 8015B	Preparation Me	thod: I	EPA 5035A/5030B			
	Pace Analytica	al Services - Kan	isas City					
TPH-GRO Surrogates	ND	mg/kg	11.3	1	06/03/21 09:10	06/03/21 17:48		
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: 603	71067009	Collected: 06/02/2	21 10:00	0 Received: 06	/03/21 08:30 N	latrix: Solid	
Results reported on a "dry weight"	" basis and are adj	usted for pe	ercent moisture, sa	mple s	size and any dilut	ions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
3260 MSV 5035A VOA	Analytical Meth	nod: EPA 826	60B Preparation Me	thod: E	EPA 5035A/5030			
	Pace Analytica	l Services - I	Kansas City					
Benzene	ND	ug/kg	5.3	1	06/04/21 07:58	06/04/21 11:37	71_/13_2	
Ethylbenzene	ND ND	ug/kg ug/kg	5.3	1		06/04/21 11:37		
Toluene	ND ND	ug/kg ug/kg	5.3	1		06/04/21 11:37		
Xylene (Total)	ND	ug/kg	5.3	1		06/04/21 11:37		
Surrogates	ND	ug/kg	5.5	'	00/04/21 07.30	00/04/21 11.57	1550-20-7	
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 11:37		
,2-Dichlorobenzene-d4 (S)	104	%	80-120	1		06/04/21 11:37		
Percent Moisture	Analytical Meth	nod: ASTM D)2974					
	Pace Analytica							
Percent Moisture	7.0	%	0.50	1		06/03/21 11:48		
9056 IC Anions	Analytical Meth	nod: EPA 905	56 Preparation Meth	nod: EF	PA 9056			
	Pace Analytica							
Chloride	235	mg/kg	106	10	00/00/04 44 00	06/03/21 23:40	10007.00.0	
Sample: ESW-4 (15')	Lab ID: 603	71067010	Collected: 06/02/2	1 10.0	- D i 00			
			Collected. 00/02/2	: 10.0	5 Received: 06	/03/21 08:30 N	latrix: Solid	
Results reported on a "dry weight"							latrix: Solid	
Results reported on a "dry weight" Parameters			ercent moisture, sa		size and any dilut	tions.	CAS No.	Qua
	" basis and are adj	usted for pe		mple s				Qua
Parameters	" basis and are adj	Units	ercent moisture, sa	DF	Prepared	tions.		Qua
Parameters	" basis and are adj	Units nod: EPA 801	Report Limit Report Limit To Be Preparation Me	DF	Prepared	tions.		Qua
Parameters 8015B Diesel Range Organics	Results Analytical Methors Pace Analytica	Units Hod: EPA 80° I Services - I	Report Limit The preparation Metansas City	DF ethod: E	Prepared PA 3546	Analyzed		Qua
Parameters 3015B Diesel Range Organics TPH-DRO (C10-C28)	Results Analytical Methodology Pace Analytical ND	Units Hod: EPA 80° I Services - I mg/kg	Report Limit 15B Preparation Me Kansas City 9.8	DF ethod: E	Prepared PA 3546 06/03/21 13:36	Analyzed 06/04/21 03:15		Qua
Parameters 8015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35)	Results Analytical Methors Pace Analytica	Units Hod: EPA 80° I Services - I	Report Limit The preparation Metansas City	DF ethod: E	Prepared PA 3546 06/03/21 13:36	Analyzed		Qua
Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates	Results Analytical Meth Pace Analytical ND ND	Units Od: EPA 80° I Services - I mg/kg mg/kg	Report Limit 15B Preparation Me Kansas City 9.8 9.8	DF othod: E	Prepared PA 3546 06/03/21 13:36 06/03/21 13:36	Analyzed 06/04/21 03:15 06/04/21 03:15	CAS No.	Qua
Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates 1-Tetracosane (S)	Results Analytical Meth Pace Analytical ND ND 94	Units Od: EPA 80° I Services - I mg/kg mg/kg mg/kg	Report Limit 15B Preparation Me Kansas City 9.8 9.8 31-152	DF ethod: E	Prepared PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36	Analyzed 06/04/21 03:15 06/04/21 03:15	CAS No.	Qua
Parameters B015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) D-Terphenyl (S)	Results Analytical Meth Pace Analytical ND ND 94 83	Units Od: EPA 807 I Services - I mg/kg mg/kg % %	Report Limit 15B Preparation Me Kansas City 9.8 9.8 31-152 46-130	omple so DF ethod: E	Prepared PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36	Analyzed 06/04/21 03:15 06/04/21 03:15	CAS No.	Qua
Parameters B015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) D-Terphenyl (S)	Results Analytical Meth Pace Analytical ND ND 94 83	Units Od: EPA 807 I Services - I mg/kg mg/kg % %	Report Limit 15B Preparation Me Kansas City 9.8 9.8 31-152	omple so DF ethod: E	Prepared PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36	Analyzed 06/04/21 03:15 06/04/21 03:15	CAS No.	Qua
Parameters B015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) D-Terphenyl (S)	Results Analytical Meth Pace Analytical ND ND 94 83	Units Od: EPA 80° I Services - I mg/kg mg/kg % % hod: EPA 80°	Report Limit 15B Preparation Me Kansas City 9.8 9.8 31-152 46-130 15B Preparation Me	omple so DF ethod: E	Prepared PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36	Analyzed 06/04/21 03:15 06/04/21 03:15	CAS No.	Qua
Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) D-Terphenyl (S) Gasoline Range Organics	Results Analytical Meth Pace Analytica ND ND 94 83 Analytical Meth Pace Analytical	Units Units nod: EPA 80° I Services - I mg/kg mg/kg % % nod: EPA 80° I Services - I	Report Limit 15B Preparation Me Kansas City 9.8 9.8 31-152 46-130 15B Preparation Me Kansas City	ethod: E	Prepared PRA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 2PA 5035A/5030B	06/04/21 03:15 06/04/21 03:15 06/04/21 03:15 06/04/21 03:15	CAS No.	Qua
Parameters B015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics FPH-GRO	Results Analytical Meth Pace Analytical ND ND 94 83 Analytical Meth	Units Od: EPA 80° I Services - I mg/kg mg/kg % % hod: EPA 80°	Report Limit 15B Preparation Me Kansas City 9.8 9.8 31-152 46-130 15B Preparation Me Kansas City	omple so DF ethod: E	Prepared PRA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 2PA 5035A/5030B	Analyzed 06/04/21 03:15 06/04/21 03:15	CAS No.	Qua
Parameters 3015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics FPH-GRO Surrogates	Results Analytical Meth Pace Analytica ND ND 94 83 Analytical Meth Pace Analytical	Units Units nod: EPA 80° I Services - I mg/kg mg/kg % % nod: EPA 80° I Services - I	Report Limit 15B Preparation Me Kansas City 9.8 9.8 31-152 46-130 15B Preparation Me Kansas City	ethod: E	Prepared PRA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 PA 5035A/5030B 06/03/21 09:10	06/04/21 03:15 06/04/21 03:15 06/04/21 03:15 06/04/21 03:15	CAS No. 646-31-1 92-94-4	Qua
Parameters 8015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics TPH-GRO Surrogates 4-Bromofluorobenzene (S)	Results Analytical Meth Pace Analytical ND ND 94 83 Analytical Meth Pace Analytical ND ND 94 83 Analytical Meth Pace Analytical ND	Units Od: EPA 80° I Services - I mg/kg mg/kg % Nod: EPA 80° I Services - I mg/kg	Report Limit 15B Preparation Me Kansas City 9.8 9.8 31-152 46-130 15B Preparation Me Kansas City 9.6 63-121	omple so DF othod: E	Prepared PRA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 PA 5035A/5030B 06/03/21 09:10	06/04/21 03:15 06/04/21 03:15 06/04/21 03:15 06/04/21 03:15 06/04/21 03:15	CAS No. 646-31-1 92-94-4	Qua
Parameters B015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics TPH-GRO Surrogates 4-Bromofluorobenzene (S) 8260 MSV 5035A VOA	Results Analytical Methodology Pace Analytical ND ND 94 83 Analytical Methodology Pace Analytical ND 88 Analytical Methodology	Units Units nod: EPA 80° I Services - I mg/kg mg/kg % nod: EPA 80° I Services - I mg/kg mg/kg	Report Limit 15B Preparation Me Kansas City 9.8 9.8 31-152 46-130 15B Preparation Me Kansas City 9.6 63-121	omple so DF othod: E	Prepared PRA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 PA 5035A/5030B 06/03/21 09:10	06/04/21 03:15 06/04/21 03:15 06/04/21 03:15 06/04/21 03:15 06/04/21 03:15	CAS No. 646-31-1 92-94-4	Qua
Parameters B015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) D-Terphenyl (S) Gasoline Range Organics TPH-GRO Surrogates 4-Bromofluorobenzene (S) B260 MSV 5035A VOA	Results Analytical Meth Pace Analytical ND ND 94 83 Analytical Meth Pace Analytical ND 88 Analytical Meth Pace Analytical	Units Units nod: EPA 80° I Services - I mg/kg mg/kg % nod: EPA 80° I Services - I mg/kg % I Services - I services - I services - I services - I services - I services - I	Report Limit 15B Preparation Me Kansas City 9.8 9.8 31-152 46-130 15B Preparation Me Kansas City 9.6 63-121 60B Preparation Me Kansas City	omple s DF othod: E 1 1 1 1 1 1 thod: E	Prepared Prepared O6/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 09:10 06/03/21 09:10 06/03/21 09:10	06/04/21 03:15 06/04/21 03:15 06/04/21 03:15 06/04/21 03:15 06/04/21 03:15	CAS No. 646-31-1 92-94-4	Qua
Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates 1-Tetracosane (S) 1-Terphenyl (S) Gasoline Range Organics FPH-GRO Surrogates 1-Bromofluorobenzene (S) 8260 MSV 5035A VOA Benzene	Results Analytical Meth Pace Analytical ND 94 83 Analytical Meth Pace Analytical ND 88 Analytical Meth Pace Analytical ND 88 Analytical Meth Pace Analytical ND ND	Units Units Hod: EPA 80° I Services - I mg/kg mg/kg % hod: EPA 80° I Services - I mg/kg	Report Limit Report Limit 15B Preparation Me Kansas City 9.8 9.8 31-152 46-130 15B Preparation Me Kansas City 9.6 63-121 50B Preparation Me Kansas City 5.0	omple so DF othod: E othod: E othod: E othod: E othod: E othod: E othod: E othod: E	Prepared Prepared O6/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 EPA 5035A/5030B 06/03/21 09:10 06/03/21 09:10 EPA 5035A/5030	06/04/21 03:15 06/04/21 03:15 06/04/21 03:15 06/04/21 03:15 06/04/21 03:15 06/03/21 18:09 06/03/21 18:09	CAS No. 646-31-1 92-94-4 460-00-4	Qua
Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates D-Tetracosane (S) D-Terphenyl (S) Gasoline Range Organics FPH-GRO Surrogates L-Bromofluorobenzene (S) 8260 MSV 5035A VOA Genzene Ethylbenzene	Results Analytical Meth Pace Analytical ND ND 94 83 Analytical Meth Pace Analytical ND ND 88 Analytical Meth Pace Analytical ND ND ND ND ND ND ND ND ND ND ND	Units Units Hod: EPA 80° I Services - I mg/kg mg/kg % Hod: EPA 80° I Services - I mg/kg % I Services - I mg/kg %	Report Limit Report Limit 15B Preparation Me Kansas City 9.8 9.8 31-152 46-130 15B Preparation Me Kansas City 9.6 63-121 60B Preparation Me Kansas City 5.0 5.0	omple so DF othod: E	Prepared Prepared PA 3546 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 09:10 06/03/21 09:10 PA 5035A/5030 PA 5035A/5030 06/04/21 07:58 06/04/21 07:58	06/04/21 03:15 06/04/21 03:15 06/04/21 03:15 06/04/21 03:15 06/04/21 18:09 06/03/21 18:09	CAS No. 646-31-1 92-94-4 71-43-2 100-41-4	Qua
Parameters 3015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates 1-Tetracosane (S) 1-Terphenyl (S) Gasoline Range Organics TPH-GRO Surrogates 1-Bromofluorobenzene (S) 3260 MSV 5035A VOA Benzene Ethylbenzene Toluene	Results Analytical Meth Pace Analytical ND ND 94 83 Analytical Meth Pace Analytical ND ND 88 Analytical Meth Pace Analytical ND ND ND ND ND ND ND ND ND ND	Units Units nod: EPA 80° I Services - I mg/kg mg/kg % nod: EPA 80° I Services - I mg/kg % I Services - I ug/kg ug/kg ug/kg	Report Limit Report Limit 15B Preparation Me Kansas City 9.8 9.8 31-152 46-130 15B Preparation Me Kansas City 9.6 63-121 60B Preparation Me Kansas City 5.0 5.0 5.0	ethod: E	Prepared Prepared O6/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 PA 5035A/5030B 06/03/21 09:10 06/03/21 09:10 06/03/21 07:58 06/04/21 07:58 06/04/21 07:58	06/04/21 03:15 06/04/21 03:15 06/04/21 03:15 06/04/21 03:15 06/04/21 13:15 06/03/21 18:09 06/03/21 11:53 06/04/21 11:53 06/04/21 11:53	CAS No. 646-31-1 92-94-4 71-43-2 100-41-4 108-88-3	Qua
Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics FPH-GRO Surrogates 1-Bromofluorobenzene (S)	Results Analytical Meth Pace Analytical ND ND 94 83 Analytical Meth Pace Analytical ND ND 88 Analytical Meth Pace Analytical ND ND ND ND ND ND ND ND ND ND ND	Units Units Hod: EPA 80° I Services - I mg/kg mg/kg % Hod: EPA 80° I Services - I mg/kg % I Services - I mg/kg %	Report Limit Report Limit 15B Preparation Me Kansas City 9.8 9.8 31-152 46-130 15B Preparation Me Kansas City 9.6 63-121 60B Preparation Me Kansas City 5.0 5.0	omple so DF othod: E	Prepared Prepared O6/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 06/03/21 13:36 PA 5035A/5030B 06/03/21 09:10 06/03/21 09:10 06/03/21 07:58 06/04/21 07:58 06/04/21 07:58	06/04/21 03:15 06/04/21 03:15 06/04/21 03:15 06/04/21 03:15 06/04/21 18:09 06/03/21 18:09	CAS No. 646-31-1 92-94-4 71-43-2 100-41-4 108-88-3	Qua

REPORT OF LABORATORY ANALYSIS

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Project: MCA 108
Pace Project No.: 60371067

Sample: ESW-4 (15')	Lab ID: 6037	1067010	Collected: 06/02/2	1 10:0	5 Received: 06	6/03/21 08:30 N	Matrix: Solid	
Results reported on a "dry weigl	ht" basis and are adjւ	sted for pe	rcent moisture, sa	mple s	ize and any dilu	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Meth	od: EPA 826	0B Preparation Me	thod: E	EPA 5035A/5030			
	Pace Analytical	Services - K	ansas 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 Meth	od: ASTM D	2974					
	Pace Analytical	Services - K	ansas City					
Percent Moisture	0.84	%	0.50	1		06/03/21 11:48		
9056 IC Anions	Analytical Meth	od: EPA 905	6 Preparation Meth	od: EF	PA 9056			
	Pace Analytical	Services - K	ansas 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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Project: MCA 108
Pace Project No.: 60371067

QC Batch: 724118 Analysis Method: EPA 8015B

QC Batch Method: EPA 5035A/5030B 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

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

LABORATORY CONTROL SAMPLE: 2910900

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2910901 2910902

MSD MS 60370914002 Spike Spike MS MSD MS MSD % Rec Max Parameter Units Result Conc. Conc. Result Result % Rec % Rec Limits **RPD** RPD Qual TPH-GRO mg/kg ND 54.2 53.8 45.6 46.2 83 84 29-143 26 4-Bromofluorobenzene (S) % 91 90 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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EPA 8260B

Project: MCA 108
Pace Project No.: 60371067

QC Batch: 724219 Analysis Method:

QC Batch Method: EPA 5035A/5030 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

		Blank	Reporting		
Parameter	Units	Result	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					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% 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 SP	IKE DUPLIC	CATE: 2911	282		2911283							
			MS	MSD								
	6	0371067001	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	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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REPORT OF LABORATORY ANALYSIS

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Project: MCA 108
Pace Project No.: 60371067

QC Batch: 724368 Analysis Method: EPA 8260B

QC Batch Method: EPA 5035A/5030 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

		Blank	Reporting		
Parameter	Units	Result	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	Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% 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 SP	IKE DUPLI	CATE: 2911	792		2911793							
			MS	MSD								
	6	0371067002	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	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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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

		Blank	Reporting		
Parameter	Units	Result	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					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% 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 SP	PIKE DUPLI	CATE: 2911:	225		2911226							
			MS	MSD								
	(60371067001	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	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

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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

Blank Reporting

Parameter Units Result Limit Analyzed Qualifiers

Percent Moisture % ND 0.50 06/03/21 11:47

SAMPLE DUPLICATE: 2911228

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

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Project: MCA 108 Pace Project No.: 60371067

QC Batch: 724212 QC Batch Method:

Analysis Method:

EPA 9056

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

Blank

Reporting

Parameter

Units

Result

Limit

Analyzed

Qualifiers

Chloride

mg/kg

ND

100 06/03/21 20:15

LABORATORY CONTROL SAMPLE:

Parameter

Parameter

2911254

Spike Conc.

LCS Result

LCS % Rec

MSD

% Rec Limits

Qualifiers

Chloride

Units mg/kg

500

474

95 80-120

87

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:

2911255

ND

Parameter

60371067001 Result

MS Spike Conc.

MSD Spike Conc.

503

MS Result

504

2911256

MS Result % Rec

MSD % Rec % Rec Limits **RPD**

80-120

Max RPD 15

Qual

SAMPLE DUPLICATE: 2911257

Chloride

60371067002 Result

503

Dup Result

RPD

509

Max RPD

Qualifiers

Chloride

Units

mg/kg

Units mg/kg

ND

69J

15

88

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.: 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.

REPORT OF LABORATORY ANALYSIS



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MCA 108
Pace Project No.: 60371067

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method EPA 8015B	Analytical Batch 724272	
	NSW-3	EPA 3546	724203			
0371067002	NSW-4	EPA 3546	724203	EPA 8015B	724272	
0371067003	NSW-5	EPA 3546	724203	EPA 8015B	724272	
0371067004	SSW-3	EPA 3546	724203	EPA 8015B	724272	
0371067005	SSW-4	EPA 3546	724203	EPA 8015B	724272	
0371067006	SSW-5	EPA 3546	724203	EPA 8015B	724272	
0371067007	FS-6	EPA 3546	724203	EPA 8015B	724272	
0371067008	FS-7	EPA 3546	724203			
0371067009	FS-8	EPA 3546	724203	EPA 8015B	724272	
0371067010	ESW-4 (15')	EPA 3546	724203 EPA 8015B		724272	
0371067001	NSW-3	EPA 5035A/5030B	724118	EPA 8015B	724141	
0371067002	NSW-4	EPA 5035A/5030B	724118	EPA 8015B	724141	
0371067003	NSW-5	EPA 5035A/5030B	724118	EPA 8015B	724141	
0371067004	SSW-3	EPA 5035A/5030B	724118	EPA 8015B	724141	
0371067005	SSW-4	EPA 5035A/5030B	724118	EPA 8015B	724141	
0371067006	SSW-5	EPA 5035A/5030B	724118	EPA 8015B	724141	
0371067007	FS-6	EPA 5035A/5030B	724118	EPA 8015B	724141	
0371067008	FS-7	EPA 5035A/5030B	724118	EPA 8015B	724141	
0371067009	FS-8	EPA 5035A/5030B	724118	EPA 8015B	724141	
0371067010	ESW-4 (15')	EPA 5035A/5030B	724118	EPA 8015B	724141	
0371067001	NSW-3	EPA 5035A/5030	724219	EPA 8260B	724239	
0371067002	NSW-4	EPA 5035A/5030	724368	EPA 8260B	724382	
0371067003	NSW-5	EPA 5035A/5030	724368	EPA 8260B	724382	
0371067004	SSW-3	EPA 5035A/5030	724368	EPA 8260B	724382	
0371067005	SSW-4	EPA 5035A/5030	724368	EPA 8260B	724382	
0371067006	SSW-5	EPA 5035A/5030	724368	EPA 8260B	724382	
0371067007	FS-6	EPA 5035A/5030	724368	EPA 8260B	724382	
0371067008	FS-7	EPA 5035A/5030	724368	EPA 8260B	724382	
0371067009	FS-8	EPA 5035A/5030	724368	EPA 8260B	724382	
0371067010	ESW-4 (15')	EPA 5035A/5030	724368	EPA 8260B	724382	
0371067001	NSW-3	ASTM D2974	724204			
0371067002	NSW-4	ASTM D2974	724204			
0371067003	NSW-5	ASTM D2974	724204			
0371067004	SSW-3	ASTM D2974	724204			
0371067005	SSW-4	ASTM D2974	724204			
0371067006	SSW-5	ASTM D2974	724204			
0371067007	FS-6	ASTM D2974	724204			
0371067008	FS-7	ASTM D2974	724204			
0371067009	FS-8	ASTM D2974	724204			
0371067010	ESW-4 (15')	ASTM D2974	724204			
0371067001	NSW-3	EPA 9056	724212	EPA 9056	724361	
0371067002	NSW-4	EPA 9056	724212	EPA 9056	724361	
0371067003	NSW-5	EPA 9056	724212	EPA 9056	724361	
0371067004	SSW-3	EPA 9056	724212	EPA 9056	724361	
0371067005	SSW-4	EPA 9056	724212	EPA 9056	724361	
0371067006	SSW-5	EPA 9056	724212	EPA 9056	724361	

REPORT OF LABORATORY ANALYSIS

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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	

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt ESI Tech Spec Client



Client Name: Tetra Tech, Inc											
Courier: FedEx ♥ UPS □ VIA □ Clay □ P	EX 🗆	EC		Pace □ Xroads	□ Client □ Other □						
Tracking #: 8155 8629 9369 Pace Shipping Label Used? Yes D No											
Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No No											
Packing Material: Bubble Wrap Bubble Bags Foam None Other Thermometer Head:											
Type of ice: (vver) Blue None											
Cooler Temperature (°C): As-read 4,4 Corr. Facto	0.0		Соггес	ted 4 , 4	Date and initials of person examining contents: 4 3 2 8						
Temperature should be above freezing to 6°C Chain of Custody present:	Yes	□No	□n/a								
Chain of Custody relinquished:	Yes		□N/A								
	1										
Samples arrived within holding time:		□No	□n/a								
Short Hold Time analyses (<72hr):	□Yes	No	□N/A	0.1							
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:	□Yes	ÀN₀	□N/A								
Containers requiring pH preservation in compliance?	□Yes	□No	N/A		umes, lot #'s of preservative and the						
(HNO ₃ , H ₂ SO ₄ , HCl<2; NaOH>9 Sulfide, NaOH>10 Cyanide)				date/time added.							
(Exceptions: VOA, Micro, O&G, KS TPH, OK-DRO) 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	DN/A								
Client Notification/ Resolution: Copy COC to Client? Y / N Field Data Required? Y / N											
Person Contacted: Date/Tin	ne:				Temp Log: Record start and finish times when unpacking cooler, if >20 min, recheck						
Sommonio Nesolution.					sample temps. Start: 0950 Start:						
					Start: 0950 Start: End: 0954 End:						
Project Manager Review:			Date		Temp: 4, 4 Temp:						

Received by OCD: 7/12/2021 10:32:13 PM Page 107 of 233 FPH 8015R ō 72 hr. Circle or Specify Method No.) Anion/Cation Balance Page: 1 Seneral Water Chemistry (see attached list) Special Report Limits or TRRP Report Chloride 300.0 × × × × × × × × × X RUSH: Same Day (24 hr. Rush Charges Authorized (sotsedsA) MJC NORM CB.2 8085 / 608 (Circle) HAND DELIVERED (FEDEX) UPS 3C/MS Semi. Vol. 8270C/625 Standard GC/WS AOI: 8560B / 624 REMARKS **ANALYSIS REQUEST** CLP Semi Volatiles CLP Metals Ag As Ba Cd Cr Pb Se Hg Sample Temperature Total Metals Ag As Ba Cd Cr Pb Se Hg LAB USE ONLY PAH 8270C (OAM - 0AO - 0AO - 0AO) M2108 H9T × × × × × × × \times \times × TPH TX1005 (Ext to C35) BTEX 8260B **BTEX 8021B** × × × × × × × Z z Z z z z z Z z z (N/Y) GBRBTJIH Sy S Tel Fax (432) 682-301 West Wall Street, Suite 100 # CONTAINERS Email: sam.abbott@tetratech.com PRESERVATIVE METHOD Time: Time: Midland, Texas 79701 NONE Phone: (512) 739-7874 ICE × × × × × × × × × × 12.5.07 (432) 682-4559 John Thurston CONH Date: 212C-MD-02175 TOF Sam Abbott MATRIX HHE × × ROIL × × × × × × × × **MATER** 10:05 TIME 9:20 9:25 9:30 9:35 9:40 9:45 9:50 9:55 10:00 ORIGINAL COPY Sampler Signature: SAMPLING Site Manager: Contact Info: Mus Received by: Received by: Received by: **TEAR: 2021** 6/2/2021 6/2/2021 6/2/2021 6/2/2021 6/2/2021 6/2/2021 6/2/2021 Project #: 6/2/2021 DATE 6/2/2021 6/2/2021 Accounts Payable 901 West Wall Street, Suite 100 Midland, Texas 79701 1531 Tetra Tech, Inc. Time: Time: SAMPLE IDENTIFICATION A Totro Toch Date: ESW-4 (15') SSW-5 NSW-3 NSW-5 SSW-3 SSW4 NSW-4 ea County, New Mexico FS-6 FS-8 FS-7 Conoco Phillips Pace Analytical MCA 108 COPTETRA Acctnum ceiving Laboratory: oject Location: Register physical parts of 25 of 25 ۲ telinquished by: oject Name: ounty, state) elinquished by ent Name: LAB USE Comments: LAB# ONLY roice to:





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

This Word

1(913)563-1401 Project Manager

Enclosures

cc: John Thurston, Tetra Tech-Houston TX







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

REPORT OF LABORATORY ANALYSIS





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

REPORT OF LABORATORY ANALYSIS





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
0371325002	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
0371325003	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
0371325004	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
0371325005	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
0371325006	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
0371325007	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
0371325008	FS-3	EPA 8015B	WNM	4	PASI-K
		EPA 8015B	JLO	2	PASI-K

REPORT OF LABORATORY ANALYSIS



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



Sample: NSW-1	Lab ID: 603		Collected: 06/03/2				latrix: Solid	
Results reported on a "dry weight" Parameters	Results	usted for per Units	rcent moisture, sa Report Limit	mpie s DF	Prepared	Analyzed	CAS No.	Qua
8015B Diesel Range Organics	Analytical Meth		5B Preparation Me ansas City	ethod: E	EPA 3546			
ГРН-DRO (C10-C28)	ND	mg/kg	18.8	1	06/07/21 08:16	06/08/21 09:42		
FPH-ORO (C28-C35) Surrogates	ND	mg/kg	18.8	1	06/07/21 08:16	06/08/21 09:42		
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 Meth Pace Analytica		5B Preparation Me ansas City	ethod: E	EPA 5035A/5030B			
ГРН-GRO Surrogates	ND	mg/kg	9.2	1	06/08/21 08:27	06/08/21 11:31		
I-Bromofluorobenzene (S)	92	%	63-121	1	06/08/21 08:27	06/08/21 11:31	460-00-4	
3260 MSV 5035A VOA	Analytical Meth Pace Analytica		0B Preparation Me ansas City	ethod: E	EPA 5035A/5030			
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	
Kylene (Total) S urrogates	ND	ug/kg	5.0	1	06/07/21 09:37	06/07/21 11:30	1330-20-7	
Гoluene-d8 (S)	98	%	80-120	1		06/07/21 11:30		
I-Bromofluorobenzene (S)	105	%	80-120	1		06/07/21 11:30		
I,2-Dichlorobenzene-d4 (S)	105	%	80-120	1	06/07/21 09:37	06/07/21 11:30	2199-69-1	
Percent Moisture	Analytical Meth Pace Analytica							
Percent Moisture	ND	%	0.50	1		06/07/21 09:30		
0056 IC Anions	Analytical Meth Pace Analytica		6 Preparation Meth	nod: EF	PA 9056			
Chloride	ND	mg/kg	103	10	06/07/21 08:51	06/07/21 22:41	16887-00-6	

REPORT OF LABORATORY ANALYSIS

Report Limit

10.0

10.0

31-152

46-130

Analytical Method: EPA 8015B Preparation Method: EPA 3546

DF

1

Prepared

06/07/21 08:16 06/08/21 10:07

06/07/21 08:16 06/08/21 10:07

06/07/21 08:16 06/08/21 10:07 646-31-1

06/07/21 08:16 06/08/21 10:07 92-94-4

Analyzed

CAS No.

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Parameters

8015B Diesel Range Organics

TPH-DRO (C10-C28)

TPH-ORO (C28-C35)

Date: 06/09/2021 08:53 AM

n-Tetracosane (S)

p-Terphenyl (S)

Surrogates

Results

ND

ND

132

86

Units

mg/kg

mg/kg

%

%

Pace Analytical Services - Kansas City

Qual

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MCA 108

Project:

ANALYTICAL RESULTS

Pace Project No.: 60371325 Collected: 06/03/21 09:25 Received: 06/05/21 08:55 Sample: NSW-2 Lab ID: 60371325002 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 Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B **Gasoline Range Organics** Pace Analytical Services - Kansas City TPH-GRO ND 9.5 mg/kg 06/08/21 08:27 06/08/21 11:52 Surrogates 95 63-121 4-Bromofluorobenzene (S) 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 ND Benzene ug/kg 5.0 06/07/21 09:37 06/07/21 11:46 71-43-2 1 Ethylbenzene ND 5.0 06/07/21 09:37 06/07/21 11:46 100-41-4 ug/kg 1 Toluene NΠ ug/kg 5.0 06/07/21 09:37 06/07/21 11:46 108-88-3 1 06/07/21 09:37 06/07/21 11:46 1330-20-7 Xylene (Total) ND ug/kg 5.0 1 Surrogates Toluene-d8 (S) 98 % 80-120 06/07/21 09:37 06/07/21 11:46 2037-26-5 4-Bromofluorobenzene (S) 103 % 80-120 06/07/21 09:37 06/07/21 11:46 460-00-4 1 1,2-Dichlorobenzene-d4 (S) 103 % 80-120 06/07/21 09:37 06/07/21 11:46 2199-69-1 Analytical Method: ASTM D2974 **Percent Moisture** 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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Met	hod: EPA 8015B	Preparation Me	thod: I	EPA 3546			
	Pace Analytica	al Services - Kan	sas 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 Met	hod: EPA 8015B	Preparation Me	thod: I	EPA 5035A/5030B			
	Pace Analytica	al Services - Kan	sas City					
TPH-GRO	ND	mg/kg	9.9	1	06/08/21 08:27	06/08/21 12:13		
Surrogates		5 0						
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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Pace Project No.:	60371325
Project:	MCA 108

Sample: ESW-1	Lab ID: 603	/1325003	Collected: 06/03/2	1 09:30	Received: 06	/05/21 08:55 N	latrix: Solid	
Results reported on a "dry weight	" basis and are adj	usted for pe	ercent moisture, sa	mple s	ize and any dilut	ions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
3260 MSV 5035A VOA	Analytical Meth	nod: EPA 826	60B Preparation Me	thod: E	PA 5035A/5030			
	Pace Analytica	l Services - k	Kansas City					
Benzene	ND	ug/kg	4.9	1	06/07/21 00:37	06/07/21 12:02	71_//3_2	
Ethylbenzene	ND	ug/kg	4.9	1		06/07/21 12:02		
Toluene	ND	ug/kg	4.9	1		06/07/21 12:02		
Xylene (Total)	ND	ug/kg ug/kg	4.9	1		06/07/21 12:02		
Surrogates	ND	ug/kg	4.5	'	00/01/21 09.51	00/07/21 12.02	1330-20-7	
Foluene-d8 (S)	96	%	80-120	1	06/07/21 09:37	06/07/21 12:02	2037-26-5	
1-Bromofluorobenzene (S)	106	%	80-120	1		06/07/21 12:02		
,2-Dichlorobenzene-d4 (S)	104	%	80-120	1		06/07/21 12:02		
Percent Moisture	Analytical Meth	nod: ASTM D	2974					
Croone moisture	Pace Analytica							
Percent Moisture	0.65	%	0.50	1		06/07/21 09:30		
9056 IC Anions	Analytical Moth	and: EDA ONE	66 Preparation Meth	od: EE	M 0056			
5056 IC AIIIOIIS	Pace Analytica			iou. Er	A 9030			
	Face Analytica	ii Services - r	Valisas City					
Chloride	ND	mg/kg	96.6	10	06/07/21 08:51	06/08/21 08:31	16887-00-6	
•	Lab ID: 603 " basis and are adj		Collected: 06/03/2				latrix: Solid	
Sample: SSW-1 Results reported on a "dry weight Parameters							latrix: Solid	Qua
Results reported on a "dry weight Parameters	Results	Units	Report Limit	mple s	ize and any dilut	ions.		Qua
Results reported on a "dry weight	Results Analytical Meth	Units One of the second of th	Report Limit Report Limit Preparation Me	mple s	ize and any dilut	ions.		Qua
Results reported on a "dry weight Parameters	Results	Units One of the second of th	Report Limit Report Limit Preparation Me	mple s	ize and any dilut	ions.		Qua
Results reported on a "dry weight Parameters B015B Diesel Range Organics	Results Analytical Meth	Units One of the second of th	Report Limit Report Limit Preparation Me	mple s	Prepared PA 3546	ions.		Qua
Parameters B015B Diesel Range Organics FPH-DRO (C10-C28)	Results Analytical Methorace Analytica	Units Hod: EPA 801 I Services - H	Report Limit SB Preparation Me Kansas City	DF thod: E	Prepared PA 3546 06/07/21 08:16	Analyzed		Qua
Parameters B015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates	Results Analytical Methodology Pace Analytica 19.5	Units Hod: EPA 801 Il Services - H mg/kg	Report Limit SB Preparation Me Kansas City 9.8	mple s DF thod: E	Prepared PA 3546 06/07/21 08:16	Analyzed 06/08/21 10:23		Qua
Results reported on a "dry weight Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates	Results Analytical Methodology Pace Analytica 19.5	Units Hod: EPA 801 Il Services - H mg/kg	Report Limit SB Preparation Me Kansas City 9.8	mple s DF thod: E	Prepared PA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16	Analyzed 06/08/21 10:23 06/08/21 10:23 06/08/21 10:23	CAS No.	Qua
Parameters B015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S)	Results Analytical Meth Pace Analytica 19.5 24.6	Units Od: EPA 801 I Services - H mg/kg mg/kg	Report Limit SB Preparation Me Kansas City 9.8 9.8	mple s DF thod: E	Prepared PA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16	Analyzed 06/08/21 10:23 06/08/21 10:23	CAS No.	Qua
Results reported on a "dry weight Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) D-Terphenyl (S)	Results Analytical Meth Pace Analytica 19.5 24.6 144 92	Units Units Hod: EPA 801 Il Services - k mg/kg mg/kg % %	Report Limit SB Preparation Me Kansas City 9.8 9.8 31-152 46-130	mple s DF ethod: E	Prepared PA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16	Analyzed 06/08/21 10:23 06/08/21 10:23 06/08/21 10:23	CAS No.	Qua
Parameters B015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S)	Results Analytical Meth Pace Analytica 19.5 24.6 144 92	Units Hod: EPA 801 I Services - H mg/kg mg/kg % % hod: EPA 801	Report Limit SB Preparation Me Kansas City 9.8 9.8 31-152 46-130 Preparation Me	mple s DF ethod: E	Prepared PA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16	Analyzed 06/08/21 10:23 06/08/21 10:23 06/08/21 10:23	CAS No.	Qua
Parameters Bo15B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics	Results Analytical Meth Pace Analytica 19.5 24.6 144 92 Analytical Meth Pace Analytica	Units Outline Units	Report Limit Report Limit SB Preparation Me Kansas City 9.8 9.8 31-152 46-130 SB Preparation Me Kansas City	mple s DF thod: E	Prepared PA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 2PA 5035A/5030B	06/08/21 10:23 06/08/21 10:23 06/08/21 10:23 06/08/21 10:23	CAS No.	Qua
Results reported on a "dry weight Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) D-Terphenyl (S) Gasoline Range Organics	Results Analytical Meth Pace Analytica 19.5 24.6 144 92 Analytical Meth	Units Hod: EPA 801 I Services - H mg/kg mg/kg % % hod: EPA 801	Report Limit Report Limit SB Preparation Me Kansas City 9.8 9.8 31-152 46-130 SB Preparation Me Kansas City	mple s DF ethod: E	Prepared PA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16	06/08/21 10:23 06/08/21 10:23 06/08/21 10:23 06/08/21 10:23	CAS No.	Qua
Results reported on a "dry weight Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics FPH-GRO Surrogates	Results Analytical Meth Pace Analytica 19.5 24.6 144 92 Analytical Meth Pace Analytical Meth Pace Analytical Meth	Units Od: EPA 801 Il Services - H mg/kg mg/kg % hod: EPA 801 Il Services - H mg/kg	Report Limit Report Limit Separation Meters Sepa	thod: E	Prepared PA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 2PA 5035A/5030B 06/08/21 08:27	06/08/21 10:23 06/08/21 10:23 06/08/21 10:23 06/08/21 10:23 06/08/21 10:23	CAS No. 646-31-1 92-94-4	Qua
Results reported on a "dry weight Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) D-Terphenyl (S) Gasoline Range Organics FPH-GRO Surrogates	Results Analytical Meth Pace Analytica 19.5 24.6 144 92 Analytical Meth Pace Analytica	Units Outline Units	Report Limit Report Limit SB Preparation Me Kansas City 9.8 9.8 31-152 46-130 SB Preparation Me Kansas City	mple s DF thod: E	Prepared PA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 2PA 5035A/5030B 06/08/21 08:27	06/08/21 10:23 06/08/21 10:23 06/08/21 10:23 06/08/21 10:23	CAS No. 646-31-1 92-94-4	Qua
Parameters B015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) D-Terphenyl (S)	Results Analytical Meth Pace Analytica 19.5 24.6 144 92 Analytical Meth Pace Analytical Meth Pace Analytical Meth Pace Analytical Meth Pace Analytical ND 95	Units Hod: EPA 801 Il Services - H mg/kg mg/kg % hod: EPA 801 Il Services - H mg/kg	Report Limit Report Limit Separation Meters Sepa	mple s DF thod: E 1 1 1 thod: E	PA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 2PA 5035A/5030B 06/08/21 08:27	06/08/21 10:23 06/08/21 10:23 06/08/21 10:23 06/08/21 10:23 06/08/21 10:23	CAS No. 646-31-1 92-94-4	Qua
Results reported on a "dry weight Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates I-Tetracosane (S) I-Terphenyl (S) Gasoline Range Organics FPH-GRO Surrogates I-Bromofluorobenzene (S)	Results Analytical Meth Pace Analytica 19.5 24.6 144 92 Analytical Meth Pace Analytical Meth Pace Analytical Meth Pace Analytical Meth Pace Analytical ND 95	Units Hod: EPA 801 Il Services - H mg/kg mg/kg % Hod: EPA 801 Il Services - H mg/kg mg/kg	Report Limit Report Limit SB Preparation Me Kansas City 9.8 9.8 31-152 46-130 SB Preparation Me Kansas City 10.3 63-121 SOB Preparation Me	mple s DF thod: E 1 1 1 thod: E	PA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 2PA 5035A/5030B 06/08/21 08:27	06/08/21 10:23 06/08/21 10:23 06/08/21 10:23 06/08/21 10:23 06/08/21 10:23	CAS No. 646-31-1 92-94-4	Qua
Results reported on a "dry weight Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) D-Terphenyl (S) Gasoline Range Organics FPH-GRO Surrogates 4-Bromofluorobenzene (S) 8260 MSV 5035A VOA	Results Analytical Meth Pace Analytica 19.5 24.6 144 92 Analytical Meth Pace Analytical ND 95 Analytical Meth Pace Analytical	Units Outlies Outli	Report Limit Report Limit SB Preparation Me Kansas City 9.8 9.8 31-152 46-130 SB Preparation Me Kansas City 10.3 63-121 SOB Preparation Me Kansas City	mple s DF thod: E 1 1 1 thod: E 1 thod: E	PRA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 2PA 5035A/5030B 06/08/21 08:27 06/08/21 08:27	06/08/21 10:23 06/08/21 10:23 06/08/21 10:23 06/08/21 10:23 06/08/21 13:18	CAS No. 646-31-1 92-94-4	Qua
Results reported on a "dry weight Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) FURDAMENT OF THE PROPERTY OF TH	Results Analytical Meth Pace Analytica 19.5 24.6 144 92 Analytical Meth Pace Analytical ND 95 Analytical Meth Pace Analytical ND ND	Units Hod: EPA 801 I Services - Home Market Market	Report Limit Repor	mple s DF thod: E 1 1 1 thod: E 1 thod: E	Prepared Prepared PA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 2PA 5035A/5030B 06/08/21 08:27 06/08/21 08:27 2PA 5035A/5030 06/07/21 09:37	06/08/21 10:23 06/08/21 10:23 06/08/21 10:23 06/08/21 10:23 06/08/21 10:23 06/08/21 13:18 06/08/21 13:18	CAS No. 646-31-1 92-94-4 460-00-4	Qua
Results reported on a "dry weight Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) D-Terphenyl (S) Gasoline Range Organics FPH-GRO Surrogates I-Bromofluorobenzene (S) 8260 MSV 5035A VOA Benzene Ethylbenzene	Results Analytical Meth Pace Analytical 19.5 24.6 144 92 Analytical Meth Pace Analytical ND 95 Analytical Meth Pace Analytical ND ND ND	Units Hod: EPA 801 I Services - Home Market Market	Report Limit Report Limit SB Preparation Me Kansas City 9.8 9.8 31-152 46-130 SB Preparation Me Kansas City 10.3 63-121 SOB Preparation Me Kansas City 5.1 5.1	thod: E	PA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 2PA 5035A/5030B 06/08/21 08:27 06/08/21 08:27 2PA 5035A/5030 06/07/21 09:37 06/07/21 09:37	06/08/21 10:23 06/08/21 10:23 06/08/21 10:23 06/08/21 10:23 06/08/21 10:23 06/08/21 13:18 06/08/21 13:18	CAS No. 646-31-1 92-94-4 71-43-2 100-41-4	Qua
Results reported on a "dry weight Parameters 1015B Diesel Range Organics 17PH-DRO (C10-C28) 17PH-ORO (C28-C35) 17PH-ORO (C28-C35) 17PH-ORO (Surrogates 17PH-GRO Gasoline Range Organics 17PH-GRO 17PH-GRO 18	Results Analytical Meth Pace Analytical 19.5 24.6 144 92 Analytical Meth Pace Analytical ND 95 Analytical Meth Pace Analytical ND ND ND ND	Units Hod: EPA 801 Il Services - H mg/kg mg/kg % Hod: EPA 801 Il Services - H mg/kg % Hod: EPA 826 Il Services - H ug/kg ug/kg ug/kg ug/kg	Report Limit Report Limit SB Preparation Me Kansas City 9.8 9.8 31-152 46-130 SB Preparation Me Kansas City 10.3 63-121 SOB Preparation Me Kansas City 5.1 5.1	thod: E	PA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 2PA 5035A/5030B 06/08/21 08:27 06/08/21 08:27 2PA 5035A/5030 06/07/21 09:37 06/07/21 09:37 06/07/21 09:37	06/08/21 10:23 06/08/21 10:23 06/08/21 10:23 06/08/21 10:23 06/08/21 10:23 06/08/21 13:18 06/08/21 13:18	CAS No. 646-31-1 92-94-4 71-43-2 100-41-4 108-88-3	Qua
Results reported on a "dry weight Parameters B015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) D-Terphenyl (S) Gasoline Range Organics FPH-GRO Surrogates 1-Bromofluorobenzene (S)	Results Analytical Meth Pace Analytical 19.5 24.6 144 92 Analytical Meth Pace Analytical ND 95 Analytical Meth Pace Analytical ND ND ND	Units Hod: EPA 801 I Services - Home Market Market	Report Limit Report Limit SB Preparation Me Kansas City 9.8 9.8 31-152 46-130 SB Preparation Me Kansas City 10.3 63-121 SOB Preparation Me Kansas City 5.1 5.1	thod: E	PA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 2PA 5035A/5030B 06/08/21 08:27 06/08/21 08:27 2PA 5035A/5030 06/07/21 09:37 06/07/21 09:37 06/07/21 09:37	06/08/21 10:23 06/08/21 10:23 06/08/21 10:23 06/08/21 10:23 06/08/21 10:23 06/08/21 13:18 06/08/21 13:18	CAS No. 646-31-1 92-94-4 71-43-2 100-41-4 108-88-3	Qua

REPORT OF LABORATORY ANALYSIS

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MCA 108

Project:

ANALYTICAL RESULTS

Sample: SSW-1	Lab ID: 603	71325004	Collected: 06/03/2	1 09:35	Received: 06	3/05/21 08:55 N	//atrix: Solid	
Results reported on a "dry weigh	t" basis and are adj	usted for pe	rcent moisture, sa	mple s	ize and any dilu	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
8260 MSV 5035A VOA	Analytical Met	nod: EPA 826	0B Preparation Me	thod: E	PA 5035A/5030			
	Pace Analytica	l Services - l	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 Met	nod: ASTM D	2974					
	Pace Analytica	l Services - l	Kansas City					
Percent Moisture	1.9	%	0.50	1		06/07/21 09:30		
9056 IC Anions	Analytical Met	nod: EPA 905	66 Preparation Meth	nod: EP	A 9056			
	Pace Analytica							
Chloride	ND	mg/kg	99.4	10	06/07/21 08:51	06/08/21 08:49	16887-00-6	
		0 0						
Sample: SSW-2	Lab ID: 603	71325005	Collected: 06/03/2	1 09:40	Received: 06	i/05/21 08:55 N	//atrix: Solid	
Results reported on a "dry weight	t" basis and are adj	usted for pe	rcent moisture, sa	mple s	ize and any dilu	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
8015B Diesel Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 3546							
	Analytical Method: EPA 8015B Preparation Method: EPA 3546 Pace Analytical Services - Kansas City							
	Pace Analytica	l Services - l	Kansas City					
TPH-DRO (C10-C28)	Pace Analytica		(ansas City 9.8	1	06/07/21 08:16	06/08/21 10:31		
,	-	I Services - I mg/kg mg/kg	-	1 1		06/08/21 10:31 06/08/21 10:31		
TPH-ORO (C28-C35) Surrogates	20.4	mg/kg mg/kg	9.8					
TPH-ORO (C28-C35) Surrogates	20.4	mg/kg	9.8		06/07/21 08:16		646-31-1	
TPH-ORO (C28-C35) Surrogates n-Tetracosane (S)	20.4 23.3	mg/kg mg/kg	9.8 9.8	1	06/07/21 08:16 06/07/21 08:16	06/08/21 10:31		
TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S)	20.4 23.3 82 96	mg/kg mg/kg %	9.8 9.8 31-152	1 1 1	06/07/21 08:16 06/07/21 08:16 06/07/21 08:16	06/08/21 10:31 06/08/21 10:31 06/08/21 10:31		
TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S)	20.4 23.3 82 96	mg/kg mg/kg % mod: EPA 801	9.8 9.8 31-152 46-130 5B Preparation Me	1 1 1	06/07/21 08:16 06/07/21 08:16 06/07/21 08:16	06/08/21 10:31 06/08/21 10:31 06/08/21 10:31		
TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics	20.4 23.3 82 96 Analytical Meti	mg/kg mg/kg % mod: EPA 801	9.8 9.8 31-152 46-130 5B Preparation Me	1 1 1	06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 PA 5035A/5030B	06/08/21 10:31 06/08/21 10:31 06/08/21 10:31	92-94-4	
TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics TPH-GRO Surrogates	20.4 23.3 82 96 Analytical Meth Pace Analytical ND	mg/kg mg/kg % nod: EPA 801 I Services - h mg/kg	9.8 9.8 31-152 46-130 5B Preparation Me Kansas City 9.8	1 1 1 thod: E	06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 PA 5035A/5030B 06/08/21 08:27	06/08/21 10:31 06/08/21 10:31 06/08/21 10:31 06/08/21 13:39	92-94-4	
TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics TPH-GRO Surrogates	20.4 23.3 82 96 Analytical Metl Pace Analytica	mg/kg mg/kg % nod: EPA 801 I Services - F	9.8 9.8 31-152 46-130 5B Preparation Me Kansas City	1 1 1 ethod: E	06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 PA 5035A/5030B 06/08/21 08:27	06/08/21 10:31 06/08/21 10:31 06/08/21 10:31	92-94-4	
TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics TPH-GRO Surrogates 4-Bromofluorobenzene (S)	20.4 23.3 82 96 Analytical Metl Pace Analytica ND	mg/kg mg/kg % nod: EPA 801 I Services - I mg/kg %	9.8 9.8 31-152 46-130 5B Preparation Me Kansas City 9.8	1 1 1 ethod: E	06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 PA 5035A/5030B 06/08/21 08:27 06/08/21 08:27	06/08/21 10:31 06/08/21 10:31 06/08/21 10:31 06/08/21 13:39	92-94-4	
TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics TPH-GRO Surrogates 4-Bromofluorobenzene (S)	20.4 23.3 82 96 Analytical Metl Pace Analytica ND	mg/kg mg/kg % nod: EPA 801 I Services - h mg/kg %	9.8 9.8 31-152 46-130 5B Preparation Me Kansas City 9.8 63-121	1 1 1 ethod: E	06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 PA 5035A/5030B 06/08/21 08:27 06/08/21 08:27	06/08/21 10:31 06/08/21 10:31 06/08/21 10:31 06/08/21 13:39	92-94-4	
TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics TPH-GRO Surrogates 4-Bromofluorobenzene (S) 8260 MSV 5035A VOA Benzene	20.4 23.3 82 96 Analytical Mether Pace Analytical ND 94 Analytical Mether	mg/kg mg/kg % nod: EPA 801 I Services - h mg/kg %	9.8 9.8 31-152 46-130 5B Preparation Me Kansas City 9.8 63-121	1 1 1 ethod: E	06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 PA 5035A/5030B 06/08/21 08:27 06/08/21 08:27 PA 5035A/5030	06/08/21 10:31 06/08/21 10:31 06/08/21 10:31 06/08/21 13:39	92-94-4	

REPORT OF LABORATORY ANALYSIS

5.0

5.0

5.0

80-120

80-120

80-120

1

1

1

1

1

06/07/21 09:37 06/07/21 12:34 100-41-4

06/07/21 09:37 06/07/21 12:34 108-88-3

06/07/21 09:37 06/07/21 12:34 1330-20-7

06/07/21 09:37 06/07/21 12:34 2037-26-5

06/07/21 09:37 06/07/21 12:34 460-00-4

06/07/21 09:37 06/07/21 12:34 2199-69-1

ND

ND

ND

97

107

104

ug/kg

ug/kg

ug/kg

%

%

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Ethylbenzene

Xylene (Total)

4-Bromofluorobenzene (S)

Date: 06/09/2021 08:53 AM

1,2-Dichlorobenzene-d4 (S)

Surrogates
Toluene-d8 (S)

Toluene



Pace Project No.: 60371325	Lab ID. 000	74005005	0-11	24.00.44	2. Destruct of	2/05/04 00 55	A-t-i O-B-I	
Sample: SSW-2	Lab ID: 603		Collected: 06/03/2				//atrix: Solid	
Results reported on a "dry weight Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
					<u> </u>	<u> </u>		
Percent Moisture	Analytical Meth Pace Analytica							
Percent Moisture	1.5	%	0.50	1		06/07/21 09:30		
9056 IC Anions	Analytical Metl Pace Analytica		056 Preparation Met Kansas City	hod: EF	PA 9056			
Chloride	ND	mg/kg	105	10	06/07/21 08:51	06/08/21 09:06	16887-00-6	
Sample: WSW-1	Lab ID: 603	71325006	Collected: 06/03/2	21 09:4	5 Received: 06	3/05/21 08:55 N	Matrix: Solid	
Results reported on a "dry weight	t" basis and are adj	usted for p	ercent moisture, sa	ample s	ize and any dilu	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Metl		015B Preparation Me Kansas City	ethod: E	EPA 3546			
ГРН-DRO (С10-С28)	68.3	mg/kg	9.5	1	06/07/21 08:16	06/08/21 10:40		
TPH-ORO (C28-C35) Surrogates	32.7	mg/kg	9.5	1		06/08/21 10:40		
n-Tetracosane (S)	124	%	31-152	1		06/08/21 10:40		
p-Terphenyl (S)	106	%	46-130	1	06/07/21 08:16	06/08/21 10:40	92-94-4	
Gasoline Range Organics	Analytical Meth Pace Analytica		015B Preparation Me Kansas City	ethod: E	PA 5035A/5030B	1		
TPH-GRO	ND	mg/kg	10	1	06/08/21 08:27	06/08/21 14:01		
Surrogates	00	0/	C2 424	4	00/00/04 00:07	00/00/04 44-04	400.00.4	
4-Bromofluorobenzene (S)	96	%	63-121	1		06/08/21 14:01	460-00-4	
3260 MSV 5035A VOA	Analytical Meth Pace Analytica		260B Preparation Me Kansas City	ethod: E	EPA 5035A/5030			
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 12:50		
Toluene	ND	ug/kg	5.0	1		06/07/21 12:50		
Xylene (Total) S urrogates	ND	ug/kg	5.0	1	06/07/21 09:37	06/07/21 12:50	1330-20-7	
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 12:50		
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 Meth							
Percent Moisture	ND	%	0.50	1		06/07/21 09:30		
						50/01/21 09.50		
9056 IC Anions	Analytical Meth Pace Analytica		056 Preparation Met Kansas City	hod: EF	'A 9056			
						00/00/04 05 55	4000= 00 =	

REPORT OF LABORATORY ANALYSIS

103

10

ND

mg/kg

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Date: 06/09/2021 08:53 AM

Chloride

06/07/21 08:51 06/08/21 09:23 16887-00-6



Sample: FS-1	Lab ID: 6	0371325007	Collected: 06/03/2	1 09:50	Received: 06	/05/21 08:55	Matrix: Solid	
Results reported on a "dry weight	" basis and are a	adjusted for p	ercent moisture, sa	mple si	ze and any dilut	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
8015B Diesel Range Organics	Analytical M	ethod: EPA 80	15B Preparation Me	thod: EF	PA 3546			
	Pace Analyt	ical Services -	Kansas City					
TPH-DRO (C10-C28)	ND	mg/kg	10.1	1	06/07/21 08:16	06/08/21 10:4	8	
TPH-ORO (C28-C35)	ND	mg/kg	10.1	1	06/07/21 08:16	06/08/21 10:4	8	
Surrogates								
n-Tetracosane (S)	95	%	31-152	1	06/07/21 08:16			
o-Terphenyl (S)	77	%	46-130	1	06/07/21 08:16	06/08/21 10:4	8 92-94-4	
Gasoline Range Organics	•	ethod: EPA 80 ical Services -	15B Preparation Me Kansas City	thod: EF	PA 5035A/5030B			
TPH-GRO	ND	mg/kg	11.0	1	06/08/21 08:27	06/08/21 15:0	ô	
Surrogates	0.5	0/	02.404	4	00/00/04 00:07	00/00/04 45:0	. 400 00 4	
4-Bromofluorobenzene (S)	95	%	63-121	1	06/08/21 08:27	06/08/21 15:0	0 460-00-4	
3260 MSV 5035A VOA		ethod: EPA 82 ical Services -	260B Preparation Me Kansas City	thod: EF	PA 5035A/5030			
Benzene	ND	ug/kg	5.2	1	06/07/21 09:37	06/07/21 13:0	6 71-43-2	
Ethylbenzene	ND	ug/kg	5.2	1	06/07/21 09:37	06/07/21 13:0	6 100-41-4	
Toluene	ND	ug/kg	5.2	1	06/07/21 09:37	06/07/21 13:0	6 108-88-3	
Xylene (Total)	ND	ug/kg	5.2	1	06/07/21 09:37	06/07/21 13:0	6 1330-20-7	
Surrogates Toluene-d8 (S)	95	%	80-120	1	06/07/21 09:37	06/07/21 13:0	6 2037-26-5	
4-Bromofluorobenzene (S)	105	%	80-120	1	06/07/21 09:37			
1,2-Dichlorobenzene-d4 (S)	106	%	80-120	1	06/07/21 09:37			
Percent Moisture	•	ethod: ASTM ical Services -						
Percent Moisture	5.3	%	0.50	1		06/07/21 09:3	n	
					0050	30/01/21 00.0	•	
9056 IC Anions	-	etnod: EPA 90 ical Services -	56 Preparation Meth	10a: EPA	7 9006			
Chloride	532		104	10	06/07/21 08:51	06/09/21 00:4	1 16007 00 6	
Chiloride	532	mg/kg	104	10	00/07/21 00.51	00/00/21 09.4	1 10007-00-0	
Sample: FS-3	Lab ID: 6	0371325008	Collected: 06/03/2	1 09:55	Received: 06	6/05/21 08:55	Matrix: Solid	
Results reported on a "dry weight	" basis and are a	adjusted for p	ercent moisture, sa	mple si	ze and any dilut	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua

REPORT OF LABORATORY ANALYSIS

10.4

10.4

1

31-152

46-130

06/07/21 08:16 06/08/21 10:56

06/07/21 08:16 06/08/21 10:56

06/07/21 08:16 06/08/21 10:56 646-31-1

06/07/21 08:16 06/08/21 10:56 92-94-4

ND

ND

95

88

mg/kg

mg/kg

%

%

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TPH-DRO (C10-C28)

TPH-ORO (C28-C35)

Date: 06/09/2021 08:53 AM

n-Tetracosane (S)

p-Terphenyl (S)

Surrogates



MCA 108

Project:

ANALYTICAL RESULTS

Sample: FS-3	Lab ID: 603	71325008	Collected: 06/03/2	1 09:55	5 Received: 06	5/05/21 08:55 N	latrix: Solid	
Results reported on a "dry weig	ht" basis and are adj	usted for p	ercent moisture, sa	mple s	ize and any dilut	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Meth Pace Analytica		15B Preparation Me Kansas City	thod: E	PA 5035A/5030B			
TPH-GRO <i>Surrogates</i>	ND	mg/kg	9.2	1		06/08/21 15:27		
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 Meth	nod: EPA 82	60B Preparation Me	thod: E	PA 5035A/5030			
	Pace Analytica	l 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		0 0						
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 Meth	nod: ASTM [02974					
	Pace Analytica	l Services -	Kansas City					
Percent Moisture	4.2	%	0.50	1		06/07/21 09:30		
9056 IC Anions	Analytical Mether Pace Analytica		56 Preparation Meth Kansas City	od: EP	PA 9056			
Chloride	534	mg/kg	100	10	06/07/21 08:51	06/08/21 09:58	16887-00-6	
Sample: FS-4	Lab ID: 603		Collected: 06/03/2				Matrix: Solid	
Results reported on a "dry weig	ht" basis and are adj	usted for p	ercent moisture, sa	mple s	ize and any dilu	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015B Diesel Range Organics	Analytical Met	nod: EPA 8015B	Preparation Me	thod: E	EPA 3546			
	Pace Analytica	l Services - Kan	sas 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 Met	nod: EPA 8015B	Preparation Me	thod: E	EPA 5035A/5030B			
	Pace Analytica	l Services - Kan	sas 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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Project:	MCA 108
Pace Project No.:	60371325

Sample: FS-4	Lab ID: 603	71325009	Collected: 06/03/2	1 10:00	Received: 06	/05/21 08:55 N	latrix: Solid					
Results reported on a "dry weight	t" basis and are adj	usted for pe	rcent moisture, sa	mple s	ize and any dilut	ions.						
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua				
3260 MSV 5035A VOA	Analytical Meth	nod: EPA 826	60B Preparation Me	thod: E	PA 5035A/5030							
	Pace Analytica	Pace Analytical Services - Kansas City										
Benzene	ND	ug/kg	5.2	1	06/07/21 00:37	06/07/21 13:37	71_/13_2					
Ethylbenzene	ND	ug/kg ug/kg	5.2	1		06/07/21 13:37						
Toluene	ND	ug/kg ug/kg	5.2	1		06/07/21 13:37						
Xylene (Total)	ND	ug/kg ug/kg	5.2	1		06/07/21 13:37						
Surrogates	ND	ug/kg	5.2	'	00/01/21 09.51	00/07/21 13.37	1550-20-7					
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 13:37						
,2-Dichlorobenzene-d4 (S)	105	%	80-120	1		06/07/21 13:37						
Percent Moisture	Analytical Meth	nod: ASTM D	2974									
	Pace Analytica											
Percent Moisture	5.1	%	0.50	1		06/07/21 09:30						
9056 IC Anions	Analytical Meth	nod: EPA 905	66 Preparation Meth	nod: EF	PA 9056							
	Pace Analytica											
Chloride	755	mg/kg	108	10	06/07/21 08:51	06/08/21 10:16	16887-00-6					
Sample: FS-5	Lab ID: 603	71325010	Collected: 06/03/2	1 10:0	5 Received: 06	/05/21 08:55 M	latrix: Solid					
•							latrix: Solid					
•							latrix: Solid CAS No.	Qua				
	Results	Units	Report Limit	mple s	Prepared	ions.		Qua				
Results reported on a "dry weight	Results	Units	rcent moisture, sa	mple s	Prepared	ions.		Qua				
Results reported on a "dry weight Parameters	Results	Units nod: EPA 801	Report Limit 5B Preparation Me	mple s	Prepared	ions.		Qua				
Results reported on a "dry weight Parameters B015B Diesel Range Organics	Results Analytical Methorace Analytica	Units Hod: EPA 801 I Services - k	Report Limit 5B Preparation Me Kansas City	DF thod: E	Prepared PA 3546	Analyzed		Qua				
Parameters Bo15B Diesel Range Organics FPH-DRO (C10-C28)	Results Analytical Methodo Pace Analytical 13.2	Units Od: EPA 801 I Services - k mg/kg	Report Limit 5B Preparation Me Kansas City 9.9	mple s DF thod: E	Prepared PA 3546 06/07/21 08:16	Analyzed 06/08/21 11:13		Qua				
Results reported on a "dry weight Parameters	Results Analytical Methorace Analytica	Units Hod: EPA 801 I Services - k	Report Limit 5B Preparation Me Kansas City	DF thod: E	Prepared PA 3546	Analyzed 06/08/21 11:13		Qua				
Results reported on a "dry weight Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates	Results Analytical Methodo Pace Analytical 13.2	Units Od: EPA 801 I Services - k mg/kg	Report Limit 5B Preparation Me Kansas City 9.9	mple s DF thod: E	Prepared PA 3546 06/07/21 08:16 06/07/21 08:16	Analyzed 06/08/21 11:13	CAS No.	Qua				
Parameters B015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates 1-Tetracosane (S)	Results Analytical Meth Pace Analytica 13.2 ND	Units Od: EPA 801 I Services - k mg/kg mg/kg	Report Limit 5B Preparation Me Kansas City 9.9 9.9	mple s DF thod: E	Prepared PA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16	Analyzed 06/08/21 11:13 06/08/21 11:13	CAS No.	Qua				
Parameters B015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S)	Analytical Methodology Pace Analytical 13.2 ND 99 96	Units Units Hod: EPA 801 Il Services - k mg/kg mg/kg % %	Report Limit 5B Preparation Me Kansas City 9.9 9.9 31-152 46-130	thod: E	Prepared PA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16	Analyzed 06/08/21 11:13 06/08/21 11:13	CAS No.	Qua				
Parameters B015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S)	Analytical Methodology Results Analytical Methodology Pace Analytica 13.2 ND 99 96 Analytical Methodology	Units Hod: EPA 801 I Services - k mg/kg mg/kg % % hod: EPA 801	Report Limit 5B Preparation Me (ansas City 9.9 9.9 31-152 46-130 5B Preparation Me	thod: E	Prepared PA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16	Analyzed 06/08/21 11:13 06/08/21 11:13	CAS No.	Qua				
Parameters B015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates n-Tetracosane (S)	Analytical Methodology Pace Analytical 13.2 ND 99 96	Units Hod: EPA 801 I Services - k mg/kg mg/kg % % hod: EPA 801	Report Limit 5B Preparation Me (ansas City 9.9 9.9 31-152 46-130 5B Preparation Me	thod: E	Prepared PA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16	Analyzed 06/08/21 11:13 06/08/21 11:13	CAS No.	Qua				
Results reported on a "dry weight Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Furrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics FPH-GRO	Analytical Methodology Results Analytical Methodology Pace Analytica 13.2 ND 99 96 Analytical Methodology	Units Hod: EPA 801 I Services - k mg/kg mg/kg % % hod: EPA 801	Report Limit 5B Preparation Me Kansas City 9.9 9.9 31-152 46-130 5B Preparation Me Kansas City	thod: E	Prepared PA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 2PA 5035A/5030B	Analyzed 06/08/21 11:13 06/08/21 11:13	CAS No.	Qua				
Parameters Results reported on a "dry weight Parameters RO15B Diesel Range Organics RPH-DRO (C10-C28) RPH-DRO (C28-C35) Rurrogates R-Tetracosane (S) R-Terphenyl (S) Gasoline Range Organics RPH-GRO Surrogates	Results Analytical Meth Pace Analytica 13.2 ND 99 96 Analytical Meth Pace Analytical Meth Pace Analytical Meth Pace Analytical Meth	usted for pe Units nod: EPA 801 Il Services - k mg/kg mg/kg % hod: EPA 801 Il Services - k mg/kg	Report Limit 5B Preparation Me Kansas City 9.9 9.9 31-152 46-130 5B Preparation Me Kansas City 10.3	thod: E	Prepared PA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 2PA 5035A/5030B 06/08/21 08:27	06/08/21 11:13 06/08/21 11:13 06/08/21 11:13 06/08/21 11:13	CAS No. 646-31-1 92-94-4	Qua				
Results reported on a "dry weight Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics FPH-GRO Surrogates	Analytical Methodology Analytical Methodology Analytical Methodology 13.2 ND 99 96 Analytical Methodology Analytical Methodology Pace Analytical	usted for pe Units nod: EPA 801 Il Services - k mg/kg mg/kg % % nod: EPA 801 Il Services - k	Report Limit 5B Preparation Me Kansas City 9.9 9.9 31-152 46-130 5B Preparation Me Kansas City	mple s DF thod: E	Prepared PA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 2PA 5035A/5030B 06/08/21 08:27	06/08/21 11:13 06/08/21 11:13 06/08/21 11:13 06/08/21 11:13	CAS No. 646-31-1 92-94-4	Qua				
Results reported on a "dry weight Parameters B015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics TPH-GRO Surrogates 4-Bromofluorobenzene (S)	Results Analytical Meth Pace Analytica 13.2 ND 99 96 Analytical Meth Pace Analytical Meth Pace Analytical Meth Pace Analytical Meth Pace Analytical Meth Pace Analytical ND 94	usted for pe Units nod: EPA 801 Il Services - k mg/kg mg/kg % % nod: EPA 801 Il Services - k mg/kg	Report Limit 5B Preparation Me Kansas City 9.9 9.9 31-152 46-130 5B Preparation Me Kansas City 10.3	mple s DF thod: E 1 1 1 thod: E	Prepared PA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 2PA 5035A/5030B 06/08/21 08:27	06/08/21 11:13 06/08/21 11:13 06/08/21 11:13 06/08/21 11:13	CAS No. 646-31-1 92-94-4	Qua				
Results reported on a "dry weight Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates F-Tetracosane (S) D-Terphenyl (S) Gasoline Range Organics FPH-GRO Surrogates FPH-GRO Surrogates FPH-GRO Surrogates FPH-GRO Surrogates FPH-GRO Surrogates FPH-GRO Surrogates FPH-GRO Surrogates	Results Analytical Meth Pace Analytica 13.2 ND 99 96 Analytical Meth Pace Analytical Meth Pace Analytical Meth Pace Analytical Meth Pace Analytical Meth Pace Analytical ND 94	usted for pe Units nod: EPA 801 Il Services - k mg/kg mg/kg % nod: EPA 801 Il Services - k mg/kg mg/kg mg/kg hod: EPA 801	Report Limit 5B Preparation Me Kansas City 9.9 31-152 46-130 5B Preparation Me Kansas City 10.3 63-121	mple s DF thod: E 1 1 1 thod: E	Prepared PA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 2PA 5035A/5030B 06/08/21 08:27	06/08/21 11:13 06/08/21 11:13 06/08/21 11:13 06/08/21 11:13	CAS No. 646-31-1 92-94-4	Qua				
Results reported on a "dry weight Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics FPH-GRO Surrogates 4-Bromofluorobenzene (S) 8260 MSV 5035A VOA	Results Analytical Meth Pace Analytical 13.2 ND 99 96 Analytical Meth Pace Analytical ND 94 Analytical Meth Pace Analytical ND 94 Analytical Meth Pace Analytical Meth Pace Analytical	usted for pe Units nod: EPA 801 Il Services - k mg/kg mg/kg % nod: EPA 801 Il Services - k mg/kg %	Report Limit Report Limit 5B Preparation Me Cansas City 9.9 9.9 31-152 46-130 5B Preparation Me Cansas City 10.3 63-121 50B Preparation Me Cansas City	mple s DF thod: E 1 1 1 thod: E 1 thod: E	Prepared Prepared PA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 2PA 5035A/5030B 06/08/21 08:27 06/08/21 08:27 2PA 5035A/5030	06/08/21 11:13 06/08/21 11:13 06/08/21 11:13 06/08/21 11:13 06/08/21 11:13	CAS No. 646-31-1 92-94-4 460-00-4	Qua				
Results reported on a "dry weight Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) FURDER OR (C28-C35) FOR OR (C38-C35) FOR OR (C38	Analytical Meth Pace Analytical Meth Pace Analytical Meth Pace Analytical Meth Pace Analytical Meth Pace Analytical Meth Pace Analytical Meth Pace Analytical Meth Pace Analytical Meth Pace Analytical Meth Pace Analytical Meth Pace Analytical Meth Pace Analytical ND	usted for pe Units nod: EPA 801 Il Services - k mg/kg mg/kg % nod: EPA 801 Il Services - k mg/kg % nod: EPA 826 Il Services - k ug/kg	Report Limit Report Limit 5B Preparation Me Cansas City 9.9 31-152 46-130 5B Preparation Me Cansas City 10.3 63-121 60B Preparation Me Cansas City 5.2	mple s DF thod: E 1 1 1 thod: E 1 thod: E	Prepared Prepared PA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 2PA 5035A/5030B 06/08/21 08:27 06/08/21 08:27 2PA 5035A/5030 06/07/21 09:37	06/08/21 11:13 06/08/21 11:13 06/08/21 11:13 06/08/21 11:13 06/08/21 11:13 06/08/21 16:10 06/08/21 16:10	CAS No. 646-31-1 92-94-4 460-00-4	Qua				
Results reported on a "dry weight Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics FPH-GRO Surrogates 4-Bromofluorobenzene (S) 8260 MSV 5035A VOA Benzene Ethylbenzene	Results Analytical Meth Pace Analytical 13.2 ND 99 96 Analytical Meth Pace Analytical ND 94 Analytical Meth Pace Analytical ND ND ND ND	usted for pe Units nod: EPA 801 Il Services - k mg/kg mg/kg % nod: EPA 801 Il Services - k mg/kg % nod: EPA 826 Il Services - k ug/kg ug/kg	Report Limit Report Limit 5B Preparation Me Cansas City 9.9 31-152 46-130 5B Preparation Me Cansas City 10.3 63-121 50B Preparation Me Cansas City 5.2 5.2	thod: E	Prepared Prepared PA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 PA 5035A/5030B 06/08/21 08:27 06/08/21 08:27 PA 5035A/5030 06/07/21 09:37 06/07/21 09:37	06/08/21 11:13 06/08/21 11:13 06/08/21 11:13 06/08/21 11:13 06/08/21 11:13 06/08/21 16:10 06/08/21 16:10	CAS No. 646-31-1 92-94-4 71-43-2 100-41-4	Qua				
Results reported on a "dry weight Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) FURDER (C28-C35) FOR PH-ORO (C28-C35) FOR PH-ORO (C38-C35) FOR PH-ORO (C38-C35) FOR PH-ORO (C38-C35) FPH-GRO (C38-C35	Results Analytical Meth Pace Analytical 13.2 ND 99 96 Analytical Meth Pace Analytical ND 94 Analytical Meth Pace Analytical ND ND ND ND ND	usted for pe Units nod: EPA 801 Il Services - k mg/kg mg/kg % nod: EPA 801 Il Services - k mg/kg % nod: EPA 826 Il Services - k ug/kg ug/kg ug/kg	Report Limit 5B Preparation Me Kansas City 9.9 9.9 31-152 46-130 5B Preparation Me Kansas City 10.3 63-121 60B Preparation Me Kansas City 5.2 5.2 5.2	thod: E	Prepared Prepared PA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 2PA 5035A/5030B 06/08/21 08:27 06/08/21 08:27 2PA 5035A/5030 06/07/21 09:37 06/07/21 09:37 06/07/21 09:37	06/08/21 11:13 06/08/21 11:13 06/08/21 11:13 06/08/21 11:13 06/08/21 11:13 06/08/21 16:10 06/08/21 16:10	CAS No. 646-31-1 92-94-4 71-43-2 100-41-4 108-88-3	Qua				
Parameters B015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S)	Results Analytical Meth Pace Analytical 13.2 ND 99 96 Analytical Meth Pace Analytical ND 94 Analytical Meth Pace Analytical ND ND ND ND	usted for pe Units nod: EPA 801 Il Services - k mg/kg mg/kg % nod: EPA 801 Il Services - k mg/kg % nod: EPA 826 Il Services - k ug/kg ug/kg	Report Limit Report Limit 5B Preparation Me Cansas City 9.9 31-152 46-130 5B Preparation Me Cansas City 10.3 63-121 50B Preparation Me Cansas City 5.2 5.2	thod: E	Prepared Prepared PA 3546 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 2PA 5035A/5030B 06/08/21 08:27 06/08/21 08:27 2PA 5035A/5030 06/07/21 09:37 06/07/21 09:37 06/07/21 09:37	06/08/21 11:13 06/08/21 11:13 06/08/21 11:13 06/08/21 11:13 06/08/21 11:13 06/08/21 16:10 06/08/21 16:10	CAS No. 646-31-1 92-94-4 71-43-2 100-41-4 108-88-3	Qua				

REPORT OF LABORATORY ANALYSIS

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Project:	MCA 108
Pace Project No.:	60371325

Sample: FS-5	Lab ID: 603	71325010	Collected: 06/03/2	21 10:0	5 Received: 06	/05/21 08:55 IV	latrix: Solid	
Results reported on a "dry weight	" basis and are adj	usted for pe	rcent moisture, sa	mple s	ize and any dilut	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
3260 MSV 5035A VOA	Analytical Meth	nod: EPA 826	0B Preparation Me	ethod: E	EPA 5035A/5030			
	Pace Analytica	l Services - k	Cansas City					
Surrogates								
I-Bromofluorobenzene (S)	105	%	80-120	1	06/07/21 09:37	06/07/21 13:53	460-00-4	
,2-Dichlorobenzene-d4 (S)	104	%	80-120	1	06/07/21 09:37	06/07/21 13:53	2199-69-1	
Percent Moisture	Analytical Meth	nod: ASTM D	2974					
	Pace Analytica							
Percent Moisture	4.6	%	0.50	1		06/07/21 09:30		
056 IC Anions	Analytical Meth	nod: EPA 905	6 Preparation Meth	nod: FF	PΔ 9056			
1000 IO AIIIUIIS	Pace Analytica			iou. LF	A 3000			
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: 603	74225044	Collected: 06/03/2	24 00.20	Danived: 06	10E/24 00.EE N	latrix: Solid	
esults reported on a "dry weight"							ialiix. Soliu	
, ,	-	•		•	•			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
					-	Analyzed	CAS No.	- Qua
		nod: EPA 801	5B Preparation Me		-	Analyzed	CAS No.	Qua
015B Diesel Range Organics	Analytical Meth	nod: EPA 801 Il Services - k	5B Preparation Me Kansas City	ethod: E	EPA 3546		CAS No.	- Qua
1015B Diesel Range Organics TPH-DRO (C10-C28)	Analytical Meth	nod: EPA 801 Il Services - k mg/kg	5B Preparation Me		EPA 3546 06/07/21 08:16	Analyzed 06/08/21 11:21 06/08/21 11:21	CAS No.	Qua
i015B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35)	Analytical Meth Pace Analytica 23.0	nod: EPA 801 Il Services - k	5B Preparation Me (ansas City 9.7	ethod: E	EPA 3546 06/07/21 08:16	06/08/21 11:21	CAS No.	- Qua
015B Diesel Range Organics PH-DRO (C10-C28) PH-ORO (C28-C35) Gurrogates	Analytical Mether Pace Analytica 23.0 11.7	nod: EPA 801 I Services - k mg/kg mg/kg %	5B Preparation Me (ansas City 9.7	ethod: E	06/07/21 08:16 06/07/21 08:16	06/08/21 11:21	-	Qua S1
O15B Diesel Range Organics PH-DRO (C10-C28) PH-ORO (C28-C35) Currogates -Tetracosane (S)	Analytical Meti Pace Analytica 23.0 11.7	nod: EPA 801 I Services - k mg/kg mg/kg	5B Preparation Me Kansas City 9.7 9.7	ethod: E	06/07/21 08:16 06/07/21 08:16 06/07/21 08:16	06/08/21 11:21 06/08/21 11:21	646-31-1	
PH-DRO (C10-C28) PH-ORO (C28-C35) Currogates Tetracosane (S) Terphenyl (S)	Analytical Meth Pace Analytica 23.0 11.7 159 84	mod: EPA 801 Il Services - k mg/kg mg/kg % %	5B Preparation Me Kansas City 9.7 9.7 31-152	ethod: E 1 1 1 1	06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16	06/08/21 11:21 06/08/21 11:21 06/08/21 11:21 06/08/21 11:21	646-31-1	
Parameters 8015B Diesel Range Organics FPH-DRO (C10-C28) FPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics	Analytical Meth Pace Analytica 23.0 11.7 159 84	mod: EPA 801 Il Services - k mg/kg mg/kg % % mod: EPA 801	5B Preparation Me Sansas City 9.7 9.7 9.7 31-152 46-130 5B Preparation Me	2thod: E 1 1 1 1	06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16	06/08/21 11:21 06/08/21 11:21 06/08/21 11:21 06/08/21 11:21	646-31-1	
PH-DRO (C10-C28) PH-ORO (C28-C35) FH-ORO (C28-C35) Furrogates I-Tetracosane (S) I-Terphenyl (S) Fasoline Range Organics	Analytical Metheral Pace Analytical 23.0 11.7 159 84 Analytical Metheral Metheral Pace Analytical	mod: EPA 801 Il Services - k mg/kg mg/kg % % mod: EPA 801 Il Services - k	5B Preparation Me Cansas City 9.7 9.7 31-152 46-130 5B Preparation Me Cansas City	ethod: E 1 1 1 1 1 ethod: E	06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 EPA 5035A/5030B	06/08/21 11:21 06/08/21 11:21 06/08/21 11:21 06/08/21 11:21	646-31-1	
O15B Diesel Range Organics PH-DRO (C10-C28) PH-ORO (C28-C35) Gurrogates -Tetracosane (S) -Terphenyl (S) Gasoline Range Organics	Analytical Methodology Pace Analytica 23.0 11.7 159 84 Analytical Methodology	mod: EPA 801 Il Services - k mg/kg mg/kg % % mod: EPA 801	5B Preparation Me Sansas City 9.7 9.7 9.7 31-152 46-130 5B Preparation Me	2thod: E 1 1 1 1	06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 EPA 5035A/5030B	06/08/21 11:21 06/08/21 11:21 06/08/21 11:21 06/08/21 11:21	646-31-1	
O15B Diesel Range Organics PH-DRO (C10-C28) PH-ORO (C28-C35) Gurrogates -Tetracosane (S) -Terphenyl (S) Gasoline Range Organics PH-GRO Gurrogates	Analytical Metheral Pace Analytical 23.0 11.7 159 84 Analytical Metheral Metheral Pace Analytical	mod: EPA 801 Il Services - k mg/kg mg/kg % % mod: EPA 801 Il Services - k	5B Preparation Me Cansas City 9.7 9.7 31-152 46-130 5B Preparation Me Cansas City	ethod: E 1 1 1 1 1 ethod: E	06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 EPA 5035A/5030B	06/08/21 11:21 06/08/21 11:21 06/08/21 11:21 06/08/21 11:21	646-31-1 92-94-4	
PH-DRO (C10-C28) PH-ORO (C28-C35) PH-ORO (C28-C35) PH-GRO (C28-C35) P-Tetracosane (S) P-Terphenyl (S) P-Terphenyl (S) P-Gasoline Range Organics PH-GRO PH-GR	Analytical Meth Pace Analytica 23.0 11.7 159 84 Analytical Meth Pace Analytical ND 96	mod: EPA 801 Il Services - k mg/kg mg/kg % % mod: EPA 801 Il Services - k mg/kg %	5B Preparation Me (ansas City 9.7 9.7 31-152 46-130 5B Preparation Me (ansas City 10.0 63-121	ethod: E	06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 EPA 5035A/5030B 06/08/21 08:27	06/08/21 11:21 06/08/21 11:21 06/08/21 11:21 06/08/21 11:21 06/08/21 16:31	646-31-1 92-94-4	
PH-DRO (C10-C28) PH-ORO (C28-C35) PH-ORO (C28-C35) PH-GRO (C28-C35) P-Tetracosane (S) P-Terphenyl (S) P-Terphenyl (S) P-Gasoline Range Organics PH-GRO PH-GR	Analytical Meth Pace Analytica 23.0 11.7 159 84 Analytical Meth Pace Analytical ND 96	mod: EPA 801 Il Services - k mg/kg mg/kg % nod: EPA 801 Il Services - k mg/kg % mod: EPA 826	5B Preparation Me (ansas City 9.7 9.7 31-152 46-130 5B Preparation Me (ansas City 10.0 63-121	ethod: E	06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 EPA 5035A/5030B 06/08/21 08:27	06/08/21 11:21 06/08/21 11:21 06/08/21 11:21 06/08/21 11:21 06/08/21 16:31	646-31-1 92-94-4	
SO15B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Surrogates n-Tetracosane (S) p-Terphenyl (S) Gasoline Range Organics TPH-GRO Surrogates 1-Bromofluorobenzene (S) 3260 MSV 5035A VOA	Analytical Mether Pace Analytical Mether Pace Analytical Mether Pace Analytical Mether Pace Analytical Mether Pace Analytical Mether Pace Analytical Mether Pace Analytical Mether Pace Analytical Mether Pace Analytical Me	mod: EPA 801 Il Services - k mg/kg mg/kg % hod: EPA 801 Il Services - k mg/kg %	5B Preparation Me (ansas City 9.7 9.7 31-152 46-130 5B Preparation Me (ansas City 10.0 63-121 0B Preparation Me (ansas City	ethod: E 1 1 1 1 1 1 1 1 tethod: E	06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 EPA 5035A/5030B 06/08/21 08:27 06/08/21 08:27 EPA 5035A/5030	06/08/21 11:21 06/08/21 11:21 06/08/21 11:21 06/08/21 11:21 06/08/21 16:31	646-31-1 92-94-4 460-00-4	
PH-DRO (C10-C28) PH-DRO (C28-C35) PH-ORO (C28-C35) PH-GRO (C38-C35) P-Tetracosane (S) P-Terphenyl (S) P-Terphenyl (S) PH-GRO (C38-C35) PH-GRO	Analytical Mether Pace Analytical Mether Pace Analytical Mether Pace Analytical Mether Pace Analytical Mether Pace Analytical Mether Pace Analytical Mether Pace Analytical Mether Pace Analytical Mether Pace Analytical MD	mod: EPA 801 Il Services - k mg/kg mg/kg % hod: EPA 801 Il Services - k mg/kg % hod: EPA 826 Il Services - k ug/kg	5B Preparation Me (ansas City 9.7 9.7 31-152 46-130 5B Preparation Me (ansas City 10.0 63-121 0B Preparation Me (ansas City 5.1	ethod: E 1 1 1 1 1 1 1 tethod: E	06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 EPA 5035A/5030B 06/08/21 08:27 06/08/21 08:27 EPA 5035A/5030	06/08/21 11:21 06/08/21 11:21 06/08/21 11:21 06/08/21 11:21 06/08/21 16:31 06/08/21 16:31	646-31-1 92-94-4 460-00-4 71-43-2	
PH-DRO (C10-C28) PH-DRO (C28-C35) PH-ORO (C28-C35) PH-GRO (C38-C35) P-Tetracosane (S) P-Terphenyl (S) P-Terphenyl (S) PH-GRO (C38-C35) PH-GRO	Analytical Methodology Pace Analytical 23.0 11.7 159 84 Analytical Methodology Pace Analytical ND 96 Analytical Methodology Pace Analytical ND ND ND	mod: EPA 801 Il Services - k mg/kg mg/kg % hod: EPA 801 Il Services - k mg/kg % hod: EPA 826 Il Services - k ug/kg ug/kg	5B Preparation Me (ansas City 9.7 9.7 31-152 46-130 5B Preparation Me (ansas City 10.0 63-121 0B Preparation Me (ansas City 5.1 5.1	ethod: E 1 1 1 1 1 1 1 tethod: E 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 EPA 5035A/5030B 06/08/21 08:27 06/08/21 08:27 EPA 5035A/5030	06/08/21 11:21 06/08/21 11:21 06/08/21 11:21 06/08/21 11:21 06/08/21 16:31 06/08/21 16:31	646-31-1 92-94-4 460-00-4 71-43-2 100-41-4	
PH-DRO (C10-C28) PH-DRO (C28-C35) PH-ORO (C28-C35) PH-GRO (C28-C35) P-Tetracosane (S) P-Terphenyl (S) P-Terphenyl (S) PH-GRO PH-	Analytical Meth Pace Analytica 23.0 11.7 159 84 Analytical Meth Pace Analytical ND 96 Analytical Meth Pace Analytical ND ND ND ND	mod: EPA 801 Il Services - k mg/kg mg/kg % hod: EPA 801 Il Services - k mg/kg % hod: EPA 826 Il Services - k ug/kg ug/kg ug/kg	5B Preparation Me (ansas City 9.7 9.7 31-152 46-130 5B Preparation Me (ansas City 10.0 63-121 0B Preparation Me (ansas City 5.1 5.1	ethod: E 1 1 1 1 1 1 1 tethod: E 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 EPA 5035A/5030B 06/08/21 08:27 06/08/21 08:27 EPA 5035A/5030 06/07/21 09:37 06/07/21 09:37 06/07/21 09:37	06/08/21 11:21 06/08/21 11:21 06/08/21 11:21 06/08/21 11:21 06/08/21 16:31 06/08/21 16:31 06/07/21 14:09 06/07/21 14:09 06/07/21 14:09	646-31-1 92-94-4 460-00-4 71-43-2 100-41-4 108-88-3	
PH-DRO (C10-C28) PH-DRO (C28-C35) PH-ORO (C28-C35) PH-GRO (C28-C35) P-Tetracosane (S) P-Terphenyl (S) PH-GRO Organics	Analytical Methodology Pace Analytical 23.0 11.7 159 84 Analytical Methodology Pace Analytical ND 96 Analytical Methodology Pace Analytical ND ND ND	mod: EPA 801 Il Services - k mg/kg mg/kg % hod: EPA 801 Il Services - k mg/kg % hod: EPA 826 Il Services - k ug/kg ug/kg	5B Preparation Me (ansas City 9.7 9.7 31-152 46-130 5B Preparation Me (ansas City 10.0 63-121 0B Preparation Me (ansas City 5.1 5.1	ethod: E 1 1 1 1 1 1 1 tethod: E 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 EPA 5035A/5030B 06/08/21 08:27 06/08/21 08:27 EPA 5035A/5030 06/07/21 09:37 06/07/21 09:37	06/08/21 11:21 06/08/21 11:21 06/08/21 11:21 06/08/21 11:21 06/08/21 16:31 06/08/21 16:31	646-31-1 92-94-4 460-00-4 71-43-2 100-41-4 108-88-3	
O15B Diesel Range Organics PH-DRO (C10-C28) PH-ORO (C28-C35) Currogates -Tetracosane (S) -Terphenyl (S) Casoline Range Organics PH-GRO Currogates -Bromofluorobenzene (S) 260 MSV 5035A VOA Senzene Ethylbenzene Sylene (Total) Currogates	Analytical Meth Pace Analytica 23.0 11.7 159 84 Analytical Meth Pace Analytical ND 96 Analytical Meth Pace Analytical ND ND ND ND	mod: EPA 801 Il Services - k mg/kg mg/kg % hod: EPA 801 Il Services - k mg/kg % hod: EPA 826 Il Services - k ug/kg ug/kg ug/kg	5B Preparation Me (ansas City 9.7 9.7 31-152 46-130 5B Preparation Me (ansas City 10.0 63-121 0B Preparation Me (ansas City 5.1 5.1	ethod: E 1 1 1 1 1 1 1 tethod: E 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 EPA 5035A/5030B 06/08/21 08:27 06/08/21 08:27 EPA 5035A/5030 06/07/21 09:37 06/07/21 09:37 06/07/21 09:37	06/08/21 11:21 06/08/21 11:21 06/08/21 11:21 06/08/21 11:21 06/08/21 16:31 06/08/21 16:31 06/07/21 14:09 06/07/21 14:09 06/07/21 14:09	646-31-1 92-94-4 460-00-4 71-43-2 100-41-4 108-88-3 1330-20-7	
GO15B Diesel Range Organics TPH-DRO (C10-C28) TPH-ORO (C28-C35) Gurrogates n-Tetracosane (S) D-Terphenyl (S)	Analytical Meth Pace Analytica 23.0 11.7 159 84 Analytical Meth Pace Analytical ND 96 Analytical Meth Pace Analytical ND ND ND ND ND ND ND ND	mod: EPA 801 Il Services - k mg/kg mg/kg % hod: EPA 801 Il Services - k mg/kg % hod: EPA 826 Il Services - k ug/kg ug/kg ug/kg ug/kg	9.7 9.7 9.7 9.7 31-152 46-130 5B Preparation Me (ansas City 10.0 63-121 0B Preparation Me (ansas City 5.1 5.1 5.1	ethod: E 1 1 1 1 1 1 1 ethod: E 1 1 1 1 1 1 1 1 1 1 1 1	06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 06/07/21 08:16 EPA 5035A/5030B 06/08/21 08:27 06/08/21 08:27 EPA 5035A/5030 06/07/21 09:37 06/07/21 09:37 06/07/21 09:37	06/08/21 11:21 06/08/21 11:21 06/08/21 11:21 06/08/21 11:21 06/08/21 16:31 06/08/21 16:31 06/07/21 14:09 06/07/21 14:09 06/07/21 14:09	646-31-1 92-94-4 460-00-4 71-43-2 100-41-4 108-88-3 1330-20-7 2037-26-5	

REPORT OF LABORATORY ANALYSIS

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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 Prepared Analyzed CAS No. Qual Analytical Method: ASTM D2974 **Percent Moisture** 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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Project: MCA 108
Pace Project No.: 60371325

QC Batch: 724682 Analysis Method: EPA 8015B

QC Batch Method: EPA 5035A/5030B 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

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

LABORATORY CONTROL SAMPLE: 2912848

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2912849 2912850

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

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REPORT OF LABORATORY ANALYSIS

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Project: MCA 108
Pace Project No.: 60371325

QC Batch: 724705 Analysis Method: EPA 8260B

QC Batch Method: EPA 5035A/5030 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

		Blank	Reporting		
Parameter	Units	Result	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					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% 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 SP	IKE DUPI	LICATE: 2912	945 MS	MSD	2912946							
Demonstra	1.1	60371325011	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	0
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	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	

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REPORT OF LABORATORY ANALYSIS

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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

60371325001, 60371325002, 60371325003, 60371325004, 60371325005, 60371325006, 60371325007, Associated Lab Samples:

 $60371325008,\,60371325009,\,60371325010,\,60371325011$

METHOD BLANK: 2912794

Matrix: Solid

60371325001, 60371325002, 60371325003, 60371325004, 60371325005, 60371325006, 60371325007, Associated Lab Samples:

60371325008, 60371325009, 60371325010, 60371325011

		Blank	Reporting		
Parameter	Units	Result	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					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% 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 SI	PIKE DUPLI	CATE: 2912	796		2912797							
			MS	MSD								
		60371325001	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	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





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

Blank Reporting

ParameterUnitsResultLimitAnalyzedQualifiersPercent Moisture%ND0.5006/07/21 09:30

SAMPLE DUPLICATE: 2912952

60371325001 Dup Max

ParameterUnitsResultResultRPDRPDQualifiersPercent Moisture%NDND20

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REPORT OF LABORATORY ANALYSIS

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Project: MCA 108
Pace Project No.: 60371325

QC Batch: 724744 Analysis Method: EPA 9056
QC Batch 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

Blank Reporting

ParameterUnitsResultLimitAnalyzedQualifiersChloridemg/kgND10006/07/21 20:57

LABORATORY CONTROL SAMPLE: 2913106

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2913110 2913111

MS MSD

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

Silloride 111g/kg 145 300 300 300 302 30 00-120 0 10

SAMPLE DUPLICATE: 2913112

Parameter Units 60371325001 Dup Max Result 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.

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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).

REPORT OF LABORATORY ANALYSIS





QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MCA 108
Pace Project No.: 60371325

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytica Batch
60371325001	NSW-1	EPA 3546	724675	EPA 8015B	724814
60371325002	NSW-2	EPA 3546	724675	EPA 8015B	724814
0371325003	ESW-1	EPA 3546	724675	EPA 8015B	724814
0371325004	SSW-1	EPA 3546	724675	EPA 8015B	724814
0371325005	SSW-2	EPA 3546	724675	EPA 8015B	724814
0371325006	WSW-1	EPA 3546	724675	EPA 8015B	724814
0371325007	FS-1	EPA 3546	724675	EPA 8015B	724814
0371325008	FS-3	EPA 3546	724675	EPA 8015B	724814
0371325009	FS-4	EPA 3546	724675	EPA 8015B	724814
0371325010	FS-5	EPA 3546	724675	EPA 8015B	724814
0371325011	FS-10 (4')	EPA 3546	724675	EPA 8015B	724814
0371325001	NSW-1	EPA 5035A/5030B	724682	EPA 8015B	724956
0371325002	NSW-2	EPA 5035A/5030B	724682	EPA 8015B	724956
0371325003	ESW-1	EPA 5035A/5030B	724682	EPA 8015B	724956
0371325004	SSW-1	EPA 5035A/5030B	724682	EPA 8015B	724956
0371325005	SSW-2	EPA 5035A/5030B	724682	EPA 8015B	724956
0371325006	WSW-1	EPA 5035A/5030B	724682	EPA 8015B	724956
0371325007	FS-1	EPA 5035A/5030B	724682	EPA 8015B	724956
0371325008	FS-3	EPA 5035A/5030B	724682	EPA 8015B	724956
0371325009	FS-4	EPA 5035A/5030B	724682	EPA 8015B	724956
0371325010	FS-5	EPA 5035A/5030B	724682	EPA 8015B	724956
0371325011	FS-10 (4')	EPA 5035A/5030B	724682	EPA 8015B	724956
0371325001	NSW-1	EPA 5035A/5030	724705	EPA 8260B	724748
0371325002	NSW-2	EPA 5035A/5030	724705	EPA 8260B	724748
0371325003	ESW-1	EPA 5035A/5030	724705	EPA 8260B	724748
0371325004	SSW-1	EPA 5035A/5030	724705	EPA 8260B	724748
0371325005	SSW-2	EPA 5035A/5030	724705	EPA 8260B	724748
0371325006	WSW-1	EPA 5035A/5030	724705	EPA 8260B	724748
0371325007	FS-1	EPA 5035A/5030	724705	EPA 8260B	724748
0371325008	FS-3	EPA 5035A/5030	724705	EPA 8260B	724748
0371325009	FS-4	EPA 5035A/5030	724705	EPA 8260B	724748
0371325010	FS-5	EPA 5035A/5030	724705	EPA 8260B	724748
0371325011	FS-10 (4')	EPA 5035A/5030	724705	EPA 8260B	724748
0371325001	NSW-1	ASTM D2974	724707		
0371325002	NSW-2	ASTM D2974	724707		
0371325003	ESW-1	ASTM D2974	724707		
0371325004	SSW-1	ASTM D2974	724707		
0371325005	SSW-2	ASTM D2974	724707		
0371325006	WSW-1	ASTM D2974	724707		
0371325007	FS-1	ASTM D2974	724707		
0371325008	FS-3	ASTM D2974	724707		
0371325009	FS-4	ASTM D2974	724707		
0371325010	FS-5	ASTM D2974	724707		
0371325011	FS-10 (4')	ASTM D2974	724707		
0371325001	NSW-1	EPA 9056	724744	EPA 9056	724949
0371325002	NSW-2	EPA 9056	724744	EPA 9056	724949
60371325003	ESW-1	EPA 9056	724744	EPA 9056	724949

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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
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

Client Name: Tetra I COV, Ir Courier: FedEx V UPS UPS VIA Clay F Tracking #: 8165 8020 0314 Pace	℃. PEX □ e Shipp		CI □ bel Use	Pace □ Xroads □ Client □ Other □ d? Yes □ No □
Custody Seal on Cooler/Box Present: Yes □ No to			: Yes [
Packing Material: Bubble Wrap □ Bubble Bags			oam 🗆	None □ Other ₩ ZQ LC
Thermometer Used: 798 Type of		1	lue No	
Cooler Temperature (°C): As-read \ Corr. Factor				Date and initials of person
Temperature should be above freezing to 6°C	. <u>O</u>		001100	Examining contents. USA (VI)
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	TONO	□n/a	
Rush Turn Around Time requested:	Yes	□No	□n/a	24 m
Sufficient volume:	Yes	□No	□N/A	
Correct containers used:	Yes	□No	□N/A	
Pace containers used:	Doyes	□No	□n/a	
Containers intact:	Toyes	□No	□n/a	
Unpreserved 5035A / TX1005/1006 soils frozen in 48hrs?	□Yes	□No	TONIA	
Filtered volume received for dissolved tests?	□Yes	□No	E N/A	
Sample labels match COC: Date / time / ID / analyses	Yes	□No	□n/a	
Samples contain multiple phases? Matrix: 6	□Yes	10No	□N/A	1
Containers requiring pH preservation in compliance? (HNO₃, H₂SO₄, HCl<2; NaOH>9 Sulfide, NaOH>10 Cyanide) (Exceptions: VOA, Micro, O&G, KS TPH, OK-DRO) LOT#	□Yes	□No	IN/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		XNIA	MACY
Headspace in VOA vials (>6mm): LeaCount	y □Yes	□No	N/A	
Samples from USDA Regulated Area: State: VV	□Yes	ANO-	N/A	521MUL
Additional labels attached to 5035A / TX1005 vials in the field?			N/A	
Client Notification/ Resolution: Copy COC to	Client?	Υ	/ N	Field Data Required? Y / N
Person Contacted: Date/Ti	me:			
Comments/ Resolution:				
Project Manager Review:			Date	2.

Received by OCD 7/12/2021 10:32:13 PM Page 132 of 233 **RPH 8015R** ŏ 72 hr. Circle or Specify Method No. Anion/Cation Balance Page: 1 Seneral Water Chemistry (see attached list) Special Report Limits or TRRP Report 60871325 Sulfate Chloride 300.0 × × × × × × × × X RUSH: Same Day (24 hr. Tracking #: × \times Rush Charges Authorized (Asbestos) NORM CB.2 8082 / 608 (Circle) HAND DELIVERED FEDEX UPS SC/MS Semi. Vol. 8270C/625 Standard 3C/W2 AOI 85808 / 854 REMARKS **ANALYSIS REQUEST** ICLP Semi Volatiles CLP Metals Ag As Ba Cd Cr Pb Se Hg Sample Temperature LAB USE ONLY Total Metals Ag As Ba Cd Cr Pb Se Hg PAH 8270C **ТРН 8015М (GRO - DRO - ОRO - МRO)** × × × × × × × × × THI TX1005 (Ext to C35) × BTEX 8260B BTEX 8021B × × × × × × × × Z Z z FILTERED (Y/N) Z Z, Z Tel Fax (432) 682-2580 901 West Wall Street, Suite 100 Email: sam.abbott@tetratech.com # CONTAINERS PRESERVATIVE Time: Midland, Texas 79701 NON METHOD Phone: (512) 739-7874 × × × × × × × × ICE (432) 682-4559 Date: John Thurston HOO 212C-MD-02175 1OF Sam Abbott MATRIX × × × × × × × × × × TIOS **MATER** 10:05 ORIGINAL COPY 10:00 TIME 9:45 9:20 9:25 9:30 9:35 9:40 9:50 9:55 Sampler Signature: SAMPLING Site Manager: Contact Info: Received by: Received by: YEAR: 2021 6/3/2021 6/3/2021 6/3/2021 6/3/2021 6/3/2021 6/3/2021 6/3/2021 6/3/2021 6/3/2021 6/3/2021 Project #: DATE Accounts Payable 901 West Wall Street, Suite 100 Midland, Texas 79701 Tetra Tech, Inc. Time: Time: Tetra Tech, SAMPLE IDENTIFICATION Date: NSW-2 SSW-2 WSW-1 NSW-1 ESW-1 SSW-1 ea County, New Mexico FS-5 FS-3 FS4 FS-1 Conoco Phillips Pace Analytical MCA 108 COPTETRA Acctnum sceiving Laboratory: ished by the control of the control oject Location telinquished by: elinquished by roject Name: ounty, state) LAB USE LAB# ONLY Comments: voice to:





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

This Word

Project Manager

Enclosures

cc: John Thurston, Tetra Tech-Houston TX







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





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



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

REPORT OF LABORATORY ANALYSIS



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

Sample: WSW-1 (2')	Lab ID: 603		Collected: 06/09/2				latrix: Solid	
Results reported on a "dry weight Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
015B Diesel Range Organics	Analytical Met	nod: EPA 801	5B Preparation Me	ethod: E	=- EPA 3546	•		
	Pace Analytica							
PH-DRO (C10-C28)	ND	mg/kg	9.9	1	06/11/21 10:43	06/14/21 10:33		
PH-ORO (C28-C35) Surrogates	ND	mg/kg	9.9	1	06/11/21 10:43	06/14/21 10:33		
-Tetracosane (S)	89	%	31-152	1		06/14/21 10:33		
-Terphenyl (S)	97	%	46-130	1	06/11/21 10:43	06/14/21 10:33	92-94-4	
Sasoline Range Organics	Analytical Metl Pace Analytica		5B Preparation Me Cansas City	ethod: E	EPA 5035A/5030B			
FPH-GRO Surrogates	ND	mg/kg	9.7	1	06/13/21 15:19	06/13/21 21:41		
l-Bromofluorobenzene (S)	94	%	63-121	1	06/13/21 15:19	06/13/21 21:41	460-00-4	
260 MSV 5035A VOA	Analytical Metl Pace Analytica		0B Preparation Me Cansas City	ethod: E	EPA 5035A/5030			
Benzene	ND	ug/kg	5.0	1	06/15/21 10:06	06/15/21 11:23	71-43-2	
thylbenzene	ND	ug/kg	5.0	1	06/15/21 10:06	06/15/21 11:23	100-41-4	
oluene	ND	ug/kg	5.0	1	06/15/21 10:06	06/15/21 11:23	108-88-3	
ylene (Total) Surrogates	5.1	ug/kg	5.0	1	06/15/21 10:06	06/15/21 11:23	1330-20-7	
oluene-d8 (S)	99	%	80-120	1		06/15/21 11:23		
-Bromofluorobenzene (S)	109	%	80-120	1		06/15/21 11:23		
,2-Dichlorobenzene-d4 (S)	105	%	80-120	1	06/15/21 10:06	06/15/21 11:23	2199-69-1	
ercent Moisture	Analytical Met	hod: ASTM D	2974					
	Pace Analytica	l Services - K	Cansas City					
ercent Moisture	ND	%	0.50	1		06/11/21 10:42		
056 IC Anions	Analytical Met	hod: EPA 905	6 Preparation Met	hod: EF	PA 9056			
	Pace Analytica							
Chloride	ND	mg/kg	102	10	06/14/21 09:07	06/14/21 11:12	16887-00-6	
Sample: FS-9	Lab ID: 603	71900002	Collected: 06/09/2	21 09:2	5 Received: 06	6/11/21 09:05 N	Matrix: Solid	
Results reported on a "dry weight	" basis and are adj	iusted for pe	rcent moisture, sa	mple s	size and any dilu	tions.		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qua
015B Diesel Range Organics	Analytical Metl Pace Analytica		5B Preparation Me (ansas City	ethod: E	EPA 3546			
PH-DRO (C10-C28)	ND	mg/kg	10.0	1	06/11/21 10:43	06/14/21 10:41		
PH-ORO (C28-C35)	ND	mg/kg	10.0	1		06/14/21 10:41		
Surrogates		5 0						
n-Tetracosane (S)	83	%	31-152	1	06/11/21 10:43	06/14/21 10:41	646-31-1	
o-Terphenyl (S)	90	%	46-130	1	06/11/21 10:43	06/14/21 10:41	92-94-4	

REPORT OF LABORATORY ANALYSIS

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

Sample: FS-9	Lab ID: 603	71900002	Collected: 06/09/2	1 09:25	Received: 06	5/11/21 09:05	Matrix: Solid			
Results reported on a "dry weight" b	asis and are adj	usted for p	ercent moisture, sa	mple s	ize and any dilut	tions.				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual		
Gasoline Range Organics	•		15B Preparation Me	thod: E	PA 5035A/5030B					
	Pace Analytica	l Services -	Kansas City							
TPH-GRO	ND	mg/kg	8.9	1	06/13/21 15:19	06/13/21 22:03	3			
Surrogates										
4-Bromofluorobenzene (S)	94	%	63-121	1	06/13/21 15:19	06/13/21 22:03	3 460-00-4			
3260 MSV 5035A VOA	Analytical Meth	nod: EPA 82	60B Preparation Me	thod: E	PA 5035A/5030					
	Pace Analytica	l 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						
4-Bromofluorobenzene (S)	108	%	80-120	1	06/15/21 10:06					
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 Analytica	l Services -	Kansas City							
Percent Moisture	0.65	%	0.50	1		06/11/21 10:43	3			
9056 IC Anions	Analytical Meth	nod: EPA 90	56 Preparation Meth	nod: EP	A 9056					
	Pace Analytica	l 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

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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

Blank Result Reporting Limit

Analyzed

Qualifiers

TPH-GRO 4-Bromofluorobenzene (S)

TPH-GRO

Units mg/kg %

Units

mg/kg

%

ND 112

10.0 06/13/21 19:02 63-121 06/13/21 19:02

LABORATORY CONTROL SAMPLE:

Parameter

Parameter

2915329

Spike Conc.

50

LCS Result

46.4

LCS % Rec % Rec Limits Qualifiers

71-107 63-121 1e

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:

2915330 MS

MSD

MS

2915331

MS

93

161

MSD

% Rec

Max RPD Qual

TPH-GRO

Units

mg/kg

%

ND

Spike

Result

MSD Result

% Rec

% Rec

Limits **RPD**

26

4-Bromofluorobenzene (S)

Parameter

4-Bromofluorobenzene (S)

60371582003 Spike Result Conc.

53.5

Conc.

54.2 47.3

47.5

87 97

96

29-143 63-121

Released to Imaging: 9/16/2022 1:21:13 PM

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Project: 212C-MD-02175

Pace Project No.: 60371900

QC Batch: 726312 Analysis Method: EPA 8260B

QC Batch Method: EPA 5035A/5030 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					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% 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 SP	IKE DUPLIC	CATE: 2918	330		2918331							
			MS	MSD								
	6	0371900002	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	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	

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REPORT OF LABORATORY ANALYSIS

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Project: 212C-MD-02175

Pace Project No.: 60371900

QC Batch: 725772 Analysis Method:
QC Batch Method: EPA 3546 Analysis Description:

Analysis Description: EPA 8015B

Laboratory: Pace Analytical Services - Kansas City

EPA 8015B

Associated Lab Samples: 60371900001, 60371900002

METHOD BLANK: 2916539 Matrix: Solid

Associated Lab Samples: 60371900001, 60371900002

Blank Reporting Parameter Limit Qualifiers Units Result Analyzed 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	

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REPORT OF LABORATORY ANALYSIS

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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 Associated Lab Samples: 6 Matrix: Solid

60371900001, 60371900002

Blank Result Reporting Limit

g

Analyzed

Qualifiers

Percent Moisture

Units %

ND

0.50 06/11/21 10:42

RPD

SAMPLE DUPLICATE: 2916598

Parameter

Parameter

60371900002 Units Result Dup Result

Max RPD

Qualifiers

Percent Moisture

%

0.65

0.75

14

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212C-MD-02175 Project:

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:

Parameter

60371900001, 60371900002

Blank Result

Reporting

Limit

Analyzed

Qualifiers

Chloride

Units mg/kg

ND

100 06/14/21 09:25

LABORATORY CONTROL SAMPLE: 2917556

Parameter

Spike Conc.

LCS Result

LCS % Rec % Rec Limits

Qualifiers

Chloride

Units mg/kg

60371900001

Result

ND

500

459

92 80-120

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:

2917557 MS

Spike

Conc.

MSD Spike

Conc.

758

506

2917558 MS

491

Result

MSD

501

Result

MS % Rec

85

% Rec Limits

Max **RPD** RPD

Qual 2 15

SAMPLE DUPLICATE:

Parameter

Parameter

2917559

60371900002

Dup

RPD

Max

MSD

% Rec

87

15

80-120

Chloride

Chloride

Units

Units

mg/kg

mg/kg

Result

506

Result 756

0

RPD

Qualifiers

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: 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

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

REPORT OF LABORATORY ANALYSIS

Page 12 of 15

Date: 06/15/2021 03:31 PM





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

REPORT OF LABORATORY ANALYSIS

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Date: 06/15/2021 03:31 PM



Sample Condition Upon Receipt



Tetra Tech, mc		60371900
Client Name: Conoco Phillips		
PROPERTY OF THE PROPERTY OF TH	PEX □ ECI □ Pa	ce □ Xroads □ Client □ Other □
	ce Shipping Label Used?	00.
Custody Seal on Cooler/Box Present: Yes No	Seals intact: Yes □	No 🗆
Packing Material: Bubble Wrap □ Bubble Bags	,	None □ Other □ zp/c
Thermometer Used: 1298 Type of	fice: (Wet) Blue None	6/1
Cooler Temperature (°C): As-read 0.3 Corr. Fact	tor O O Corrected	Date and initials of person examining contents:
Temperature should be above freezing to 6°C		
Chain of Custody present:	Yes ONO ON/A	¥.
Chain of Custody relinquished:	Tres ONO ON/A	
Samples arrived within holding time:	Ves □No □N/A	
Short Hold Time analyses (<72hr):	□Yes No □N/A	
Rush Turn Around Time requested:	Mes □No □N/A 2	4 hr.
Sufficient volume:	Yes ONO ON/A	
Correct containers used:	Yes ONO ON/A	
Pace containers used:	□Yes ☑No □N/A	
Containers intact:	Yes ONO ON/A	
Unpreserved 5035A / TX1005/1006 soils frozen in 48hrs?	□Yes □No ZN/A	
Filtered volume received for dissolved tests?	□Yes □No N/A	
Sample labels match COC: Date / time / ID / analyses	Nes No DN/A	no fines on samples
Samples contain multiple phases? Matrix:	□Yes No □N/A	
Containers requiring pH preservation in compliance?	□Yes □No ■N/A List	sample IDs, volumes, lot #'s of preservative and the
(HNO ₃ , H ₂ SO ₄ , HCI<2; NaOH>9 Sulfide, NaOH>10 Cyanide) (Exceptions: VOA, Micro, O&G, KS TPH, OK-DRO) LOT#	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 Le	ea Country
Additional labels attached to 5035A / TX1005 vials in the field?	□Yes □No □N/A	U
Client Notification/ Resolution: Copy COC to	Client? Y / N	Field Data Required? Y / N
Person Contacted: Date/Ti	me:	e
Comments/ Resolution:		+
	399 300 4	
Project Manager Review:	Date:	

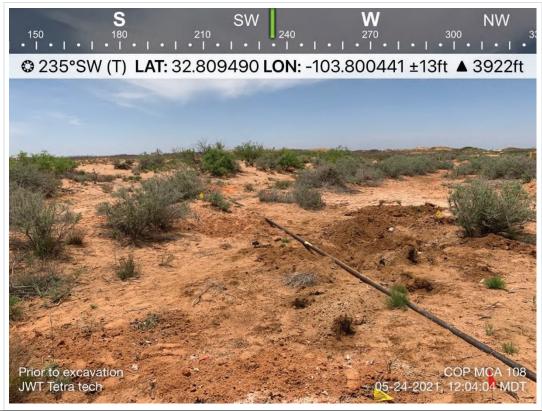
APPENDIX D Photographic Documentation



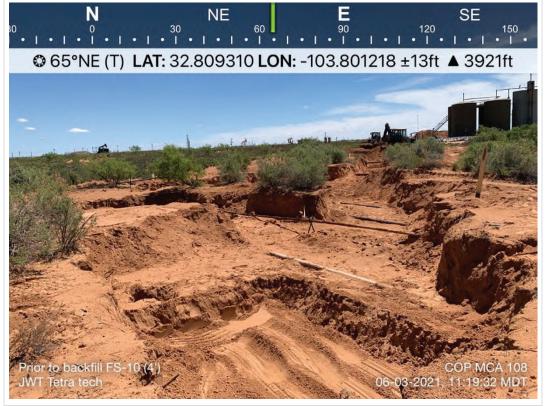
TETRA TECH, INC. PROJECT NO. 212C-MD-02175	DESCRIPTION	View east northeast of the release area and marked buried lines.	1
	SITE NAME	ConocoPhillips MCA 108 Flowline Release	5/24/2021



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



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



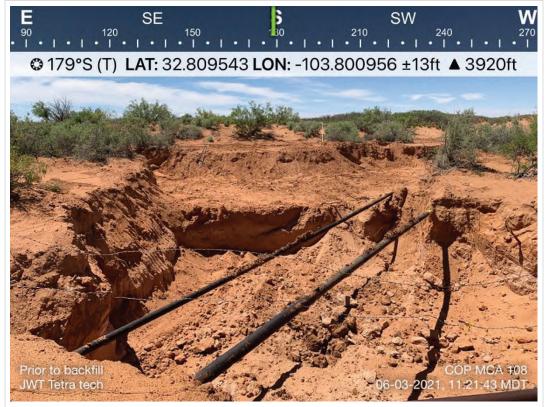
TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View northeast of the excavation at FS-10 (4').	4
212C-MD-02175	SITE NAME	ConocoPhillips MCA 108 Flowline Release	6/3/2021



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



TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View northwest of the excavation prior to backfill.	6
212C-MD-02175	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.	DESCRIPTION	View of the ESW-4 (15') extension area.	8
212C-MD-02175	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.	DESCRIPTION	View east of the release site after backfilling.	10
212C-MD-02175	SITE NAME	ConocoPhillips MCA 108 Flowline Release	6/11/2021

APPENDIX E Waste Manifests

R369	NEW MEXICO NON-HAZARD	OUS OILFIELD WASTE N		Company Man Contact Information
solutions		Name of the last o	Phone	No. alterishment of Management
Operator No.	GENI	Permit/RRC No. Lease/Well	NO.	510813
Operators NameAddress	the second	Name & No. County API No.	THE STATE OF THE S	topic and and and and and and and and and and
City, State, Zip	The second secon	Rig Name & No. AFE/PO No.		CN - Alle 1818
EXEMPT E&	P Waste/Service Identification and Amount	t (place volume next to wa	ste type in barrels or cub	pic vards)
Oil Based Muds	NON-INJECTABLE WATERS		INJECTABLE WATERS	EDIESTONIOSOS DE GWANTS
Oil Based Cuttings Water Based Muds	Washout Water (Non-Injectable) Completion Fluid/Flow back (Non-Injectab	(A)	Washout Water (Injectable	
Water Based Cuttings	Produced Water (Non-Injectable)	nie)	Completion Fluid/Flow back Produced Water (Injectable	
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectal	ble)	Gathering Line Water/Wast	CR AA WATER AS
Tank Bottoms	INTERNAL USE ONLY		OTHER EXEMPT WASTES (ty	pe and generation process of the waste)
E&P Contaminated Soil Gas Plant Waste	Truck Washout (exempt waste)	-tt tol) r <u>edsulmano i</u> sn	gio odine li ite isnog	Initial Completion's Waste
WASTE GENERATION PROCESS:	DRILLING COM	PLETION	PRODUCTION	GATHERING LINES
All non-exempt (NON-EXEMPT E&P Waste/S E&P waste must be analysed and be below the th	ervice Identification and Amou reshold limits for toxicity (TCLI		d Reactivity.
Non-Exempt Other			m Non-Exempt Waste List	
QUANTITY	B - BARRELS	L-LIQUID	Y-YARDS	E - EACH
hereby certify that according to the Resource Co	onservation and Recovery Act (RCRA) and the US	Environmental Protection Age	ncy's July 1988 regulatory de	etermination, the above described waste
oad is (Check the appropriate classification) RCRA EXEMPT: Oil field was	tes generated from oil and gas exploration and pr	roduction operations and are r	not mixed with non-exempt	waste (R360 Accepts certifications on a per
load basis or	nly)			
261.21-261.	te which is non-hazardous that does not exceed t 24, or listed hazardous waste as defined by 40 CFI	R, part 261, subpart D, as ame	ste hazardous by characteris nded. The following docume	tics established in RCRA regulations, 40 CFR ntation demonstrating the waste as non-
hazardous is MSDS Inform	attached. (Check the appropriate items as provide			
WISDS INTO IN	nation RCRA Hazardous Waste /	Analysis	Other (Provide Description E	selow)
	non-hazradous, non-oilfeild waste that has been on and a desciption of the waste must accompany		Public Safety (the order, doc	umentation of non-hazardous waste
(PRINT) AUTHORIZED AGENTS NAME	302	DATE	-	SIGNATURE
and strategy and an extension of	TRANS	SPORTER		India Adaman'ila
ransporter's	L'Andrews	Driver's Name	100 -per	(v minuted reserve something)
lame	A CALARSON A STREET	Driver's Name		I K 1 E I I I I I I I I I I I I I I I I I I
Address		Print Name		Marine Shillia Delene Holen
		Phone No.		and the second s
hone No.		Truck No.		The state of the s
hereby certify that the above named material(s)	was/were picked up at the Generator's site listed	d above and delivered without	incident to the disposal faci	lity listed below.
SHIPMENT DATE	DRIVER'S SIGNATURE	DELIVERY	DATE	DRIVER'S SIGNATURE
TRUCK TIME STAN	AP DISPOSA	L FACILITY	REC	EIVING AREA
N:OUT: _	0.01.00/	LIACILIT	Name/No.	LIVINGAREA
ité Name/	Carrier Company	L		100 100
ermit No. Halfway Facility / NM1-006		Phone No.	575-393-1079	
6601 Hobbs Hwy US 62/180 Mi	le Marker 66 Carlsbad, NM 88220		II MILITAL M	
NORM READINGS TAKEN? (Circle	One) YES NO	If YES, was reading	3 > 50 micro roentgens? (circ	le one) YES NO
PASS THE PAINT FILTER TEST? (Circle	All of the second secon	NO	manust in 15m	THE RESERVE THE PROPERTY OF THE PARTY OF THE
****		OTTOMS		grant and the control of the control
st Gauge Feet	Inches	penu	M/DRIS Docalizad	DE 9 11 / 1/1
nd Gauge	William Black Color	85&V	N/BBLS Received Free Water	BS&W (%)
eceived	The second secon		Total Received	non page on Aman page
		-		
I hereby certify that the above load material h	as been (circle one): ACCEPTED DE	ENIED If denied, why?	-	Simed with the first tool expense.
		Hall		
NAME (PRINT)	DATE	TITLE		SIGNATURE

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company	Man Conta	ct In	ormatio

				2000			
N	1-	ma					

(PLEASE PRINT) Phone No GENERATOR NO. 510814 Permit/RRC No. Operator No. Lease/Well Name & No. Operators Name County Address API No Rig Name & No. City, State, Zip AFE/PO No. Phone No. EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards) INJECTABLE WATERS Oil Based Muds Washout Water (Injectable) Oil Based Cuttings Washout Water (Non-Injectable) Completion Fluid/Flow back (Injectable) Water Based Muds Completion Fluid/Flow back (Non-Injectable) Water Based Cuttings Produced Water (Non-Injectable) Produced Water (Injectable) Gathering Line Water/Waste (Injectable) Gathering Line Water/Waste (Non-Injectable **Produced Formation Solids** Tank Bottoms INTERNAL USE ONLY **E&P** Contaminated Soil Truck Washout (exempt waste) Gas Plant Waste WASTE GENERATION PROCESS PRODUCTION **GATHERING LINES** DRILLING COMPLETION 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) 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 RCRA EXEMPT: load basis only) 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 RCRA NON-EXEMPT: 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 nonhazardous is attached. (Check the appropriate items as provided) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below) Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste **EMERGENCY NON-OILFEILD:** determination and a desciption of the waste must accompany this form) TRANSPORTER Transporter's Driver's Name Name Address Print Name Phone No 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 DISPOSAL FACILITY RECEIVING AREA IN: OUT: Name/No. Site Name/ Phone No. Halfway Facility / NM1-006 Permit No. 575-393-1079 Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220 NORM READINGS TAKEN? (Circle One) NO If YES, was reading > 50 micro roentgens? (circle one) NO PASS THE PAINT FILTER TEST? (Circle One) YES NO 1st Gauge BS&W/BBLS Received BS&W (%) 2nd Gauge Free Water Received **Total Received** I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

DATE

TITLE

SIGNATURE

NAME (PRINT)



CONOCOPHILLIPS Customer: Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #: PO #

Manifest #: 3

Manif. Date: 5/26/2021

Hauler: Driver Truck # MCNABB PARTNERS

ACIE M80

Card# Job Ref#

700-1213621 Ticket #: Bid #: O6UJ9A000HH0 Date:

5/26/2021

Generator: CONOCOPHILLIPS

Generator #:

00783 Well Ser. #: Well Name: MCA UNIT

Well #: 108

Field: Field #:

Rig: County

NON-DRILLING LEA (NM)

Facility: CRI

Draduct / Camilea

Product / Service				فامتلا		Q	uantity Oni	is			
Contaminated Soil (RCRA Exempt)				18.00 yards							
	Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0			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):

R360 Representative Signature

_ MSDS Information	_ RCRA Hazardous	A Company of the Company		_ Other (Providela	escription ab	ove
Driver/ Agent Signatu	re		R360 Representative Si	ignature			

Customer	Approval

THIS IS NOT AN INVOICE!

A	D. Cal
Approved By:	Date:



Facility: CRI

CONOCOPHILLIPS Customer:

Customer #: CRI2190

Ordered by: JOHN THURSTON

FRANKIE

M83

AFE #: PO #:

Manifest #: 4

Manif. Date: 5/26/2021 MCNABB PARTNERS Hauler:

Driver Truck #

Card# Job Ref#

700-1213614 Ticket #: Bid #: O6UJ9A000HH0 Date:

5/26/2021

Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT

Well #: 108

Field: Field #:

NON-DRILLING Rig:

County LEA (NM)

Product / Service **Quantity Units**

Contaminated Soil (RCRA Exempt) 18.00 yards

Cell pH Cond. %Solids TDS PCI/GM MR/HR H₂S % Oil Weight Lab Analysis: 50/51 0.00 0.00 0.00 0.00

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Prof.) description above)

R360 Representative Signature **Driver/ Agent Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Date: Approved By:

t6UJ9A01ITYZ 5/26/2021 2:51:21PM



Facility: CRI

CONOCOPHILLIPS Customer:

Customer #: CRI2190 Ordered by: JOHN THUSTON

5

JOSH

M76

AFE #: PO #:

Manifest #:

Manif. Date: 5/27/2021 MCNABB PARTNERS

Hauler: Driver Truck #

Card # Job Ref# Ticket #: 700-1213811 O6UJ9A000HH0 Bid #: Date:

5/27/2021

Generator: CONOCOPHILLIPS

Generator #:

00783 Well Ser. #: Well Name: MCA UNIT

Well #: 108

Field: Field #:

NON-DRILLING Rig:

H₂S

% Oil

Weight

LEA (NM) County

Product / Service Quantity Units

Contaminated Soil (RCRA Exempt)

18.00 yards PCI/GM MR/HR

%Solids TDS CI Cond. Cell pH 0.00 Lab Analysis: 50/51 0.00 0.00 0.00 0

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

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

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Date: Approved By:

5/27/2021 1:34:46PM t6UJ9A01IUHY



Customer: CONOCOPHILLIPS Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 6

Manif. Date: 5/27/2021

Hauler: MCNABB PARTNERS

Driver JR M78 Truck #

Card# Job Ref#

700-1213809 Ticket #: Bid #: O6UJ9A000HH0

5/27/2021 Date:

CONOCOPHILLIPS

Generator: Generator #:

00783 Well Ser. #: MCA UNIT Well Name:

Well #: 108

Field: Field #:

NON-DRILLING Rig: LEA (NM)

County

Facility: CRI

Product / Service				- 57		Q	uantity Uni	ts			القيسي
Contaminated Soil (RCRA Exempt)				18.00 yards							
	Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0			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):

R360 Representative Signature

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

Customer Approval

Driver/ Agent Signature

THIS	IS	NOT	AN	INVOICE	

Approved By:	Date:	, 1
		4



Customer: CONOCOPHILLIPS

Customer #: CRI2190 Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #:

Manif. Date: 5/27/2021

Hauler: MCNABB PARTNERS

Driver JOE Truck # M80

Card # Job Ref#

Ticket #: Bid #:

700-1213810

Date:

O6UJ9A000HH0 5/27/2021

CONOCOPHILLIPS

Generator: Generator #:

00783 Well Ser. #:

Well Name: Well #:

108

MCA UNIT

H₂S

% Oil

Weight

Field:

Field #: Rig:

NON-DRILLING

County LEA (NM)

Facility: CRI

Product / Service **Quantity Units**

Contaminated Soil (RCRA Exempt)

18.00 yards

Cell pH Cond. %Solids TDS PCI/GM

MR/HR 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:



CONOCOPHILLIPS Customer:

Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #:

Manif. Date: 5/28/2021

Hauler:

MCNABB PARTNERS JR

M78

Truck # Card # Job Ref#

Driver

Ticket #:

700-1213975 O6UJ9A000HH0

Bid #: Date:

5/28/2021

CONOCOPHILLIPS Generator:

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 Lab Analysis: 50/51 0.00

CI Cond. 0.00 0.00 %Solids 0

PCI/GM MR/HR TDS 0.00

H₂S

% Oil

Weight

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): __ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

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IJ	LIVE	 -	enr	-	СΠ		ште	•

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By:

5/28/2021 8:11:19AM

Released to Imaging: 9/16/2022 1:21:13 PM

t6UJ9A01IUV0



CONOCOPHILLIPS Customer:

Customer #: CRI2190

JR

M78

Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #:

9 Manif. Date: 5/28/2021

Hauler:

MCNABB PARTNERS

Driver Truck #

Card # Job Ref#

700-1214005 Ticket #: Bid #: O6UJ9A000HH0

Date: 5/28/2021

CONOCOPHILLIPS Generator:

Generator #:

00783 Well Ser. #: Well Name: MCA UNIT

Well #: 108

Field: Field #:

NON-DRILLING Rig:

County LEA (NM)

Facility: CRI

Product / Service						Q	uantity Uni	ts			1 1
Contaminated Soil (RCRA Exempt)			18.00 yards								
	Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0			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 (Proplet description above)

Driver/ Agent Signature	R360 Representative Signature	11
Customer Approval		

THIS IS NOT AN INVOICE!

Approved By:	Date:
and the first of t	

5/28/2021 9:58:55AM t6UJ9A01IUXW



CONOCOPHILLIPS Customer:

JR.

M78

Customer #: CRI2190 Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 10

Manif. Date: 5/28/2021

Hauler: Driver

MCNABB PARTNERS

Truck #

Card # Job Ref# Ticket #: Bid #:

700-1214027 O6UJ9A000HH0

Date:

5/28/2021

CONOCOPHILLIPS Generator:

Generator #:

00783 Well Ser. #: Well Name: MCA UNIT

Well #:

108 Field:

Field #:

County

Ria:

NON-DRILLING LEA (NM)

H2S

% Oil

Weight

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

18.00 yards

MR/HR TDS PCI/GM %Solids Cell CI Cond. 0.00 Lab Analysis: 50/51 0.00 0.00 0.00 0

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

memaca. The reme			Oil (Describe description above)
MSDS Information	RCRA Hazardous Waste Analysis	Process Knowledge	 Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By:

5/28/2021 11:45:20AM

t6UJ9A01IUZK



Customer: CONOCOPHILLIPS

Customer #: CRI2190
Ordered by: JOHN THURSTON

M75

AFE #: PO #:

Manifest #: 11

Manif. Date: 6/1/2021

Hauler: Driver MCNABB PARTNERS JOSH

Truck #
Card #
Job Ref #

Ticket #:

700-1214670

Bid #:

O6UJ9A000HH0 6/1/2021

Date: 6/1/2021
Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT

Well #: 108

Field: Field #:

Rig:

NON-DRILLING

H₂S

% Oil

Weight

County LEA (NM)

Facility: CRI

Product / Service Quantity Units

Contaminated Soil (RCRA Exempt)

oil (RCRA Exempt) 18.00 yards

 Cell
 pH
 Cl
 Cond.
 %Solids
 TDS
 PCI/GM
 MR/HR

 Lab Analysis:
 50/51
 0.00
 0.00
 0
 2.00

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

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

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By:

Date:

t6UJ9A01IWDP 6/1/2021 8:17:56AM



Facility: CRI

Customer: CONOCOPHILLIPS
Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #:

Manifest #: 12 Manif. Date: 6/1/2021

Hauler: MCNABB PARTNERS
Driver JR

M78

Driver Truck #

Card # Job Ref # Ticket #: 700-1214671 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)

Product / Service Quantity Units

Contaminated Soil (RCRA Exempt) 18.00 yards

PCI/GM MR/HR H₂S % Oil Weight Cell %Solids TDS pH Cond. 0.00 Lab Analysis: 50/51 0.00 0.00 0.00 0

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

R360 Representative Signature

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

Customer Approval

Driver/ Agent Signature

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01IWDV 6/1/2021 8:20:48AM



CONOCOPHILLIPS Customer:

Customer #: CRI2190

Ordered by: JOHN THUSTON

AFE #: PO #:

Manifest #: 13 Manif. Date: 6/1/2021

Hauler: Driver

MCNABB PARTNERS **GUMER**

M32

Truck # Card # Job Ref# Ticket #:

700-1214672 O6UJ9A000HH0

Bid #: Date:

6/1/2021

CONOCOPHILLIPS Generator:

Generator #:

00783 Well Ser. #: MCA UNIT Well Name:

Well #:

108

Field:

Field #:

Rig:

NON-DRILLING

LEA (NM) County

H₂S

Facility: CRI

Quantity Units Product / Service

Contaminated Soil (RCRA Exempt)

16.00 yards

PCI/GM MR/HR %Solids TDS Cond. Cell pH Lab Analysis: 50/51 0.00 0.00 0.00

0.00

% Oil Weight

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:

6/1/2021 8:22:19AM



Facility: CRI

Customer: CONOCOPHILLIPS

Customer #: CRI2190

Ordered by: JOHN THURSTON

M75

AFE #: PO #:

Manifest #: 14 Manif. Date: 6/1/2021

Hauler: MCNABB PARTNERS
Driver JOSH

Truck #
Card #
Job Ref #

Ticket #: Bid #:

700-1214705 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)

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

18.00 yards

10.00 yaras

H2S % Oil Weight

 Cell
 pH
 Cl
 Cond.
 %Solids
 TDS
 PCI/GM
 MR/HR

 Lab Analysis:
 50/51
 0.00
 0.00
 0
 2.00

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste __ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

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

Driver/	Agent	Sign	nature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: Date:

t6UJ9A01IWJR 6/1/2021 11:40:16AM



Facility: CRI

Customer Approval

CONOCOPHILLIPS Customer:

Customer #: CRI2190

AFE #:

Ordered by: JOHN THURSTON

PO #:

Manifest #: 15

Manif. Date: 6/1/2021 MCNABB PARTNERS

Hauler:

Driver JR Truck # M78

Card# Job Ref# Ticket #: Bid #:

700-1214708

O6UJ9A000HH0 6/1/2021

Date:

CONOCOPHILLIPS

Generator: Generator #:

Well Ser. #: 00783 MCA UNIT Well Name:

Well #: 108

Field:

Field #: Rig:

NON-DRILLING

H₂S

% Oil

Weight

LEA (NM) County

Product / Service **Quantity Units**

Contaminated Soil (RCRA Exempt)

18.00 yards

TDS PCI/GM MR/HR pH CI Cond. %Solids Cell Lab Analysis: 50/51 0.00 0.00 0.00 0.00 0

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): __ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

R360 Representative Signature Driver/ Agent Signature

THIS IS NOT AN INVOICE!

Date: Approved By:

t6UJ9A01IWJV 6/1/2021 11:46:52AM



Facility: CRI

Customer: CONOCOPHILLIPS

GUMER

M32

Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 16

Manif. Date: 6/1/2021 Hauler: MCNABB PARTNERS

Driver Truck #

Card # Job Ref # Ticket #: 700-1214709 Bid #: O6UJ9A000HH0

Date: 6/1/2021

Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT

Well #: 108

Field: Field #:

Rig: NON-DRILLING

H₂S

% Oil

Weight

County LEA (NM)

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

16.00 yards

 Cell
 pH
 Cl
 Cond.
 %Solids
 TDS
 PCI/GM
 MR/HR

 Lab Analysis:
 50/51
 0.00
 0.00
 0
 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:

t6UJ9A01IWJY 6/1/2021 11:56:04AM



Customer: CONOCOPHILLIPS

Customer #: CRI2190

Ordered by: JOHN THURSTON AFE #:

M75

PO #:

Manifest #: 17 Manif. Date: 6/1/2021

MCNABB PARTNERS Hauler: Driver JOSH

Truck # Card # Job Ref# Ticket #: 700-1214737 Bid #: O6UJ9A000HH0

Date: 6/1/2021

Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT 108

Well #:

Field: Field #:

Rig: NON-DRILLING

County LEA (NM)

Facility: CRI

Product / Service **Quantity Units** Contaminated Soil (RCRA Exempt) 18.00 yards Cell pH Cond. %Solids TDS PCI/GM MR/HR H₂S % Oil Weight Lab Analysis: 50/51 0.00 0.00 0.00 0.00

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

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

Driver/ Agent Signature	D	riv	er/	Agent	Signature	
-------------------------	---	-----	-----	-------	-----------	--

R360 Representative Signature

Customer Approval

Approved By:

THIS IS NOT AN INVOICE!

	7
Date:	



Customer: CONOCOPHILLIPS

Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 18 Manif. Date: 6/1/2021

Hauler: MCNABB PARTNERS JR

M78

Driver Truck #

Card # Job Ref# Ticket #: 700-1214739 Bid #: O6UJ9A000HH0

6/1/2021 Date:

Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT

Well #: 108

Field: Field #:

NON-DRILLING Rig: LEA (NM)

County

Facility: CRI

Product / Service	MARKET		Q	uantity Uni	ts					
Contaminated Soil (RCRA Exempt)				18 _20:00 yards						
Cell	рН	CI	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis: 50/51	0.00	0.00	0.00	0			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	PCP A Hazardous Waste Analysis	Dunanna Vuovuladas	Other (Descide description	
_ MSDS Information	_ RCRA Hazardous Waste Analysis	Process Knowledge	 Other (Provide description) 	n above)

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



CONOCOPHILLIPS Customer:

Customer #: CRI2190

Ordered by: JOHN THURSTON

GUMER

M32

AFE #: PO #:

19 Manifest #:

Manif. Date: 6/1/2021 MCNABB PARTNERS Hauler:

Driver Truck #

Card # Job Ref#

Ticket #: Bid #:

700-1214740 O6UJ9A000HH0

6/1/2021 Date:

CONOCOPHILLIPS Generator:

Generator #:

00783 Well Ser. #: Well Name: MCA UNIT

Well #: 108

Field: Field #:

NON-DRILLING Rig:

County

LEA (NM)

H₂S

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

16.00 yards

PCI/GM MR/HR TDS CI Cond. %Solids Cell PH

0.00

% Oil Weight

Lab Analysis: 50/51 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	Signa	ture
0114011	, idoing	0.91.0	

R360 Representative Signature

Customer Approval

Approved By:

THIS IS NOT AN INVOICE!

6/1/2021 2:08:21PM



Facility: CRI

Customer: CONOCOPHILLIPS

Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 20 Manif. Date: 6/2/2021

Hauler: MCNABB PARTNERS
Driver JOSH

M75

Driver Truck #

Card # Job Ref # Ticket #: 700-1214883 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)

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:



Customer: CONOCOPHILLIPS

Customer #: CRI2190

Ordered by: JOHN THURSTON

JOSH

M75

AFE #:

Manifest #: 21

Manif. Date: 6/2/2021 Hauler: MCNABB PARTNERS

Driver Truck #

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 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)

_ MSDS information	_ KCKA Hazardous waste Analysis	_ Process Knowledge	_ Other (Ardvide description
			\sim \wedge

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By:	Date:



Facility: CRI

CONOCOPHILLIPS Customer:

Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #: PO #:

22 Manifest #:

Manif. Date: 6/2/2021 MCNABB PARTNERS Hauler:

JOE Driver Truck # M81

Card # Job Ref#

Ticket #: Bid #:

700-1214909 O6UJ9A000HH0

6/2/2021 Date:

CONOCOPHILLIPS Generator:

Generator #:

00783 Well Ser. #: Well Name: MCA UNIT

108 Well #:

Field: Field #:

NON-DRILLING Rig:

LEA (NM) County

Quantity Units Product / Service

18.00 yards Contaminated Soil (RCRA Exempt)

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as

amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

R360 Representative Signature Driver/ Agent Signature

Customer Approval

THIS IS NOT AN INVOICE!

Date: Approved By:



Facility: CRI

CONOCOPHILLIPS Customer:

Customer #: CRI2190

JOE

M81

Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 23 Manif. Date: 6/2/2021

Hauler: MCNABB PARTNERS

Driver Truck #

Card# Job Ref#

700-1214931 Ticket #: Bid #: O6UJ9A000HH0 Date:

6/2/2021

Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT

Well #: 108

Field:

Field #: NON-DRILLING Rig:

LEA (NM) County

Product / Service

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 (Rrayide description above)

Driver/ Agent Signature

R360 Representative Signature

Quantity Units

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: Date:



Customer: CONOCOPHILLIPS

M81

Customer #: CRI2190
Ordered by: JOHN THURSTON

AFE #:

PO #: Manifest #

Manifest #: 24 Manif. Date: 6/2/2021

Hauler: MCNABB PARTNERS
Driver JOE

Driver Truck #

Card # Job Ref # Ticket #: 700-1214949 Bid #: O6UJ9A000HH0

Date: 6/2/2021 Generator: CONOCOPHILLIPS

Generator: Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT

Well #: 108

Field:

Field #: Rig: NON-DRILLING

County LEA (NM)

D 1 1/0 :

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: ____



Facility: CRI

Customer: CONOCOPHILLIPS

Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 25 Manif. Date: 6/2/2021

MCNABB PARTNERS Hauler: **JOSH**

M75

Driver Truck #

Card # Job Ref# Ticket #: 700-1214953 Bid #: O6UJ9A000HH0

Date: 6/2/2021

Generator: CONOCOPHILLIPS

Generator #:

00783 Well Ser. #: Well Name: MCA UNIT

Well #: 108

Field: Field #:

Rig: NON-DRILLING

County LEA (NM)

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)

R360 Representative Signature Driver/ Agent Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: Date:



Customer: CONOCOPHILLIPS

Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 26 Manif. Date: 6/2/2021

Hauler: Driver Truck #

URIEL M82

Card # Job Ref # Ticket #: Bid #: 700-1214968 O6UJ9A000HH0

Date:

6/2/2021

Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT

Well#:

Field: Field #:

Rig: NON-DRILLING

108

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:

MCNABB PARTNERS

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

Approved By:	Date:	
rippioved by.		



Facility: CRI

Customer: CONOCOPHILLIPS

M75

Customer #: CRI2190
Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 27 Manif. Date: 6/3/2021

Hauler: MCNABB PARTNERS
Driver JOASH

Driver Truck #

Card # Job Ref # Ticket #: 700-1215099 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)

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)

R360 Representative Signature

	3.7 STR. 2. S. STR. 3. P. S. S.	 	1 / /	The state of the s
		 /	1//	
		 	- 1/1	

Customer Approval

Driver/ Agent Signature

Approved By:	Date:



Facility: CRI

Customer: CONOCOPHILLIPS

Customer #: CRI2190

Ordered by: JOHN THURSTON

M75

AFE #:

Manifest #: 28 Manif. Date: 6/3/2021

Hauler: MCNABB PARTNERS
Driver JOSH

Driver Truck #

Card # Job Ref # Ticket #: Bid #:

700-1215117 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)

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 (Provider description above)

Driver/ Agent Signature	R360 Representative Signature	111
Customer Approval		

Approved By:	Date:



CONOCOPHILLIPS Customer:

Customer #: CRI2190 Ordered by: JOHN THURSTON

AFE #: PO #:

29 Manifest #: Manif. Date: 6/3/2021

MCNABB PARTNERS Hauler: JOSH

Driver Truck # M75

Card# Job Ref#

700-1215145 Ticket #: O6UJ9A000HH0 Bid #:

6/3/2021 Date:

CONOCOPHILLIPS Generator:

Generator #:

Well Ser. #: 00783 MCA UNIT Well Name: 108

Well #:

Field: Field #:

NON-DRILLING Rig:

County

LEA (NM)

Fa	ci	lity:	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
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U	rıv	er/	Ag	ent	Sigi	nature	,

R360 Representative Signature

Customer Approval

Approved By:	Date:		
, ipp. 0.00 - j.			



Customer: CONOCOPHILLIPS

Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 30 Manif. Date: 6/4/2021

Hauler: MCNABB PARTNERS
Driver JESUS

M33

Driver Truck #

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

Approved Du	—
Approved By:	Date:
	Duto.



Customer: CONOCOPHILLIPS

Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 31

Manif. Date: 6/4/2021 Hauler: MCNABB PARTNERS

JR

M78

Driver Truck #

Card# Job Ref# Ticket #: 700-1215307 Bid #: O6UJ9A000HH0

Date: 6/4/2021

CONOCOPHILLIPS Generator:

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

Approved By:	Date:	
	Date.	_



Contaminated Soil (RCRA Exempt)

Permian Basin

Customer: CONOCOPHILLIPS

Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 32 Manif. Date: 6/4/2021

MCNABB PARTNERS Hauler: DANIEL

M76

Driver Truck #

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 #:

NON-DRILLING Rig:

County LEA (NM)

Facility: CRI

Product / Service

Quantity Units

R360 Representative Signature

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 waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

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

Customer Approval

Driver/ Agent Signature

Approved By:	Date:



Customer: CONOCOPHILLIPS

Customer #: CRI2190

Ordered by: JOHN THURSTON

ACIE

M83

AFE #: PO #:

Manifest #: 33 Manif. Date: 6/4/2021

Hauler:

Driver Truck #

Card # Job Ref # Ticket #: Bid #:

700-1215313 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:

MCNABB PARTNERS

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

Approved By:	Date:



Customer: CONOCOPHILLIPS

Customer #: CRI2190
Ordered by: JOHN THURSTON

JOHN

M75

AFE #: PO #:

Manifest #: 34 Manif. Date: 6/4/2021

Hauler: MCNABB PARTNERS

Driver Truck #

Card # Job Ref # Ticket #: 700-1215317 Bid #: 06UJ9A000F

#: O6UJ9A000HH0 e: 6/4/2021

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

Approved By:	Date:
	Bute:



Customer: CONOCOPHILLIPS
Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #:

Manifest #: 35 Manif. Date: 6/4/2021

Hauler: MCNABB PARTNERS
Driver JR

M78

Driver Truck #

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 waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

MSDS Information

RCRA Hazardous Waste Analysis

Process Knowledge

Other (Provide description above)

R360 Representative Signature

_ KCKA Hazardous Waste Allarysis	_ Frocess Knowledge	_ Other (Provide description above
		_ Other (Provide description above

Customer Approval

Driver/ Agent Signature



Facility: CRI

Customer: CONOCOPHILLIPS

Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 36 Manif. Date: 6/4/2021

MCNABB PARTNERS Hauler: **JESUS**

M33

Driver Truck #

Card # Job Ref#

700-1215330 Ticket #: Bid #: O6UJ9A000HH0

Date: 6/4/2021 Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT

Well #: 108

Field: Field #:

NON-DRILLING Rig:

County LEA (NM)

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:



Facility: CRI

Customer: CONOCOPHILLIPS

Customer #: CRI2190 Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 37 Manif. Date: 6/4/2021

MCNABB PARTNERS Hauler: DANIEL

M76

Driver Truck #

Card# Job Ref#

700-1215332 Ticket #: Bid #: O6UJ9A000HH0 Date:

6/4/2021

Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT

Well #: 108

Field: Field #:

NON-DRILLING Rig:

LEA (NM) County

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 (Province description above)

Driver/ Agent Signature	R360 Representative Signature	1

Customer Approval

Approved By:	Date:



Facility: CRI

Customer: CONOCOPHILLIPS

Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 38 Manif. Date: 6/4/2021

MCNABB PARTNERS Hauler: ACIE

M83

Driver Truck #

Card # Job Ref# Ticket #: 700-1215338 Bid #: O6UJ9A000HH0

Date: 6/4/2021

Generator: CONOCOPHILLIPS

Generator #:

00783 Well Ser. #: Well Name: MCA UNIT

Well #: 108

Field: Field #:

NON-DRILLING Rig:

LEA (NM) County

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:

t6UJ9A01IXS2 6/4/2021 10:24:55AM



Facility: CRI

Customer: CONOCOPHILLIPS
Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 39 Manif. Date: 6/4/2021

Hauler: MCNABB PARTNERS

M78

Driver Truck #

Card # Job Ref # Ticket #: 700-1215362 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)

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	MI
The state of the s		11.
		1

Customer Approval

THIS IS NOT AN INVOICE!

Approved By:	Date:

t6UJ9A01IXU0 6/4/2021 11:45:40AM



Facility: CRI

Customer: CONOCOPHILLIPS

Customer #: CRI2190 Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 40 Manif. Date: 6/4/2021

MCNABB PARTNERS Hauler: **JESUS**

M33

Driver Truck #

Card # Job Ref#

700-1215363 Ticket #: Bid #: O6UJ9A000HH0

Date: 6/4/2021

CONOCOPHILLIPS Generator:

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT 108

Well #:

Field: Field #:

NON-DRILLING Rig:

LEA (NM) County

Product / Service	Quantity Units

16.00 yards Contaminated Soil (RCRA Exempt)

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): iption above)

_ MSDS Information _ RCRA Hazardous	Waste Analysis _ Process Knowledge _ Other (Provide desc
Driver/ Agent Signature	R360 Representative Signature
Customer Approval	

THIS IS NOT AN INVOICE!

Approved By:	Date:
, ipproved - j.	

6/4/2021 11:47:11AM t6UJ9A01IXU1



Facility: CRI

CONOCOPHILLIPS Customer:

Customer #: CRI2190 Ordered by: JOHN THURSTON

M76

AFE #: PO #:

41 Manifest #: Manif. Date: 6/4/2021

MCNABB PARTNERS Hauler: Driver DANIEL

Truck # Card # Job Ref#

700-1215365 Ticket #: Bid #: O6UJ9A000HH0

6/4/2021 Date:

CONOCOPHILLIPS Generator:

Generator #: 00783 Well Ser. #: Well Name: MCA UNIT

Well #: 108

Field: Field #:

NON-DRILLING Rig:

LEA (NM) County

Product / Service Quantity Units 184015 20.00 yards Contaminated Soil (RCRA Exempt)

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 (Cheek the appropriate items):

Customer Approval					1,8
Driver/ Agent Signature		R360 Representative S	ignature	11	
_ MSDS Information _ I	RCRA Hazardous Waste Analysis	_ Process Knowledge	_ Other (Provide	e description abo	ove)

Approved By:	Date:



Customer: CONOCOPHILLIPS

Customer #: CRI2190

Ordered by: JOHN THURSTON

ACIE

M83

AFE #: PO #:

Manifest #: 42 Manif. Date: 6/4/2021

Hauler:

MCNABB PARTNERS

Driver Truck #

Card # Job Ref # Ticket #: Bid #: 700-1215376 O6UJ9A000HH0

Date: 6/4/2021

Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT

Well #:

108

Field:

Field #: Rig:

Rig: NON-DRILLING

County LEA (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

20.00 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 Signatur	e	4
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R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By:	Date:
Approved by.	24.6.

t6UJ9A01IXUY 6/4/2021 12:41:32PM



Facility: CRI

CONOCOPHILLIPS Customer:

Customer #: CRI2190 Ordered by: JOHN THURSTON

AFE #: PO #:

43 Manifest #: Manif. Date: 6/7/2021

Hauler: MCNABB PARTNERS JR

M78

Driver Truck #

Card# Job Ref# Ticket #: 700-1215807 O6UJ9A000HH0 Bid #:

6/7/2021 Date:

CONOCOPHILLIPS Generator:

Generator #:

00783 Well Ser. #: MCA UNIT Well Name:

Well #: 108

Field: Field #:

NON-DRILLING Rig: LEA (NM)

County

Quantity Units Product / Service

18.00 yards Contaminated Soil (RCRA Exempt)

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as

amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): __ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

R360 Representative Signature Driver/ Agent Signature

Customer Approval

THIS IS NOT AN INVOICE!

Date: Approved By:



Customer: CONOCOPHILLIPS

Customer #: CRI2190

Ordered by: JOHN THURSTON

M75

AFE #: PO #:

Manifest #: 44 Manif. Date: 6/7/2021

Hauler: MCNABB PARTNERS
Driver JOSH

Driver Truck #

Card # Job Ref # Ticket #: 700 Bid #: 060

700-1215805 O6UJ9A000HH0

Date: 6/7/2021

Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT

Well #:

Field: Field #:

Rig: NON-DRILLING

108

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

Approved By:	Date:	
ippiored by.		



CONOCOPHILLIPS Customer:

Customer #: CRI2190

Ordered by: JOHN THURSTON

JOSH

M75

AFE #: PO #:

Manifest #: 45 Manif. Date: 6/7/2021

Hauler: MCNABB PARTNERS

Driver Truck #

Card # Job Ref#

700-1215838 Ticket #: Bid #: O6UJ9A000HH0

Date: 6/7/2021

CONOCOPHILLIPS Generator:

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT 108

Well #:

Field: Field #:

NON-DRILLING Rig:

LEA (NM) County

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)
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Jrive	er/ A	gent	Sign	ature

R360 Representative Signature

Customer Approval

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(V	
'		

Approved By:

Date:



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 #: Bid #:

700-1215844 O6UJ9A000HH0

Date: 6/7/2021

Generator: CONOCOPHILLIPS Generator #:

00783 Well Ser. #: Well Name: MCA UNIT

Well #: 108

Field: Field #:

NON-DRILLING Rig:

County

LEA (NM)

Product / Service

Facility: CRI

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 Analysi	s _ Process Knowledge	 Other (Provide description above

JIIV	er/	Ag	ent	Sig	natur	е

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By	

Date:



Facility: CRI

Customer Approval

CONOCOPHILLIPS Customer: Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #: PO #

Manifest #: 47 Manif. Date: 6/7/2021

Hauler: MCNABB PARTNERS JOSH

M75

Driver Truck #

Card# Job Ref#

Ticket #: 700-1215921 Bid #: O6UJ9A000HH0

6/7/2021

Date: Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT

Well #: 108

Field: Field #:

NON-DRILLING Rig:

LEA (NM) County

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**

THIS IS NOT AN INVOICE!

Approved By: Date:



Facility: CRI

CONOCOPHILLIPS Customer:

Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #: PO #:

> Manifest #: 48 Manif. Date: 6/7/2021

MCNABB PARTNERS Hauler:

Driver JR M78 Truck #

Card# Job Ref#

700-1215924 Ticket #: O6UJ9A000HH0 Bid #:

Date: 6/7/2021

CONOCOPHILLIPS Generator:

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT 108

Well #:

Field: Field #:

NON-DRILLING Rig:

LEA (NM) County

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

18.00 yards

Generator Certification Statement of Waste Sta	enerator	or Certificatio	n Statement	t of Waste	Statu
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I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

MSDS Information	_ RCRA Hazardous Waste	Analysis _ Process Knowledge	 Other (Provide description above)
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Driver	Agent	Signa	ture
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R360 Representative Signature

Customer Approval

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Approved By:	Date:
Approved by.	Date.

t6UJ9A01IYZI 6/7/2021 11:58:39AM



Facility: CRI

CONOCOPHILLIPS Customer:

Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 49

Manif. Date: 6/7/2021 Hauler: MCNABB PARTNERS

JOSH

M75

Driver Truck #

Card # Job Ref#

700-1215947 Ticket #: Bid #: O6UJ9A000HH0 Date:

6/7/2021

Generator: CONOCOPHILLIPS

Generator #:

00783 Well Ser. #: Well Name: MCA UNIT

Well #: 108

Field: Field #:

Rig: NON-DRILLING

County LEA (NM)

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): MCDC Information

	-	Wi3D3 Information	_ KCKA Hazardous waste Analysis	_ Process Knowledge	_ Other (Provide	description above
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Driver/ Agent Signature	R360 Representative Signature

Customer Approval

Approved By:	Date:



Facility: CRI

Customer: CONOCOPHILLIPS

Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 50 Manif. Date: 6/7/2021

Hauler: MCNABB PARTNERS

Driver JR Truck # M78

Card # Job Ref # Ticket #. 700-1215948
Bid #: 06UJ9A000HH0

Date: 6/7/2021

Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT Well #: 108

Field:

Field #: Rig: NON-DRILLING

County LEA (NM)

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 Anal	ysis _ Process Kilowiedge _ Out	CI A	YV	Scriptio	11 44
Driver/ Agent Signature	R360 Representative Signatu	re		100	
		\	-	_	

Customer Approval

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Approved By:	 Date:	
Approved by		

t6UJ9A01IZ0X 6/7/2021 2:05:58PM



Facility: CRI

Customer: CONOCOPHILLIPS
Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #:

Manifest #: 51 Manif. Date: 6/8/2021

Hauler: MCNABB PARTNERS
Driver JOSH

M75

Driver Truck #

Card # Job Ref # Ticket #: 700-1216078 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)

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):

R360 Representative Signature

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

Customer Approval

Driver/ Agent Signature

THIS IS NOT AN INVOICE

Approved By: _____ Date: _____



Customer: CONOCOPHILLIPS Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 52 Manif. Date: 6/8/2021

Hauler: MCNABB PARTNERS **GUMER**

M32

Driver Truck #

Card # Job Ref#

700-1216079 Ticket #: Bid #: O6UJ9A000HH0

Date: 6/8/2021

Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT

Well #: 108

Field: Field #:

Rig: NON-DRILLING

LEA (NM) County

Product / Service

Facility: CRI

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 Wa	iste Analysis _	Process Knowledge	_ Other	(Provide description above	ve

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

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Approved By:

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Facility: CRI

Customer: CONOCOPHILLIPS Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #: PO #

Manifest #: 53 Manif. Date: 6/8/2021

Hauler: MCNABB PARTNERS JOSH

M75

Driver Truck #

Card# Job Ref#

700-1216096 Ticket #: Bid #: O6UJ9A000HH0 Date:

6/8/2021

Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT

Well #: 108

Field: Field #:

NON-DRILLING Rig:

County LEA (NM)

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):

R360 Representative Signature

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

Customer Approval

Driver/ Agent Signature

		V.
Approved By:	Date:	٧



Customer: CONOCOPHILLIPS

Customer #: CRI2190 Ordered by: JUNTHURSTON

AFE #: PO #:

Manifest #: 54 Manif. Date: 6/8/2021

MCNABB PARTNERS Hauler: **GUMER**

M32

Driver Truck #

Card # Job Ref#

700-1216097 Ticket #: Bid #: O6UJ9A000HH0

Date: 6/8/2021

CONOCOPHILLIPS Generator:

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT

Well #: 108

Field: Field #:

NON-DRILLING Rig:

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)

Deisson	Amant	Cianal	
Dilveil	Agent	Signa	lure

R360 Representative Signature

Customer Approval

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Approved By:

Date:

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Customer: CONOCOPHILLIPS

Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 55 Manif. Date: 6/8/2021

Hauler: MCNABB PARTNERS JOSH

M75

Driver Truck #

Card # Job Ref#

700-1216131 Ticket #: Bid #: O6UJ9A000HH0

6/8/2021 Date:

CONOCOPHILLIPS Generator:

Generator #:

00783 Well Ser. #: Well Name: MCA UNIT

Well #: 108

Field: Field #:

NON-DRILLING Rig:

LEA (NM) County

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
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R360 Representative Signature

Customer Approval

Driver/ Agent Signature



Approved By:	Date:	
		_



Facility: CRI

CONOCOPHILLIPS Customer: Customer #: CRI2190

Ordered by: JOHN THURSTON

M32

AFE #: PO #:

Manifest #: 56 Manif. Date: 6/8/2021

Hauler: MCNABB PARTNERS **GUMER** Driver

Truck #

Card# Job Ref# Ticket #: 700-1216133 O6UJ9A000HH0 Bid #:

Date: 6/8/2021

Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT

Well #: 108

Field:

Field #: NON-DRILLING Rig:

County LEA (NM)

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)

Customer Approval

Approved By:

Driver/ Agent Signature

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		4
	Date:	

R360 Representative Signature



Facility: CRI

Customer: CONOCOPHILLIPS
Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #:

Manifest #: 57 Manif. Date: 6/8/2021

Hauler: MCNABB PARTNERS
Driver JOSH

M75

Driver Truck #

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)

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

Customer Approval

R360 Representative Signature

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Approved By: Date:



Facility: CRI

Product / Service

Customer: CONOCOPHILLIPS

Customer #: CRI2190 Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 58 Manif. Date: 6/8/2021

Hauler: MCNABB PARTNERS **GUMER**

M32

Driver Truck #

Card# Job Ref#

700-1216161 Ticket #: Bid #: O6UJ9A000HH0

Date: 6/8/2021

Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT

Well #: 108

Field: Field #:

NON-DRILLING Rig:

County

LEA (NM)

Contaminated Soil (RCRA Exempt)

Quantity Units 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)
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Fire in Agent Olynature	Driv	er/	Agent	Signature
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R360 Representative Signature

Customer Approval

Approved By:	Date:	4



Facility: CRI

Driver/ Agent Signature

Customer Approval

Customer: CONOCOPHILLIPS Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 59 Manif. Date: 6/9/2021

MCNABB PARTNERS Hauler: **GUMER**

M32

Driver Truck #

Card # Job Ref#

Ticket #: 700-1216297 Bid #: O6UJ9A000HH0

Date: 6/9/2021

Generator: CONOCOPHILLIPS

Generator #:

00783 Well Ser. #: MCA UNIT Well Name:

Well #: 108

Field: Field #:

NON-DRILLING Rig:

LEA (NM) County

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):

R360 Representative Signature

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

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Approved By: Date:



CONOCOPHILLIPS Customer:

Customer #: CRI2190 Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 60 Manif. Date: 6/9/2021

MCNABB PARTNERS Hauler: **GUMER**

M32

Driver Truck #

Card # Job Ref#

700-1216323 Ticket #: Bid #: O6UJ9A000HH0

Date: 6/9/2021

Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT

Well #: 108

Field: Field #:

Rig: NON-DRILLING

LEA (NM) County

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

		V
Approved By:	Date:	



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 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):

R360 Representative Signature

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

		-	/	

Customer Approval

Driver/ Agent Signature

Approved By:	Date:	4	
The state of the s			_



CONOCOPHILLIPS Customer:

Customer #: CRI2190

Ordered by: JOHN THURSTON

GUMER

M32

AFE #: PO #:

Manifest #: 62 Manif. Date: 6/9/2021

Hauler: Driver

Truck # Card # Job Ref#

700-1216385 Ticket #: Bid #: O6UJ9A000HH0

6/9/2021 Date:

Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT

Well #: 108

Field: Field #:

NON-DRILLING Rig:

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:

MCNABB PARTNERS

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:	

6/9/2021 2:01:53PM t6UJ9A01IZXL



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)

Draduat / Camilas

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):

R360 Representative Signature

_ MSDS Information	_ RCRA Hazardous Waste Analysis	_ Process Knowledge	_ Other (Pro	ovide description above

Customer Approval

Driver/ Agent Signature

THIS IS NOT AN INVOICE!

Approved By: _____ Date: ____



Customer: CONOCOPHILLIPS

Customer #: CRI2190 Ordered by: JOHN THURSTON

JOE

M31

AFE #: PO #:

Manifest #: 64

Manif. Date: 6/10/2021 MCNABB PARTNERS Hauler:

Driver Truck #

Card # Job Ref# Ticket #: 700-1216563 Bid #: O6UJ9A000HH0 Date:

6/10/2021

CONOCOPHILLIPS Generator:

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT

Well #: 108

Field: Field #:

NON-DRILLING Rig:

LEA (NM) County

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:

6/10/2021 9:08:00AM

t6UJ9A01J0C9



Facility: CRI

Customer: CONOCOPHILLIPS
Customer #: CRI2190

Ordered by: JOHN THURSTON

TONY

M02

AFE #: PO #:

Manifest #: 65

Manif. Date: 6/10/2021 Hauler: MCNABB PARTNERS

Driver Truck #

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)

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 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):

R360 Representative Signature

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

Customer Approval

Driver/ Agent Signature

THIS IS NOT AN INVOICE!

Approved By: ______ Date: _____



CONOCOPHILLIPS Customer: Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 66

Manif. Date: 6/10/2021

Hauler: MCNABB PARTNERS

JOE Driver M31 Truck #

Card# Job Ref#

700-1216578 Ticket #: O6UJ9A000HH0 Bid #: Date:

6/10/2021

CONOCOPHILLIPS Generator:

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT

Well #: 108

Field: Field #:

NON-DRILLING Rig:

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 S	ignature
-----------------	----------

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Date: Approved By:

6/10/2021 11:17:22AM t6UJ9A01J0EI



Facility: CRI

CONOCOPHILLIPS Customer: Customer #: CRI2190

Ordered by: JOHN THURSTON

GUMER

M32

AFE #: PO #:

> Manifest #: 67

Manif. Date: 6/10/2021 Hauler: MCNABB PARTNERS

Driver Truck #

Card # Job Ref#

700-1216576 Ticket #: Bid #: O6UJ9A000HH0 Date:

6/10/2021

CONOCOPHILLIPS Generator:

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT

Well #: 108

Field: Field #:

NON-DRILLING Rig:

County LEA (NM)

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:



Customer: CONOCOPHILLIPS
Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 68

Manif. Date: 6/10/2021 Hauler: MCNABB PARTNERS

Driver Truck #

TONY M02

Card # Job Ref # Ticket #: 700-1216577 Bid #: O6UJ9A000HH0 Date: 6/10/2021

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 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)

n	rivo	r/ A	mont	Signs	turo

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By:

Date:



Facility: CRI

Customer: CONOCOPHILLIPS

Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 69 Manif. Date: 6/10/2021

Hauler: MCNABB PARTNERS **JESSE**

M82

Driver Truck #

Card # Job Ref# Ticket #: 700-1216608 Bid #: O6UJ9A000HH0 Date:

6/10/2021

CONOCOPHILLIPS Generator:

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT

Well #: 108

Field: Field #:

NON-DRILLING Rig:

LEA (NM) County

Quantity Units Product / Service

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)

R360 Representative Signature **Driver/ Agent Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Date: Approved By:

6/10/2021 1:09:37PM



Facility: CRI

Customer: CONOCOPHILLIPS

Customer #: CRI2190
Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 70

Manif. Date: 6/10/2021

Hauler: MCNABB PARTNERS
Driver GUMER

M32

Driver Truck #

Card # Job Ref # Ticket #: 700-1216610
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)

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):

R360 Representative Signature

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

Customer Approval

Driver/ Agent Signature

THIS IS NOT AN INVOICE!

		X
Approved By:	Date:	7

t6UJ9A01J0GM 6/10/2021 1:15:13PM



Customer: CONOCOPHILLIPS Customer #: CRI2190

Ordered by: JOHN THURSTON

M02

AFE #: PO #:

> Manifest #: 71

Manif. Date: 6/10/2021 Hauler:

Driver

MCNABB PARTNERS TONY

Truck #

Card # Job Ref# Ticket #: 700-1216611 Bid #: O6UJ9A000HH0 Date: 6/10/2021

Generator: CONOCOPHILLIPS

Generator #:

00783 Well Ser. #: Well Name: MCA UNIT

Well #: 108

Field: Field #:

Rig: NON-DRILLING

County LEA (NM)

Product / Service

Facility: CRI

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 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 de	escription above
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R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By:			

Date:



Facility: CRI

Driver/ Agent Signature

Customer Approval

Customer: CONOCOPHILLIPS
Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 72

Manif. Date: 6/10/2021

Hauler: MCNABB PARTNERS
Driver JOE

Driver JOE Truck # M31

Card # Job Ref # Ticket #: 700-1216614 Bid #: O6UJ9A000HH0 Date: 6/10/2021

Generator: 6/10/2021

Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT

Well #: 108

Field: Field #:

Rig: NON-DRILLING

County LEA (NM)

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)

R360 Representative Signature

THIS IS NOT AN INVOICE!

Approved By: Date:

t6UJ9A01J0GR 6/10/2021 1:24:26PM



Facility: CRI

Customer: CONOCOPHILLIPS

Customer #: CRI2190

Ordered by: JOHN THURSTON

URIEL

M80

AFE #: PO #:

Manifest #: 73

Manif. Date: 6/10/2021 Hauler: MCNABB PARTNERS

Driver Truck #

Card # Job Ref#

Ticket #: 700-1216638 Bid #: O6UJ9A000HH0 Date:

6/10/2021

CONOCOPHILLIPS Generator:

Generator #:

00783 Well Ser. #: Well Name: MCA UNIT

Well #: 108

Field: Field #:

NON-DRILLING Rig:

LEA (NM) County

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!

Date: Approved By:

t6UJ9A01J0HS 6/10/2021 2:04:41PM



Customer: CONOCOPHILLIPS

Customer #: CRI2190
Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 74

Manif. Date: 6/10/2021 Hauler: MCNABB

Driver Truck # MCNABB PARTNERS GUMER

M32

Card # Job Ref # Ticket #: Bid #:

700-1216666

Date:

O6UJ9A000HH0 6/10/2021

Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT

Well #: 108

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 a	٥

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved	By:		
	A ST. Comments		

Date:

t6UJ9A01J0JA



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 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: ____

t6UJ9A01J0JF 6/10/2021 3:49:09PM



Facility: CRI

Customer: CONOCOPHILLIPS

Customer #: CRI2190 Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 76 Manif. Date: 6/11/2021

MCNABB PARTNERS Hauler: JOE

M31

Driver Truck #

Card # Job Ref# Ticket #: 700-1216784 Bid #: O6UJ9A000HH0 Date:

6/11/2021

CONOCOPHILLIPS Generator:

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT

Well #: 108

Field: Field #:

NON-DRILLING Ria:

LEA (NM) County

Product / Service	Quantity Units	
	40.00	

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)

Customér Approval

Driver/ Agent Signature

THIS IS NOT AN INVOICE!

R360 Representative Signature

Approved By:

t6UJ9A01J0TU 6/11/2021 8:56:48AM



Facility: CRI

Customer: CONOCOPHILLIPS

Customer #: CRI2190

Ordered by: JOHN THURSTON

AFE #: PO #:

Manifest #: 77

Manif. Date: 6/11/2021 Hauler: MCNABB PARTNERS

Hauler: MCN Driver JOE

Driver JOE Truck # M31

Card # Job Ref # Ticket #: 700-1216816 Bid #: 06UJ9A000HH0

Date: 6/11/2021

Generator: CONOCOPHILLIPS

Generator #:

Well Ser. #: 00783 Well Name: MCA UNIT

Well #: 108

Field: Field #:

Rig: NON-DRILLING

County LEA (NM)

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: _____

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

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

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

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

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

CONDITIONS

Action 36113

CONDITIONS

	0.000
Operator:	OGRID:
CONOCOPHILLIPS COMPANY	217817
600 W. Illinois Avenue	Action Number:
Midland, TX 79701	36113
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created Bv		Condition Date
bhall	None	9/16/2022