SITE INFORMATION

Report Type: Closure Request 1RP-3280

General Site Information:						
Site:	**Elvis Tank Battery Release**					
Company:	**ConocoPhillips**					
Section, Township and Range	**Unit Letters F**	**Sec. 20**	**T 17S**	**R 32E**		
Lease Number:	**API No. 30-025-33584**					
County:	**Lea**					
Release GPS:	**32.82216°**			**-103.79091°**		
Surface Owner:	Federal					
Mineral Owner:						
Directions:	From Maljamar, NM (Hwy 82/Maljamar Rd): Head south on Maljamar Rd. for 2.74 miles. Turn right on Conoco Rd. Head west for 1.62 miles. Turn right onto dirt road. Head north for 0.37 miles. Arrive at location.					

Release Data:	
Date Released:	5/17/2013
Type Release:	Oil & Produced Water
Source of Contamination:	Tank Overflow
Fluid Released:	4 bbls of oil, 473 bbls of produced water
Fluids Recovered:	2 bbls of oil, 398 bbls of produced water

Official Communication:			
Name:	Marvin Soriwei		Christian M. Llull, P.G.
Company:	ConocoPhillips		Tetra Tech
Address:	935 N. Eldridge Pkwy.		8911 North Capital of Texas Hwy.
			Building 2, Suite 2310
City:	Houston, TX 77079		Austin, Texas 78759
Phone number:	1-832-486-2730		(512) 338-2861
Fax:			
Email:	marvin.soriwei@conocophillips.com		christian.llull@tetratech.com

Site Characterization	
Depth to Groundwater:	*85' below surface*
Impact to groundwater or surface water:	*No*
Extents within 300 feet of a watercourse:	*No*
Extents within 200 feet of lakebed, sinkhole, or playa lake:	*No*
Extents within 300 feet of an occupied structure:	*No*
Extents within 500 horizontal feet of a private water well:	*No*
Extents within 1000 feet of any water well or spring:	*No*
Extents within incorporated municipal well field:	*No*
Extents within 300 feet of a wetland:	*No*
Extents overlying a subsurface mine:	*No*
Karst Potential:	*Low*
Extents within a 100-year floodplain:	*No*
Impact to areas not on a production site:	*No*

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

TETRA TECH

January 5, 2021

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

Subject: **Closure Request**
ConocoPhillips
Elvis Tank Battery Release
Unit Letter F, Section 20, Township 17 South, Range 32 East
Lea County, New Mexico
1RP-3280
Incident ID# NTO1424038926

Sir or Madam:

On behalf of ConocoPhillips Company (COP), Tetra Tech, Inc. (Tetra Tech) submits the following Closure Request for review. The Elvis Tank Battery is located approximately 2.8 miles southwest of Maljamar in Lea County, New Mexico (Site). The site is located at coordinates are 32.82216°, -103.79091° in Unit Letter F, Section 20, Township 17 South, Range 32 East. The site location is shown in Figures 1 and 2.

BACKGROUND

According to the State of New Mexico C-141 Initial Report, on May 17, 2013, a release occurred at the Elvis Tank Battery. The release was due to the overflow of produced water tanks as resulted in 4 barrels (bbls) of oil and 473 bbls of produced water released onto the battery location, caliche road and adjacent pasture. Vacuum trucks recovered approximately 2 bbls of oil and 398 bbls of produced water. New Mexico Oil Conservation Division (NMOCD) was notified of the release on May 17, 2013. NMOCD received the initial C-141 on August 26, 2013 and it is associated with 1RP-3280. The NMOCD Incident ID for this release is NTO1424038926. The initial C-141 Form is included in Appendix A.

SITE CHARACTERIZATION

A site characterization was performed and no watercourses, sinkholes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, springs, playa lakes, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the distances specified in 19.15.0029 New Mexico Administrative Code (NMAC). The Site is in an area of low karst potential.

According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there are no water wells within ½ mile (800 meters) of the Site. The nearest wells are approximately 2,000 to 2,300 meters away with average depth to groundwater at 85 feet below ground surface (bgs). The site characterization data is included in Appendix B.

REGULATORY FRAMEWORK

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

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Based on the site characterization, the RRALs for the Site are as follows:

Constituent	RRAL
Chloride	10,000 mg/kg
TPH	2,500 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

SITE ASSESSMENT AND REMEDIATION WORK PLAN SUMMARY

Based on Tetra Tech internal documentation, at the request of COP, Tetra Tech personnel conducted a soil assessment of the release area in August 2013. This document is not found on the NMOCD online imaging database. Based on the results of the soil assessment and in accordance with NMOCD Guidelines for Remediation of Leaks, Spills and Releases, dated August 13, 1993, Tetra Tech drafted a remediation work plan. The Work Plan details site assessment activities conducted at the Site. The Tetra Tech Remediation Work Plan is included as Appendix C. The following is a summary of the site assessment activities.

On August 14, 2013, Tetra Tech personnel installed eleven (11) auger holes (AH-1 through AH-11) within the release footprint to assess the vertical extent of impacted soil. AH-1 through AH-3 were installed on the lease adjacent to the tank battery. AH-4 through AH-6 were installed within the lined tank battery firewall. AH-7 through AH-11 were installed in the western-adjacent pasture area (Figures 3A and 3B, Appendix C). Selected samples were sent to Pace Analytical to be analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B and chloride by EPA method 300.0. A copy of the laboratory analytical report and chain-of-custody documentation are included in Appendix C of the Work Plan included as Appendix C. The laboratory analytical results are summarized in Table 1 of Attachment C.

According to information provided in the Work Plan, Geoffrey Leking of the NMOCD, Steve Tischer and Debrah Gann of COP and Tom Elliot of Tetra Tech met to walk the site and discuss the release. It was agreed on that further delineation of the pasture was required and that soils with a chloride concentration of greater than 1,000 mg/kg would be removed as part of the remediation. The Work Plan proposed the excavation of the areas around AH-1, AH-2 and AH-9 to a depth of 1-foot bgs. The areas within the lined tank battery (AH-4, AH-5 and AH-6) were to be excavated to the top of the liner material. Areas within the release extent in the vicinity of AH-7 and AH-8 were to be excavated to 5 feet bgs and 4 feet bgs, respectively. Additionally, the Work Plan proposed trenches be installed to confirm and define the extent of subsurface chloride impact. Following the removal and proper disposal of impacted material, the excavated area was to be backfilled with clean soil to grade.

REMEDIATION ACTIVITIES SUMMARY

The NMOCD online imaging database contains documentation on this release consisting of the initial C-141 received by NMOCD, and a Site Closure Plan Report, dated August 21, 2014. Based on information provided in the Site Closure Plan, submitted to the NMOCD by Diamondback Disposal Services, Inc. (Diamondback), the above-mentioned Work Plan was approved by the NMOCD. No record of Work Plan approval was found in the NMOCD online imaging database. The Site Closure Plan Report detailing remedial activities performed by Diamondback is included as Attachment D.

According to the Site Closure Plan Report, Diamondback was contacted April 7, 2014 by Mr. Justin Wright, COP, to perform the remediation activities at the release site. Per the report, Diamondback began remediation of the release area on April 14, 2014.

In general accordance with the Tetra Tech Work Plan and as described in the Site Closure Plan Report, Diamondback excavated approximately 1,284 cubic yards of impacted soils from the release footprint as

defined in figures from the Work Plan. Impacted soils were transported to an NMOCD-approved facility (R360) for proper disposal.

As written in the report, following an approval by NMOCD's Dr. Tomas Oberding, a high-density polyethylene (HDPE) liner cap was installed at the base of the extended battery area (Section 4 excavation) and backfilled with clean fill. The battery floor was brought to grade and berms were reconstructed.

On August 18, 2014, Diamondback personnel collected composite confirmation soil samples from the sidewalls and floors of the excavated areas (Sections 1 through 4), shown on the Closure Report figure, included in Appendix D. The existing Closure Report Figure 4 was modified from the original Tetra Tech figure included in the Work Plan. These soil samples were submitted to Cardinal Laboratory in Hobbs to be analyzed for TPH (EPA Method 8015M), BTEX (EPA Method 8021B) and chloride (SM4500Cl-B). All confirmation sample results associated with the confirmation sampling were below the stipulated 1,000 mg/kg for chloride and the BTEX and TPH RRALs cited in the Work Plan, except for the analytical results associated with sample SEC 4 FLOOR for chloride. Sample SEC 4 FLOOR was collected from the area of the extended battery. Table 1 summarizes the analytical results of the August 2014 confirmation sampling event.

As part of the submitted Closure Report, Diamondback proposed the backfilling of the excavated areas with clean granular soil, and contouring, crowning and seeding the area to promote vegetation growth. There is no further correspondence in the imaging database regarding the approval of the submitted Diamondback Closure Report.

Based on the review of post-2014 satellite imagery of the release area, it appears that the excavated areas were backfilled with clean soil. Satellite imagery from February 2017 indicates that the battery footprint was extended as described in the Site Closure Plan Report. The present-day battery berm exists in this described condition. Additionally, vegetation growth within the pasture portion of the release area appears to have returned to pre-release conditions.

VISUAL SITE INSPECTION AND FIELD SOIL SCREENING

At the request of COP, on September 10, 2020 Tetra Tech personnel conducted a visual Site Inspection at the former release area to evaluate current conditions at the Site. The formerly impacted area was identified from the description in the C-141 and the figures from the Work Plan and Closure Report. Photographic documentation from the visual assessment (with stamped GPS coordinates) is included within Attachment D. A list of field observations describing the Site follow:

- No evidence of staining was noted in the pasture areas west of the battery.

Additionally, Tetra Tech conducted field soil screening for salinity to confirm the efficacy of remedial activities performed by Diamondback. Soils from four (4) locations within the former release footprint in the pasture were screened for using a salinity meter at a depth interval of 0 to 1-foot bgs. The field screening resulted in salinity concentrations ranging from 86 ppm to 103 ppm, which would indicate surface soil concentrations are below the current RRAL of 600 mg/kg for chloride in off-pad areas. The field soil screening results are summarized in Table 2. The soil screening sample locations are shown in Figure 4.

CONCLUSION

Based on available assessment data, reported remediation work performed at the Site, confirmation sampling results, soil screening data and recent visual inspection at the formerly impacted surface area, ConocoPhillips requests closure for this release. The final C-141 form is enclosed in Attachment A.

Should you have any questions or comments regarding this report, please do not hesitate to contact me by telephone at 512-338-2861 or Greg at 432-687-8134.

Sincerely,

Christian M. Llull, P.G.
Project Manager

Greg Pope, P.G.
Program Manager

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

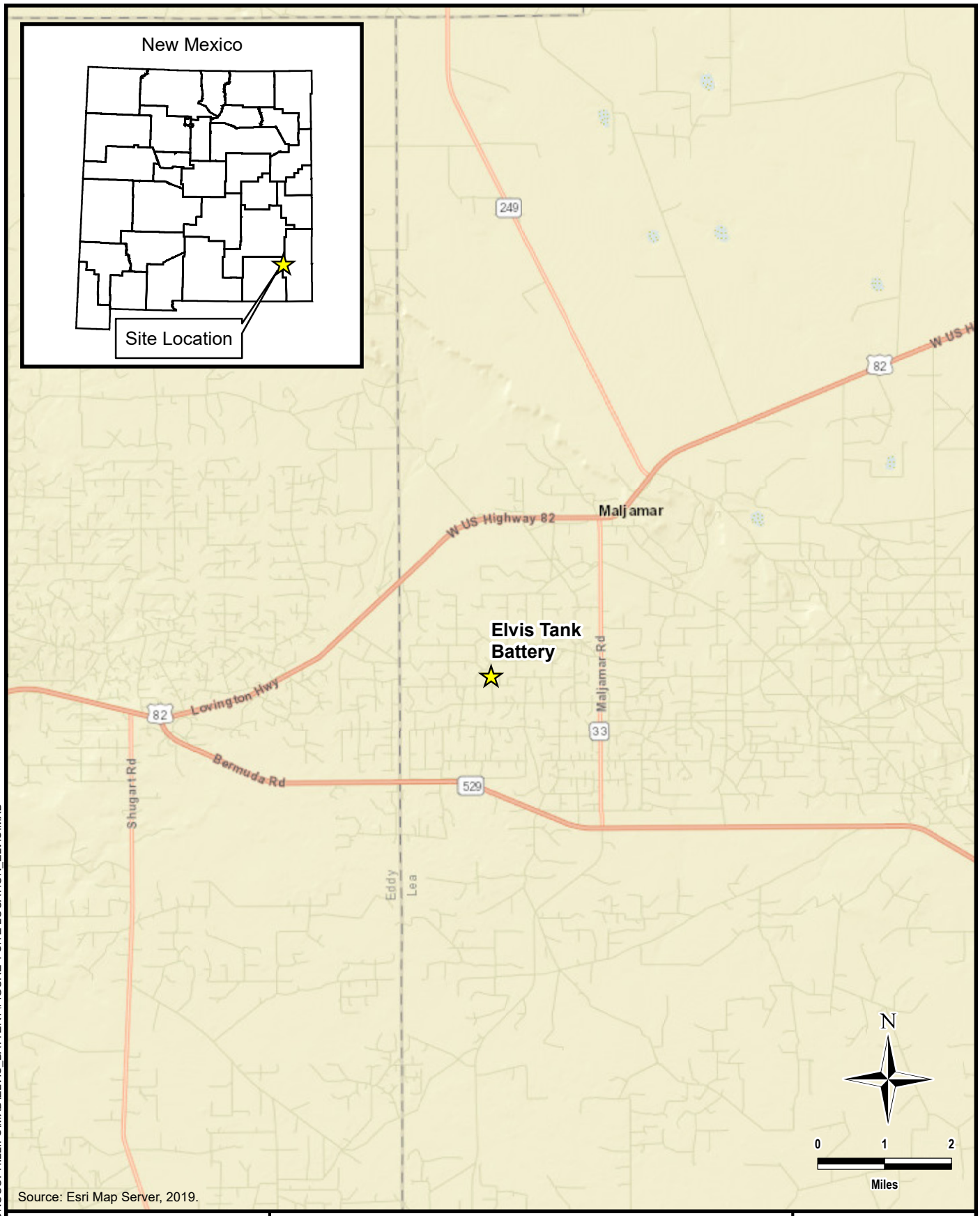
LIST OF ATTACHMENTS

Figures:
- Figure 1 – Site Location/Overview Map
- Figure 2 – Site Location/Topographic Map
- Figure 3 – Approximate Release Extent
- Figure 4 – Approximate Release Extent and Confirmation Screening Locations

Tables:
- Table 1 – Summary of Analytical Results – Confirmation Sampling
- Table 2 – Summary of Analytical Results – Soil Screening Confirmation

Appendices:
- Appendix A – C-141 Forms
- Appendix B – Site Characterization Data
- Appendix C – Tetra Tech Remediation Work Plan
- Appendix D – Diamondback Closure Report
- Appendix E – Photographic Documentation

FIGURES



DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\ELVIS_BATTERY\FIGURE 1 SITE LOCATION_ELVIS.MXD

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Fax: (432) 682-3946

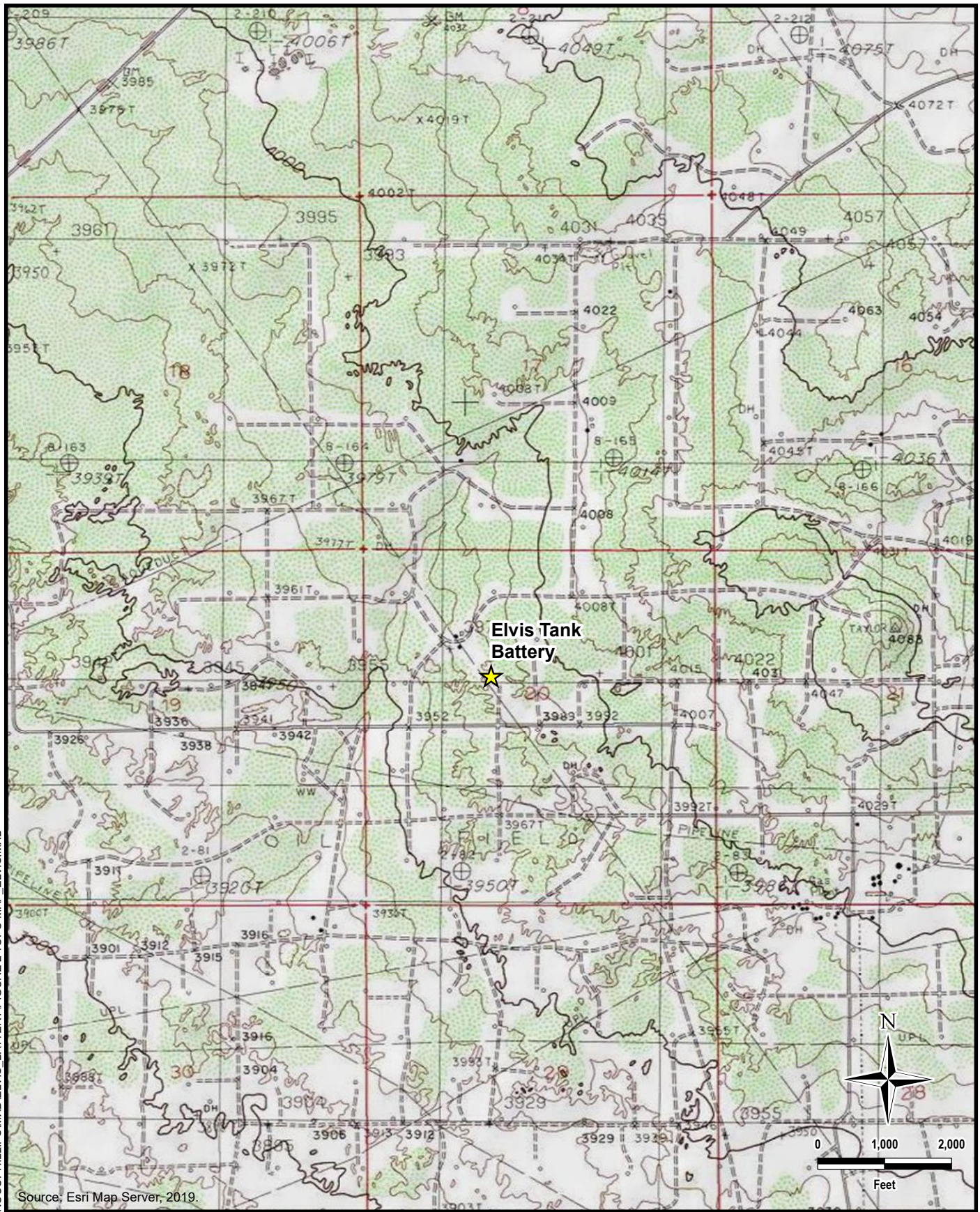
CONOCOPHILLIPS

1RP-3280
(32.822160°, -103.790910°)
LEA COUNTY, NEW MEXICO

ELVIS TANK BATTERY RELEASE
SITE LOCATION MAP

PROJECT NO.:	212C-MD-02304
DATE:	November 10, 2020
DESIGNED BY:	AAM

Figure No.
1



Source: Esri Map Server, 2019.

DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\ELVIS_BATTERY\FIGURE 2 TOPO MAP_ELVIS.MXD

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CONOCOPHILLIPS

1RP-3280
(32.822160°, -103.790910°)
LEA COUNTY, NEW MEXICO

ELVIS TANK BATTERY RELEASE
TOPOGRAPHIC MAP

PROJECT NO.:	212C-MD-02304
DATE:	November 10, 2020
DESIGNED BY:	AAM

Figure No.
2

DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\ELVIS_BATTERY\FIGURE 3 RELEASE CONFIRMATION SAMPLE_ELVIS.MXD

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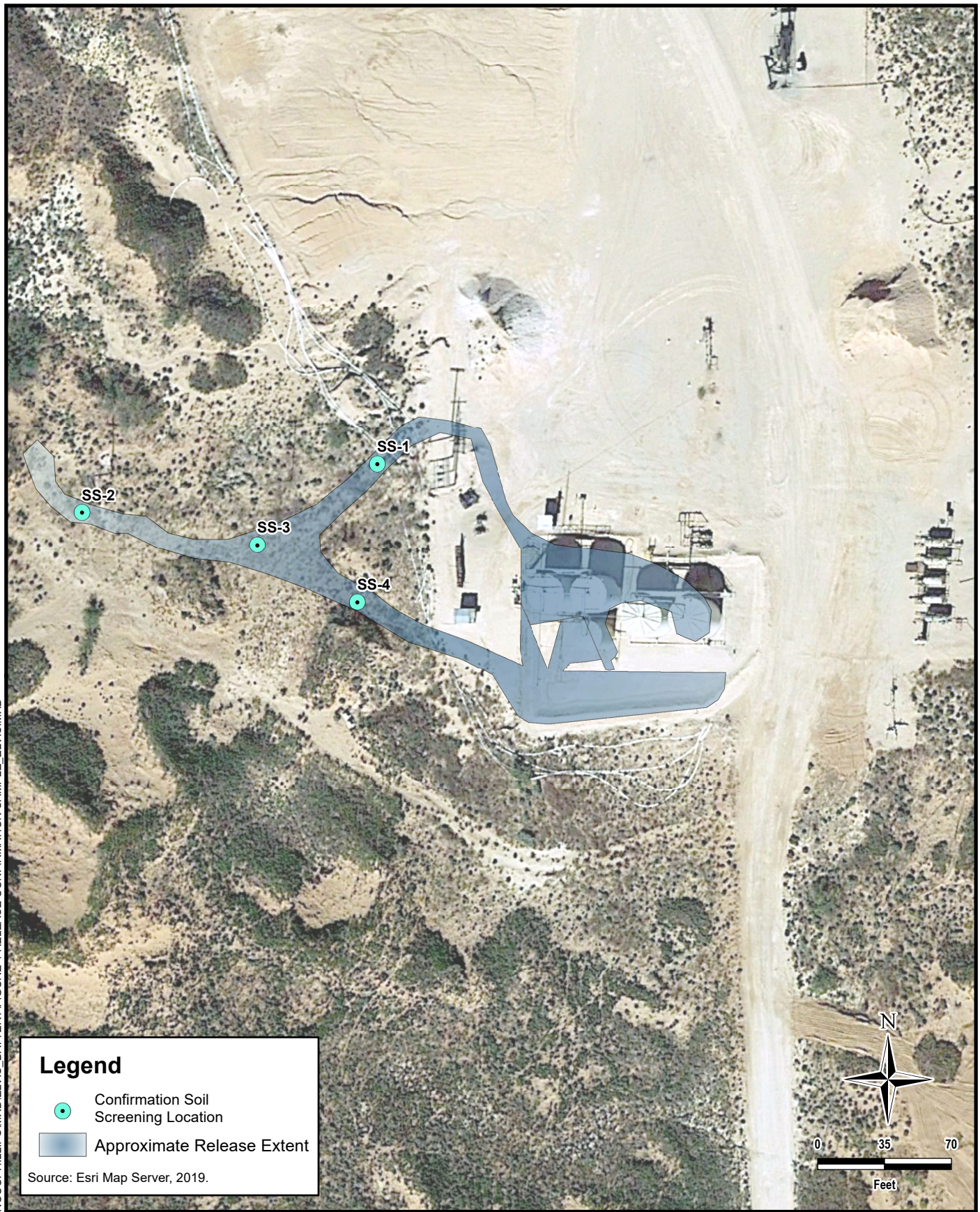
CONOCOPHILLIPS

1RP-3280
(32.822160°, -103.790910°)
LEA COUNTY, NEW MEXICO

ELVIS TANK BATTERY RELEASE
APPROXIMATE RELEASE EXTENT

PROJECT NO.:	212C-MD-02304
DATE:	NOVEMBER 24, 2020
DESIGNED BY:	AAM

Figure No.
3



DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\ELVIS_BATTERY\FIGURE 4 RELEASE CONFIRMATION SAMPLE_ELVIS.MXD

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CONOCOPHILLIPS

1RP-3280
(32.822160°, -103.790910°)
LEA COUNTY, NEW MEXICO

ELVIS TANK BATTERY RELEASE
APPROXIMATE RELEASE EXTENT AND
CONFIRMATION SCREENING LOCATIONS

PROJECT NO.:	212C-MD-02304
DATE:	NOVEMBER 24, 2020
DESIGNED BY:	AAM

Figure No.
4

TABLES

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
CONFIRMATION SAMPLING - 1RP-3280
CONOCOPHILLIPS
ELVIS TANK BATTERY 1RP-3280 RELEASE
LEA COUNTY, NM

Sample ID	Sample Date	Chloride[1]		BTEX[2]								TPH[3]				
				Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX	GRO C_6 - C_{10}		DRO C_{10} - C_{28}		Total TPH (GRO+DRO)
		mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	mg/kg	Q	mg/kg	Q	mg/kg
SEC 1 S. WALL	8/18/2014	816		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300	< 10.0		< 10.0		-
SEC 1 N. WALL	8/18/2014	160		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300	< 10.0		365		365
SEC 1 FLOOR	8/18/2014	64		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300	< 10.0		< 10.0		-
SEC 2 S. WALL	8/18/2014	32		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300	< 10.0		< 10.0		-
SEC 2 N. WALL	8/18/2014	48		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300	< 10.0		< 10.0		-
SEC 2 FLOOR	8/18/2014	64		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300	< 10.0		< 10.0		-
SEC 3 S. WALL	8/18/2014	< 16.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300	< 10.0		< 10.0		-
SEC 3 N. WALL	8/18/2014	< 16.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300	< 10.0		< 10.0		-
SEC 3 FLOOR	8/18/2014	< 16.0		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300	< 10.0		< 10.0		-
SEC 4 FLOOR	8/18/2014	2120		< 0.050		< 0.050		< 0.050		< 0.150		< 0.300	< 10.0		< 10.0		-

NOTES:

ft.	Feet	*	
bgs	Below ground surface	1	These iterative samples are located to encompass the original sample location that triggered removal, with further excavation in each area indicated in ().
ppm	Parts per million	2	SM4500Cl-B
mg/kg	Milligrams per kilogram	3	EPA Method 8021B
TPH	Total Petroleum Hydrocarbons	QUALIFIERS:	EPA Method 8015M
GRO	Gasoline range organics	J	The identification of the analyte is acceptable; the reported value is an estimate.
DRO	Diesel range organics		
ORO	Oil range organics		

TABLE 2
SUMMARY OF SOIL SCREENING RESULTS
SOIL SCREENING CONFIRMATION
1RP-3280
CONOCOPHILLIPS
ELVIS TANK BATTERY 1RP-3280 RELEASE
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Field Screening Results	Field Observations
			Chloride	
		ft. bgs	ppm	
SS-1	9/10/2020	0-1	98	No Staining, No Odor
SS-2	9/10/2020	0-1	103	No Staining, No Odor
SS-3	9/10/2020	0-1	86	No Staining, No Odor
SS-4	9/10/2020	0-1	91	No Staining, No Odor

NOTES:

ft. Feet

bgs Below ground surface

ppm Parts per million

APPENDIX A
C-141 Forms

HOBBS OCD

AUG 2 6 2014

RECEIVED

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

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

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: **ConocoPhillips**	Contact: **John Gates**
Address: **29 Vacuum Complex Lane Lovington, NM 88260**	Telephone No.: **575-391-3158**
Facility Name: **MCA Elvis Battery**	Facility Type: **Oil & Gas**

Surface Owner: **Federal**	Mineral Owner: **Federal**	**API No. 188612**

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	20	**17**	**32**					**Lea**

Latitude: 32 49' 21.54" N **Longitude: 103 47' 26.052" W**

NATURE OF RELEASE

Type of Release: **Crude Oil & Produced Water**	Volume of Release ~ **4 BBLS Oil & ~473 bbls ProducedWater**	Volume Recovered : **~2 bbls oil & ~398 bbls water**
Source of Release: Release overflowed from top of North West 500 bbl oil tank	Date and Hour of Occurrence **05/17/13 Unknown Time Of occurrence**	Date and Hour of Discovery **05/17/13 @ ~0730 Hours**
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Geoffrey Leking NMOCD & Trishia Bad Bear BLM	
By Whom? John Gates	Date and Hour: **05/17/13 @ 0746 Hours**	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
Release originated from top of produced water tanks inside battery. The tanks overflowed out of top hatch onto battery location and caliche road. Transfer pumps went down which subsequently caused tanks to overflow. MSO shut in battery to stop additional fluids from being released. Spill site will be remediated in accordance with NMOCD & BLM guidelines.

Describe Area Affected and Cleanup Action Taken.*
Majority of spill was contained in surrounding caliche location and roadway with small amount running west off location onto sandy soil. Vacuum trucks were called to recover standing fluids. Approximately 2 BBLS of oil and approximately 398 bbls of water were recovered.

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

Signature: John W. Gates

Printed Name: John W. Gates

Title: LEAD HSE

E-mail Address: **John.W.Gates@conocophillips.com**

Date: 05/17/13 Phone:575-391-3158

OIL CONSERVATION DIVISION

Approved by Environmental Specialist:

Approval Date: 8-26-14 Expiration Date: 10-29-14

Conditions of Approval:
Site Supervisor report
Delineate & remediate per NMOCD guidelines Submit final C-141 by 10-29-14

Attached ☐

IRP - 3280

AUG 2 8 2014

ogrid 217817
NTO 1929 038926
PTO 1929 039056
FTO 1929 038452

State of New Mexico
Oil Conservation Division

Incident ID	nTO1424038926
District RP	1RP-3280
Facility ID	fTO1424038452
Application ID	pTO1424039056

Closure

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

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

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

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

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

☒ Description of remediation activities

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

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

Signature: _____ Date: 1/5/2021

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

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: Bradford Billings Date: 11/30/2021

Printed Name: Bradford Billings Title: Envi.Spec.A

APPENDIX B
Site Characterization Data

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

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
RA 12042 POD1	RA	LE	2	2	1	28	17S	32E	614891	3631181	2003	400		
RA 10175	RA	LE		2	1	28	17S	32E	614814	3631005*	2037	158		
RA 12522 POD1	RA	LE	3	3	4	21	17S	32E	614941	3631122	2076	100		
RA 12020 POD1	RA	LE	2	2	1	28	17S	32E	614828	3630954	2078	120	81	39
RA 12522 POD2	RA	LE	2	2	1	28	17S	32E	614949	3631098	2096	100		
RA 12522 POD3	RA	LE	4	4	3	28	17S	32E	614980	3631093	2125	100		
RA 12521 POD1	RA	LE	3	3	4	21	17S	32E	615127	3631271	2167	105	92	13
RA 12020 POD3	RA	LE	2	1	2	28	17S	32E	615152	3631019	2310	112	83	29

Average Depth to Water: **85 feet**

Minimum Depth: **81 feet**

Maximum Depth: **92 feet**

Record Count: 8

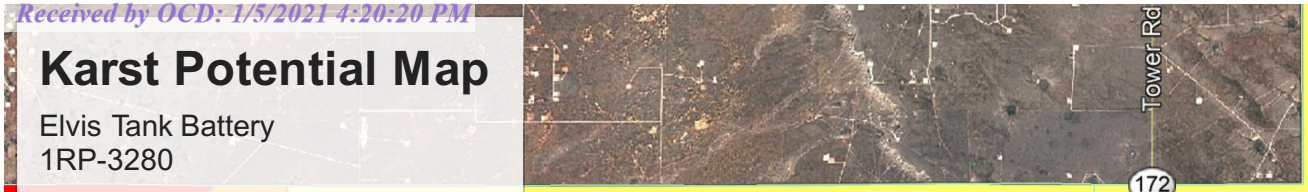
UTMNAD83 Radius Search (in meters):

Easting (X): 613176.86 **Northing (Y):** 3632218.24 **Radius:** 2500

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

Karst Potential Map

Elvis Tank Battery
1RP-3280



Legend

- Elvis Battery
- High
- Low
- Medium

121

Hwy 82

249

Maljamar

Elvis Battery

Loco Hills

82

Bermuda Rd

529

360

Blue Quail Rd

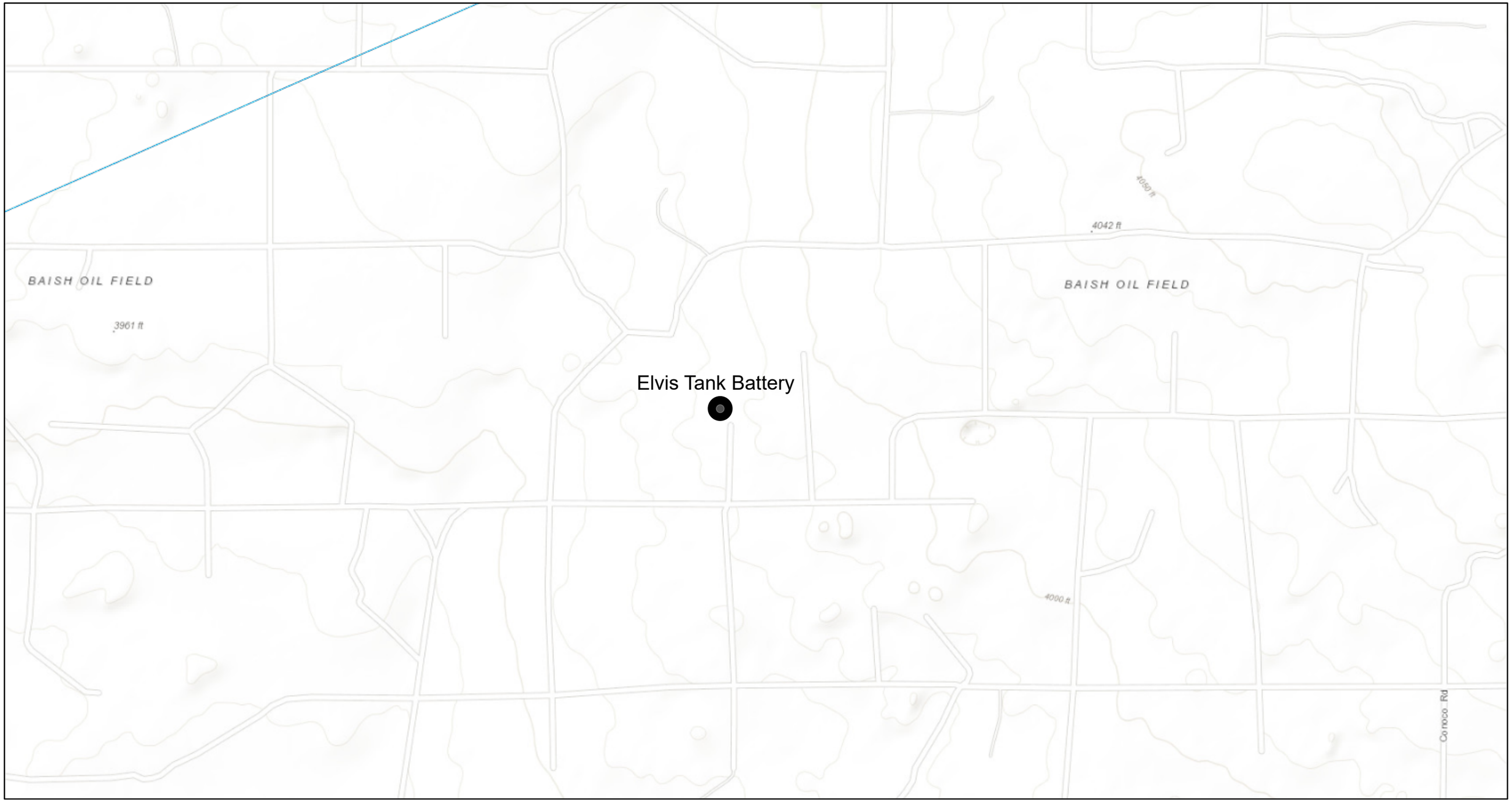
Google Earth

Image Landsat / Copernicus

9 mi

N

Elvis Tank Battery



3/25/2020, 9:36:36 AM

- Override 1
- OSE Water-bodies
- PLJV Probable Playas
- OSE Streams

1:10,144

0 0.1 0.2 0.4 mi

0 0.15 0.3 0.6 km

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

APPENDIX C
Tetra Tech Remediation Work Plan

SITE INFORMATION

Report Type: Work Plan

General Site Information:						
Site:	Elvis Tank Battery					
Company:	ConocoPhillips					
Section, Township and Range	Unit A	Sec 20	T17S	R32E		
Lease Number:	API No. 188612					
County:	Lea County					
GPS:	32.82238° N			103.79107° W		
Surface Owner:	Federal					
Mineral Owner:						
Directions:	From Maljamar travel south on CR 2126 approx 2.3 miles to a paved road headed west. Travel on the paved road west for 1.2 miles to the caliche road and continue west for 0.4 miles. Turn north for approx. 0.3 miles and turn miles for 0.2 miles. Turn south for approx. 0.1 miles and again west for 0.2 miles. Turn back to the north for 0.1 miles and arrive at the location.					

Release Data:	
Date Released:	5/17/2013
Type Release:	Oil and Produced Water
Source of Contamination:	Overfill of Tank
Fluid Released:	4 bbls Oil / 473 bbls Produced Water
Fluids Recovered:	2 bbls Oil / 398 bbls Produced Water

Official Communication:			
Name:	John Gates		Ike Tavarez
Company:	Conoco Phillips		Tetra Tech
Address:	29 Vacuum Lane		4000 N. Big Spring St.
City:	Lovington, New Mexico		Midland, Texas
Phone number:	575-391-3158		(432) 682-4559
Fax:			
Email:	john.w.gates@conocophillips.com		ike.tavarez@tetratech.com

Ranking Criteria		
Depth to Groundwater:	Ranking Score	Site Data
<50 ft	20	
50-99 ft	10	
>100 ft.	0	0
WellHead Protection:	Ranking Score	Site Data
Water Source <1,000 ft., Private <200 ft.	20	
Water Source >1,000 ft., Private >200 ft.	0	0
Surface Body of Water:	Ranking Score	Site Data
<200 ft.	20	
200 ft - 1,000 ft.	10	
>1,000 ft.	0	0
Total Ranking Score:	0	

Acceptable Soil RRAL (mg/kg)		
Benzene	Total BTEX	TPH
10	50	5,000

TETRA TECH

January 31, 2014

Mr. Geoffrey Leking
Environmental Engineer Specialist
Oil Conservation Division, District 1
1625 North French Drive
Hobbs, New Mexico 88240

Re: Work Plan for the ConocoPhillips Operating LLC., Elvis Tank Battery, Unit A, Section 20, Township 17 South, Range 32 East, Lea County, New Mexico.

Mr. Leking:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips (COP) to assess a spill from the Elvis Tank Battery located in Unit A, Section 20, Township 17 South, Range 32 East, Lea County, New Mexico (Site). The spill site coordinates are N 32.82238º, W 103.79107º. The site location is shown on Figures 1 and 2.

Background

According to the State of New Mexico C-141 Initial Report, the leak was discovered on May 17, 2013, and released approximately Four hundred and seventy three (473) barrels of produced water and four (4) barrels of oil from overflowing the top of a tank due to transfer pumps going down. To alleviate the problem, COP returned the transfer pumps into service. Three hundred and ninety eight (398) barrels of produced water and two (2) barrels of oil were recovered. The spill initiated within the lined tank battery before spilling onto the caliche road and into the pasture. The initial C-141 form is enclosed in Appendix A.

Groundwater

According the USGS and NMOCD databases there are no wells listed in Section 20. COP located a water well in T-17-S, R-32-E, Section 21, Lea County, NM drilled by Scarborough Drilling and completed on 5-15-2007. However, this well (EW-1) was drilled only to 125 feet and the well log description indicates that the sediments were damp, not wet, and no water level was indicated. According to the NMOCD groundwater map the depth to groundwater is approximately 140' below surface. The groundwater data is shown in Appendix B.

Tetra Tech
4000 North Big Spring, Midland, TX 79705
Tel 432.682.4559 Fax 432.682.3946 www.tetratech.com

TETRA TECH

Regulatory

A risk-based evaluation was performed for the Site in accordance with the New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills and Releases, dated August 13, 1993. The guidelines require a risk-based evaluation of the site to determine recommended remedial action levels (RRAL) for benzene, toluene, ethylbenzene and xylene (collectively referred to as BTEX) and total petroleum hydrocarbons (TPH) in soil. The proposed RRAL for benzene was determined to be 10 parts per million (ppm) or milligrams per kilogram (mg/kg) and 50 ppm for total BTEX (sum of benzene, toluene, ethylbenzene, and xylene). Based upon the depth to groundwater, the proposed RRAL for TPH is 5000 mg/kg.

Soil Assessment and Analytical Results

On August 14, 2013, Tetra Tech personnel inspected and sampled the spill area. Eleven (11) auger holes (AH-1 through AH-11) were installed using a stainless steel hand auger to assess the impacted soils. Selected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The sampling results are summarized in Table 1. The auger hole locations are shown on Figure 3.

Referring to Table 1, there were no BTEX impacts detected above the RRAL, however a TPH impact was detected in the subsurface soils above the RRAL. Auger hole (AH-2), showed a TPH concentration to the soils of 5,555 mg/kg at 0-1' and declined to 40 mg/kg at 1.5-2.0' below surface. All other auger hole samples were below the RRAL for BTEX and TPH.

In addition, a chloride impact was detected in auger holes (AH-1, AH-4, AH-5, AH-6, AH-7, AH-8, AH-9, AH-10 and AH-11). On the pad, auger hole (AH-1) showed a chloride impact of 7,910 mg/kg at 0-1' and declined significantly to 488 mg/kg and 217 mg/kg at 1.-5' and 2.5-3.0' respectively. In the pasture, auger holes (AH-4, AH-5 and AH-6) showed chloride levels of 10,000 mg/kg, 11,900mg/kg and 1,480 mg/kg respectively at 0-1' below surface and were not defined; however the facility liner is present within this area at approximately 1.5' below surface. Auger holes (AH-7 and AH-8) showed maximum chloride levels of 13,600 mg/kg at 3.5-4.0' and 8,340 mg/kg at 2.5-3.0' below surface and declined to 8,380 mg/kg at 4.5-5.0' and 3.5-4.0' respectively. Auger hole (AH-9) showed a chloride level of 1,360 mg/kg at 0-1.0' and declined to 20.3 mg/kg 1.5-2.0' below surface. Auger holes (AH-10 and AH-11) showed a chloride impact at 3.5-4.0' of 1,310 mg/kg and 1,370 mg/kg, respectably. These areas were not vertically defined.

TETRA TECH

Work Plan

On November 18, 2013, NMOCD staff Mr. Geoffrey Leking, COP staff Steve Tischer and Debrah Gann and Tetra Tech staff Tom Elliott met to discuss the site. The site was walked and it was agreed upon to that further delineation was required in the pasture (sanddune complex) by either placing borings or trenches and that all elevated chlorides >1000 mg/kg would be removed.

COP proposes to remove impacted material as highlighted (green) in Table 1 and shown on Figure 4. The areas of AH-1, AH-2 and AH-9 will be excavated to a depth of approximately 1.0' below surface to remove the impacted soil. The areas of AH-4, AH-5 and AH-6 will be excavated to the top of the liner to remove the impacted material. The area of AH-7 will be excavated to approximately 5.0' below surface and AH-8 excavated to approximately 4.0' below surface.

In the area of AH-7, AH-8, AH-10 and AH-11 backhoe trenches will be installed to confirm and define the chloride extents. Based on the results, the areas will be excavated to the appropriate depth. If deeper impacts are detected, a liner or a 1.0' clay cap will be installed at a depth of 4.0' below surface in AH-7, AH-8, AH-10 and AH-11. All of the impacted material will be transported to proper disposal and the excavations will be backfilled with clean soil to grade. If the impacted soil is not vertically defined, Tetra Tech will install a borehole to define the extents.

The proposed excavation depths may not be reached due to wall cave ins and safety concerns for onsite personnel. In addition, impacted soil around oil and gas equipment, structures or lines may not be feasible or practicable to be removed due to safely concerns. As such, Tetra Tech will excavate the soils to the maximum extent practicable.

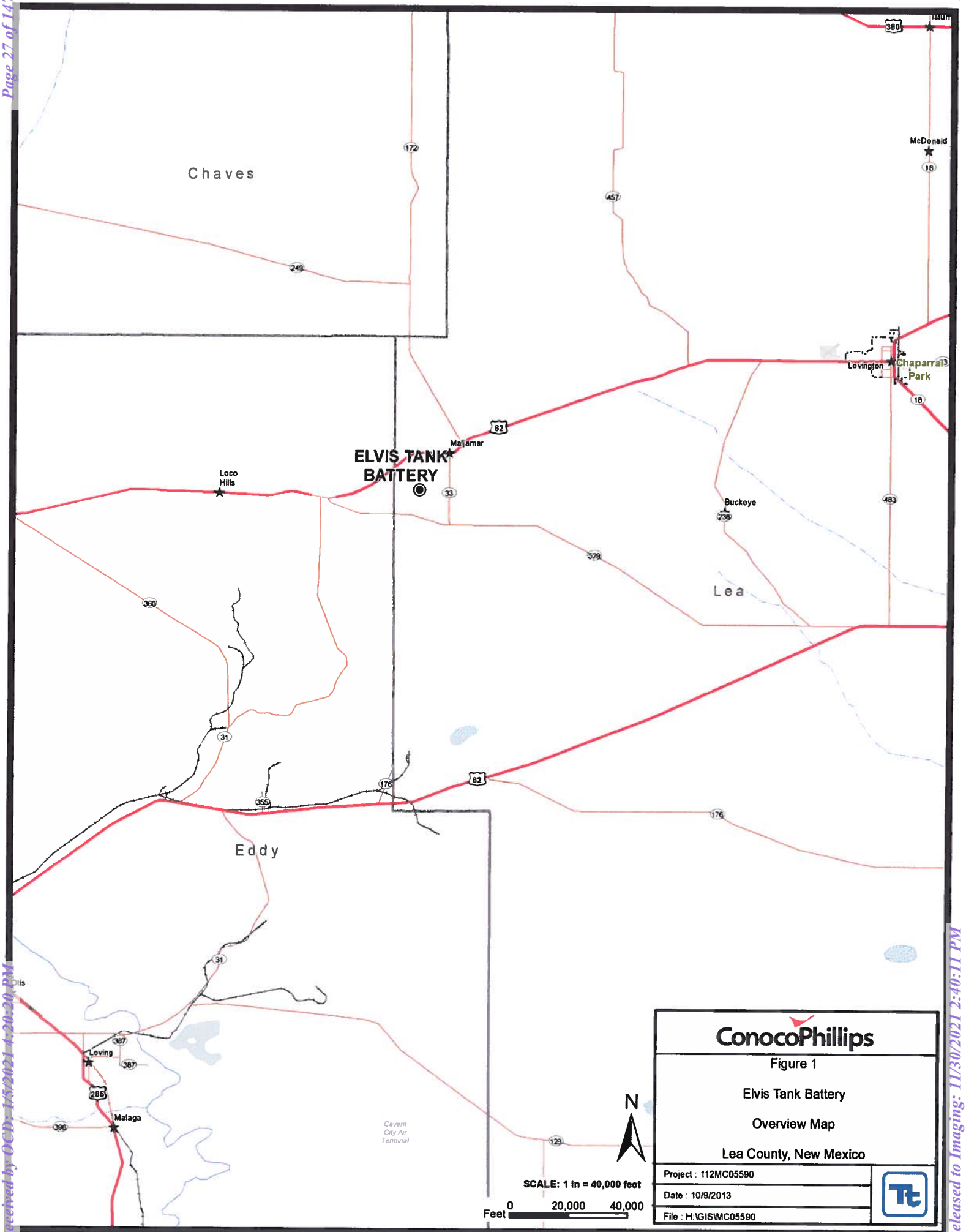
Upon completion, a final report will be submitted to the NMOCD. If you have any questions or comments concerning the assessment or the proposed remediation activities for this site, please call me at (432) 682-4559.

Respectfully submitted,
TETRA TECH

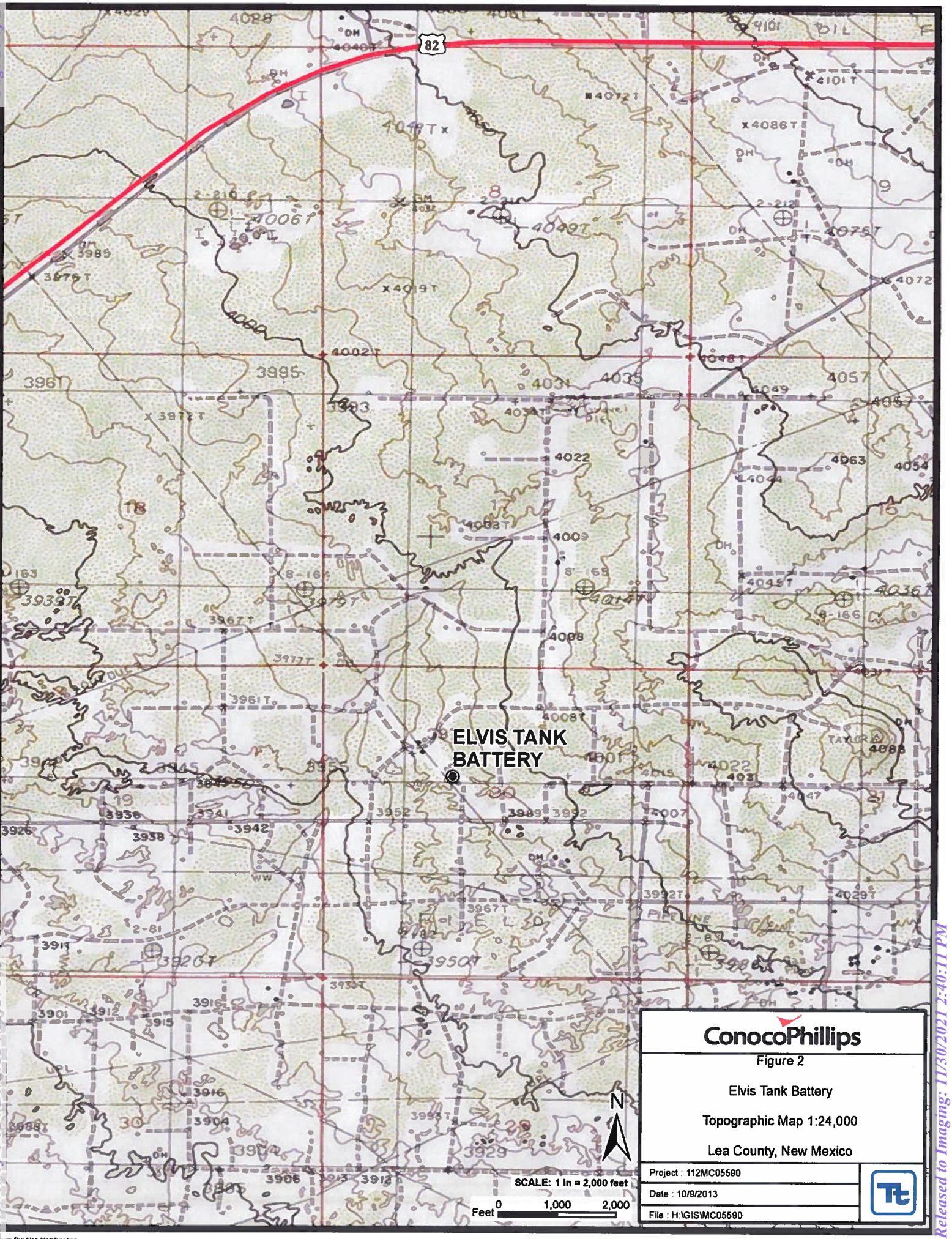
Tom Elliott
Project Manager

cc: Steve Tischer – COP
Jim Amos - BLM

FIGURES



Drawn By: Alan McClanahan



ConocoPhillips

Figure 2

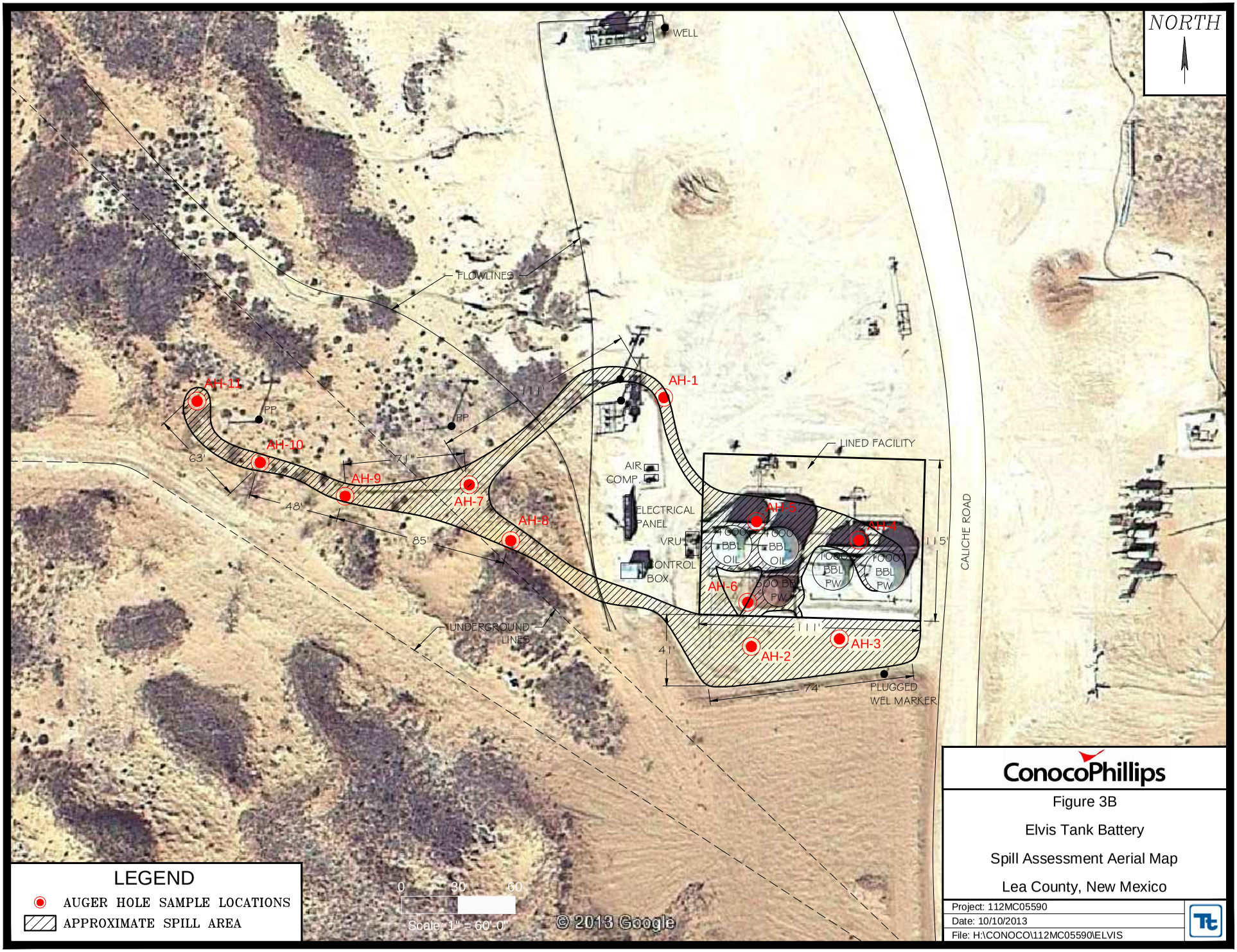
Elvis Tank Battery

Topographic Map 1:24,000

Lea County, New Mexico

Project : 112MC05590	
Date : 10/9/2013	
File : H:\GIS\MC05590	

Drawn By: Alan McClanahan



ConocoPhillips

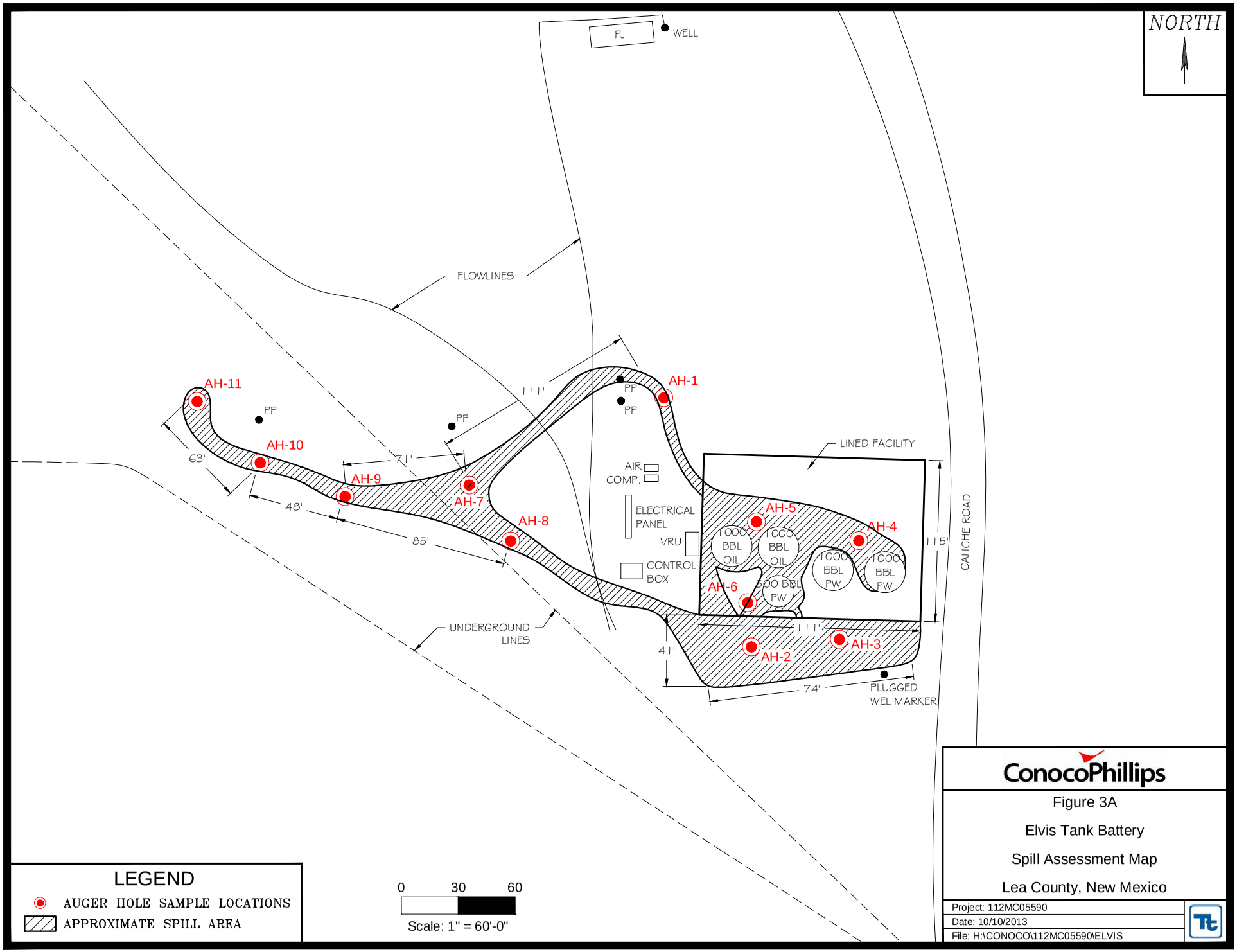
Figure 3B

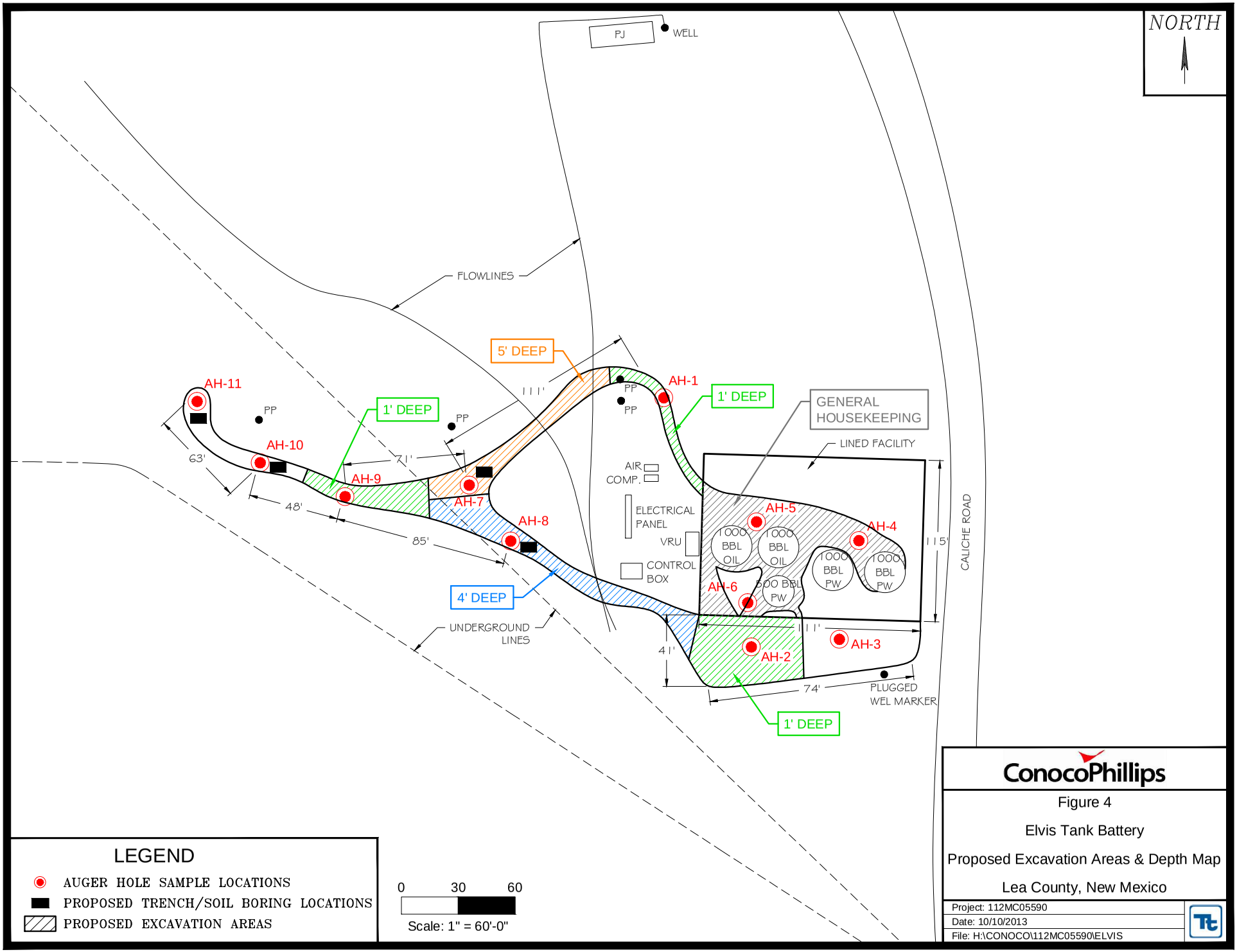
Elvis Tank Battery

Spill Assessment Aerial Map

Lea County, New Mexico

Project:	112MC05590
Date:	10/10/2013
File:	H:\CONOCO\112MC05590\ELVIS





PHOTOGRAPHS

ConocoPhillips
Elvis TB
Lea County, New Mexico

TETRA TECH

View North – Area of AH-2

View East – Area of AH-2 and AH-3

ConocoPhillips
Elvis TB
Lea County, New Mexico

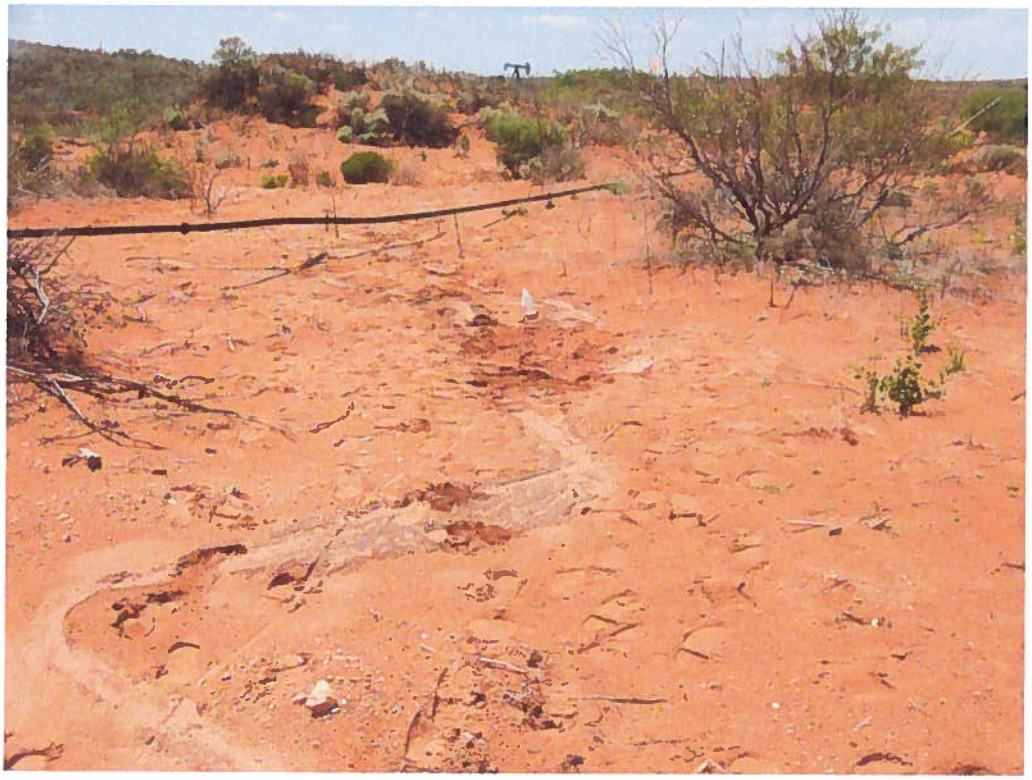
TETRA TECH

View East – Area of AH-6

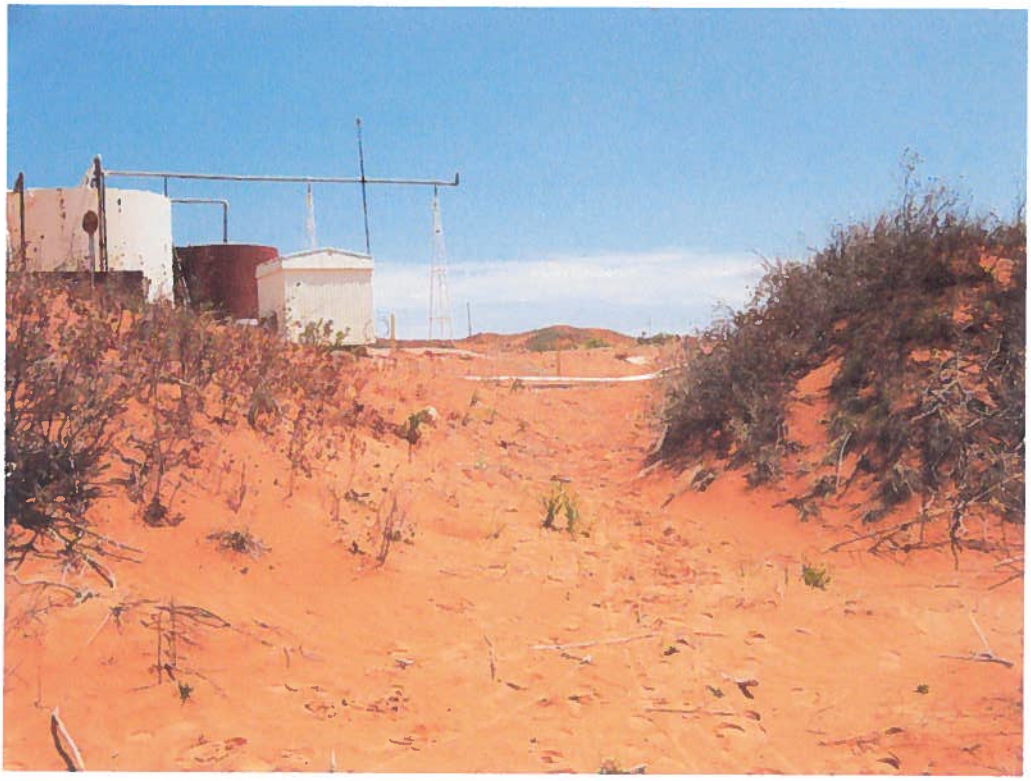
View Southeast – Area of AH-5

ConocoPhillips
Elvis TB
Lea County, New Mexico

TETRA TECH



View West – Area of AH-7



View East – Area of AH-8

TABLES

TABLE 1
Conoco Philips
Elvis Tank Battery
Lea County, New Mexico

Sample Location	Date	BEB Sample Depth (ft)	Excavation Depth (ft)	Soil Status		BTEX					TPH			Chloride
				In-Situ	Removed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	Total (mg/kg)	(mg/kg)
OCD Cleanup Guidelines for Groundwater >150 ft.						10				50			5,000	
AH-1	8/14/2013	0-1	0	X		<0.0012	<0.0012	<0.0012	<0.0035	<0.0035	0.40	705	705	7,910
	8/14/2013	1.5-2.0	0	X		---	---	---	---	---	---	---	---	488
	8/14/2013	2.5-3.0	0	X		---	---	---	---	---	---	---	---	217
	8/14/2013	3.5-4.0	0	X		---	---	---	---	---	---	---	---	18.9
	8/14/2013	4.5-5.0	0	X		---	---	---	---	---	---	---	---	48.7
	8/14/2013	5.5-6.0	0	X		---	---	---	---	---	---	---	---	374
	8/14/2013	6.5-7.0	0	X		---	---	---	---	---	---	---	---	357
	8/14/2013	7.5-8.0	0	X		---	---	---	---	---	---	---	---	463
	8/14/2013	8.5-9.0	0	X		---	---	---	---	---	---	---	---	629
	8/14/2013	9.5-10.0	0	X		---	---	---	---	---	---	---	---	324
AH-2	8/14/2013	0-1	0	X		<0.0052	6.6	<0.0052	9.9	16.5	265	5,290	5,555	637
	8/14/2013	1.5-2.0	0	X		---	---	---	---	---	1.2	38.4	40	400
	8/14/2013	2.5-3.0	0	X		---	---	---	---	---	---	---	---	333
	8/14/2013	3.5-4.0	0	X		---	---	---	---	---	---	---	---	192
	8/14/2013	4.5-5.0	0	X		---	---	---	---	---	---	---	---	574
AH-3	8/14/2013	0-1	0	X		<0.0051	0.98	<0.0051	4.9	5.88	163	1,670	1,833	399
	8/14/2013	1.5-2.0	0	X		---	---	---	---	---				17.5
	8/14/2013	2.5-3.0	0	X		---	---	---	---	---	---	---	---	39.5
	8/14/2013	3.5-4.0	0	X		---	---	---	---	---	---	---	---	105
	8/14/2013	4.5-5.0	0	X		---	---	---	---	---	---	---	---	195
AH-4 (Liner Present)	8/14/2013	0-1	0	X		<0.0011	<0.0011	<0.0011	<0.0033	<0.0033	2.0	3,770	3,772	10,000
AH-5 (Liner Present)	8/14/2013	0-1	0	X		<0.0055	<0.0055	<0.0055	<0.017	<0.0055	1.0	1,300	1,301	11,900
AH-6 (Liner Present)	8/14/2013	0-1	0	X		<0.0059	0.48	0.13	14.0	14.6	301	3,550	3,851	1,480

TABLE 1
Conoco Philips
Elvis Tank Battery
Lea County, New Mexico

Sample Location	Date	BEB Sample Depth (ft)	Excavation Depth (ft)	Soil Status		BTEX					TPH			Chloride
				In-Situ	Removed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	Total (mg/kg)	(mg/kg)
OCD Cleanup Guidelines for Groundwater >150 ft.						10				50			5,000	
AH-7	8/14/2013	0-1	0	X		<0.0051	<0.0051	<0.0051	<0.015	<0.015	1.2	392	393	**4,400**
	8/14/2013	1.5-2.0	0	X		---	---	---	---	---	---	---	---	**4,900**
	8/14/2013	2.5-3.0	0	X		---	---	---	---	---	---	---	---	**5,870**
	8/14/2013	3.5-4.0	0	X		---	---	---	---	---	---	---	---	**13,600**
Trench or Soil Boring	8/14/2013	4.5-5.0	0	X		---	---	---	---	---	---	---	---	**8,380**
AH-8	8/14/2013	0-1	0	X		<0.001	<0.001	<0.001	<0.0031	<0.0031	0.42	56.1	57	**3,220**
	8/14/2013	1.5-2.0	0	X		---	---	---	---	---	---	---	---	215
	8/14/2013	2.5-3.0	0	X		---	---	---	---	---	---	---	---	**8,340**
Trench or Soil Boring	8/14/2013	3.5-4.0	0	X		---	---	---	---	---	---	---	---	**4,350**
AH-9	8/14/2013	0-1	0	X		<0.0062	<0.0062	<0.0062	<0.019	<0.019	1.6	730	732	**1,360**
	8/14/2013	1.5-2.0	0	X		---	---	---	---	---	---	---	---	20.3
	8/14/2013	2.5-3.0	0	X		---	---	---	---	---	---	---	---	90.0
	8/14/2013	3.5-4.0	0	X		---	---	---	---	---	---	---	---	208
AH-10	8/14/2013	0-1	0	X		<0.0051	<0.0051	<0.0051	<0.015	<0.015	<0.26	3970	3970	7.2
	8/14/2013	1.5-2.0	0	X		---	---	---	---	---	---	---	---	48.3
	8/14/2013	2.5-3.0	0	X		---	---	---	---	---	---	---	---	825
Trench or Soil Boring	8/14/2013	3.5-4.0	0	X		---	---	---	---	---	---	---	---	**1,310**
AH-11	6/26/2013	0-1	0	X		<0.0010	<0.0010	<0.0010	<0.0031	<0.0031	0.25	4910	4910	282
	8/14/2013	1.5-2.0	0	X		---	---	---	---	---	---	---	---	99.8
	8/14/2013	2.5-3.0	0	X		---	---	---	---	---	---	---	---	701
Trench or Soil Boring	8/14/2013	3.5-4.0	0	X		---	---	---	---	---	---	---	---	**1,370**

(-) Not Analyzed
(BEB) Below Excavation Bottom
Proposed Excavation Depths
Trench or Soil Boring Proposed Trench or soil boring to defir

APPENDIX A

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

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

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: **ConocoPhillips**	Contact: **John Gates**
Address: **29 Vacuum Complex Lane Lovington, NM 88260**	Telephone No.: **575-391-3158**
Facility Name: **MCA Elvis Battery**	Facility Type: **Oil & Gas**

Surface Owner: **Federal**	Mineral Owner: **Federal**	**API No. 188612**

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	20	**17**	**32**					**Lea**

Latitude: 32 49' 21.54" N **Longitude: 103 47' 26.052" W**

NATURE OF RELEASE

Type of Release: **Crude Oil & Produced Water**	Volume of Release ~ **4 BBLS Oil & ~473 bbls ProducedWater**	Volume Recovered : **~2 bbls oil & ~398 bbls water**
Source of Release: Release overflowed from top of North West 500 bbl oil tank	Date and Hour of Occurrence **05/17/13 Unknown Time Of occurrence**	Date and Hour of Discovery **05/17/13 @ ~0730 Hours**
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Geoffrey Leking NMOCD & Trishia Bad Bear BLM	
By Whom? John Gates	Date and Hour: **05/17/13 @ 0746 Hours**	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
Release originated from top of produced water tanks inside battery. The tanks overflowed out of top hatch onto battery location and caliche road. Transfer pumps went down which subsequently caused tanks to overflow. MSO shut in battery to stop additional fluids from being released. Spill site will be remediated in accordance with NMOCD & BLM guidelines.

Describe Area Affected and Cleanup Action Taken.*
Majority of spill was contained in surrounding caliche location and roadway with small amount running west off location onto sandy soil. Vacuum trucks were called to recover standing fluids. Approximately 2 BBLS of oil and approximately 398 bbls of water were recovered.

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

Signature: John W. Gates

Printed Name: John W. Gates

Title: LEAD HSE

E-mail Address: ***John.W.Gates@conocophillips.com***

Date: 05/17/13 Phone:575-391-3158

OIL CONSERVATION DIVISION

Approved by Environmental Specialist:

Approval Date: Expiration Date:

Conditions of Approval:

Attached ☐

APPENDIX B

Water Well Data
Average Depth to Groundwater (ft)
ConocoPhillips - Elvis TB
Lea County, New Mexico

16 South 32 East

6	5	4	3 65	2 265	1 265
7	8	9	10	11	12 215
18	17	16 221	15	14	13 215
19 220	20	21 210	22	23 210	24
30	29	28	27	26 243	25
31	32	33	34	35	36 260

16 South 33 East

6	5 180	4 150	3 130	2 148	1 142
7	8 200	9	10 182	11	12 142
18	17 182	16 180	15 175	14 143	13 110
19	20	21	22	23 120	24
30 191	29	28 190	27 130	26 143	25 120
31 190	32 168	33	34 160	35	36

16 South 34 East

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

17 South 32 East

6	5	4 82	3 175	2 60	1 225
7	8	9	10	11 70 88	12 120
18	17	16	15	14	13
19	20	21 SITE	22	23	24
30 180 dry	29	28	27	26	25
31 Brown	32	33	34	35	36

17 South 33 East

6 90	5	4	3 155	2 158	1 150
7 167	8 173	9 161	10	11	12
18 188	17 180	16	15	14	13 165
19	20 SITE	21	22	23 115	24
30 69	29 60	28	27	26	25
31	32	33 120	34	35 155	36

17 South 34 East

6 120 157	5	4 65	3 95	2 80	1 77
7 140	8 140	9	10 95	11 92	12 115
18 160	17 113	16 60	15 114 60	14 79	13 84
19 78	20 140	21 153	22 109	23	24
30	29	28	27	26	25 82
31	32	33	34	35	36

18 South 32 East

6	5	4 65	3 Prong #2	2	1
7 460 82	8	9	10	11	12
18	17	16 84	15	14	13
19	20 164	21	22 429	23	24
30	29	28	27	26	25
31	32	33	34 117	35	36

18 South 33 East

6	5	4	3 60	2	1
7	8 100	9	10 62	11 46	12 143 140
18	17 85	16	15	14 36	13 60
19 >140	20	21	22	23	24 195
30 35	29	28	27	26	25
31	32	33 177	34	35	36

18 South 34 East

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

- New Mexico State Engineers Well Reports
- USGS Well Reports
- Geology and Groundwater Conditions in Southern Eddy, County, NM
- NMOCD - Groundwater Data
- Field water level
- New Mexico Water and Infrastructure Data System

APPENDIX C

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September 06, 2013

Steven P. Tischer
ConocoPhillips Company
3300 N. A Street, Bldg 6
Midland, TX 79710

RE: Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Dear Steven Tischer:
Enclosed are the analytical results for sample(s) received by the laboratory on August 16, 2013. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Report Revised 9/6/13 - Additional analysis requested.

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

Sincerely,

Shelly Connelly

Shelly Connelly

shelly.connelly@pacelabs.com
Project Manager

Enclosures

cc: Tom Elliott, Tetra Tech

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Dallas Certification IDs
400 West Bethany Dr Suite 190 75013 Allen TX 75013
Texas Certification #: T104704232-12-4
Kansas Certification #: E-10388
Arkansas Certification #: 88-0647
Oklahoma Certification #: 2012-080
Louisiana Certification #: 02007

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SAMPLE SUMMARY

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Lab ID	Sample ID	Matrix	Date Collected	Date Received
757578001	AH-1 (0-1.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578002	AH-1 (1.5-2.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578003	AH-1 (2.5-3.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578004	AH-1 (3.5-4.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578005	AH-1 (4.5-5.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578006	AH-1 (5.5-6.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578007	AH-1 (6.5-7.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578008	AH-1 (7.5-8.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578009	AH-1 (8.5-9.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578010	AH-1 (9.5-10.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578011	AH-2 (0-1.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578012	AH-2 (1.5-2.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578013	AH-2 (2.5-3.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578014	AH-2 (3.5-4.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578015	AH-2 (4.5-5.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578016	AH-3 (0-1.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578017	AH-3 (1.5-2.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578018	AH-3 (2.5-3.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578019	AH-3 (3.5-4.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578020	AH-3 (4.5-5.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578021	AH-4 (0-1.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578022	AH-5 (0-1.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578023	AH-6 (0-1.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578024	AH-7 (0-1.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578025	AH-7 (1.5-2.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578026	AH-7 (2.5-3.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578027	AH-7 (3.5-4.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578028	AH-7 (4.5-5.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578029	AH-8 (0-1.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578030	AH-8 (1.5-2.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578031	AH-8 (2.5-3.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578032	AH-8 (3.5-4.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578033	AH-9 (0-1.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578034	AH-9 (1.5-2.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578035	AH-9 (2.5-3.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578036	AH-9 (3.5-4.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578037	AH-10 (0-1.0')	Solid	08/14/13 00:00	08/16/13 14:37

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SAMPLE SUMMARY

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Lab ID	Sample ID	Matrix	Date Collected	Date Received
757578038	AH-10 (1.5-2.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578039	AH-10 (2.5-3.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578040	AH-10 (3.5-4.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578041	AH-11 (0-1.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578042	AH-11 (1.5-2.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578043	AH-11 (2.5-3.0')	Solid	08/14/13 00:00	08/16/13 14:37
757578044	AH-11 (3.5-4.0')	Solid	08/14/13 00:00	08/16/13 14:37

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SAMPLE ANALYTE COUNT

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Lab ID	Sample ID	Method	Analysts	Analytes Reported
757578001	AH-1 (0-1.0')	EPA 8015B Modified	TA	3
		EPA 8015B	ZST	2
		EPA 8021	ZST	5
		ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578002	AH-1 (1.5-2.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578003	AH-1 (2.5-3.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578004	AH-1 (3.5-4.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578005	AH-1 (4.5-5.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578006	AH-1 (5.5-6.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578007	AH-1 (6.5-7.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578008	AH-1 (7.5-8.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578009	AH-1 (8.5-9.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578010	AH-1 (9.5-10.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578011	AH-2 (0-1.0')	EPA 8015B Modified	TA	3
		EPA 8015B	ZST	2
		EPA 8021	ZST	5
		ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578012	AH-2 (1.5-2.0')	EPA 8015B Modified	PMS	3
		EPA 8015B	ZST	2
		ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578013	AH-2 (2.5-3.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578014	AH-2 (3.5-4.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578015	AH-2 (4.5-5.0')	ASTM D2974-87	MDG	1

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SAMPLE ANALYTE COUNT

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 9056A	MDG	1
757578016	AH-3 (0-1.0')	EPA 8015B Modified	TA	3
		EPA 8015B	ZST	2
		EPA 8021	ZST	5
		ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578017	AH-3 (1.5-2.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578018	AH-3 (2.5-3.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578019	AH-3 (3.5-4.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578020	AH-3 (4.5-5.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578021	AH-4 (0-1.0')	EPA 8015B Modified	TA	3
		EPA 8015B	ZST	2
		EPA 8021	ZST	5
		ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578022	AH-5 (0-1.0')	EPA 8015B Modified	TA	3
		EPA 8015B	ZST	2
		EPA 8021	ZST	5
		ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578023	AH-6 (0-1.0')	EPA 8015B Modified	TA	3
		EPA 8015B	ZST	2
		EPA 8021	ZST	5
		ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578024	AH-7 (0-1.0')	EPA 8015B Modified	TA	3
		EPA 8015B	ZST	2
		EPA 8021	ZST	5
		ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578025	AH-7 (1.5-2.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578026	AH-7 (2.5-3.0')	ASTM D2974-87	MDG	1

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SAMPLE ANALYTE COUNT

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 9056A	MDG	1
757578027	AH-7 (3.5-4.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578028	AH-7 (4.5-5.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578029	AH-8 (0-1.0')	EPA 8015B Modified	TA	3
		EPA 8015B	ZST	2
		EPA 8021	ZST	5
		ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578030	AH-8 (1.5-2.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578031	AH-8 (2.5-3.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578032	AH-8 (3.5-4.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578033	AH-9 (0-1.0')	EPA 8015B Modified	TA	3
		EPA 8015B	ZST	2
		EPA 8021	ZST	5
		ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578034	AH-9 (1.5-2.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578035	AH-9 (2.5-3.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578036	AH-9 (3.5-4.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578037	AH-10 (0-1.0')	EPA 8015B Modified	TA	3
		EPA 8015B	ZST	2
		EPA 8021	ZST	5
		ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578038	AH-10 (1.5-2.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578039	AH-10 (2.5-3.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578040	AH-10 (3.5-4.0')	ASTM D2974-87	MDG	1

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SAMPLE ANALYTE COUNT

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 9056A	MDG	1
757578041	AH-11 (0-1.0')	EPA 8015B Modified	TA	3
		EPA 8015B	ZST	2
		EPA 8021	ZST	5
		ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578042	AH-11 (1.5-2.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578043	AH-11 (2.5-3.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1
757578044	AH-11 (3.5-4.0')	ASTM D2974-87	MDG	1
		EPA 9056A	MDG	1

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-1 (0-1.0') **Lab ID: 757678001** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Diesel Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3550 Modified								
Diesel Range Organics	**705**	mg/kg	38.8	21.1	10	08/21/13 12:25	08/22/13 14:05		M6
Surrogates									
a-Pinene (S)	43	%.	10-140		10	08/21/13 12:25	08/22/13 14:05		
n-Triacontane (S)	213	%.	10-140		10	08/21/13 12:25	08/22/13 14:05		S4
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	**0.40**	mg/kg	0.058	0.0095	1	08/19/13 14:10	08/19/13 16:12		
Surrogates									
4-Bromofluorobenzene (S)	109	%.	44-135		1	08/19/13 14:10	08/19/13 16:12	460-00-4	
8021 GCV Low BTEX	Analytical Method: EPA 8021 Preparation Method: EPA 5030								
Benzene	ND	mg/kg	0.0012	0.00015	1	08/19/13 14:33	08/19/13 16:12	71-43-2	
Ethylbenzene	ND	mg/kg	0.0012	0.00012	1	08/19/13 14:33	08/19/13 16:12	100-41-4	
Toluene	ND	mg/kg	0.0012	0.000082	1	08/19/13 14:33	08/19/13 16:12	108-88-3	
Xylene (Total)	ND	mg/kg	0.0035	0.0035	1	08/19/13 14:33	08/19/13 16:12	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	108	%.	70-130		1	08/19/13 14:33	08/19/13 16:12	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.9**	%	0.50	0.50	1		08/20/13 13:00		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**7910**	mg/kg	115	57.4	100	08/20/13 15:56	08/22/13 03:08	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-1 (1.5-2.0') **Lab ID: 757578002** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.2**	%	0.50	0.50	1		08/20/13 13:00		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**488**	mg/kg	11.4	5.7	10	08/20/13 15:56	08/22/13 04:02	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-1 (2.5-3.0') **Lab ID: 757578003** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**3.6**	%	0.50	0.50	1		08/20/13 13:00		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**217**	mg/kg	10.4	5.2	10	08/20/13 15:56	08/22/13 04:19	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-1 (3.5-4.0') **Lab ID: 757578004** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**2.0**	%	0.50	0.50	1		08/20/13 13:00		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**18.9**	mg/kg	1.0	0.51	1	08/20/13 15:56	08/21/13 14:01	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-1 (4.6-5.0') **Lab ID: 757578005** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**3.2**	%	0.50	0.50	1		08/20/13 13:00		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**48.7**	mg/kg	1.0	0.52	1	08/20/13 15:56	08/21/13 14:37	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-1 (5.5-6.0') **Lab ID: 757578006** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**9.7**	%	0.50	0.50	1		08/20/13 13:00		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**374**	mg/kg	11.1	5.5	10	08/20/13 15:56	08/22/13 08:34	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-1 (6.5-7.0') **Lab ID: 757578007** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**6.4**	%	0.50	0.50	1		08/20/13 13:00		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**357**	mg/kg	10.7	5.3	10	08/20/13 15:56	08/22/13 08:52	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-1 (7.6-8.0') **Lab ID: 757678008** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**6.5**	%	0.50	0.50	1		08/20/13 13:00		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**463**	mg/kg	10.7	5.3	10	08/20/13 15:56	08/22/13 09:09	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-1 (8.5-9.0') **Lab ID: 757678009** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**7.1**	%	0.50	0.50	1		08/20/13 13:00		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**629**	mg/kg	10.8	5.4	10	08/20/13 15:56	08/22/13 09:27	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-1 (9.5-10.0') **Lab ID: 757578010** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**19.9**	%	0.50	0.50	1		08/20/13 13:00		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**324**	mg/kg	12.5	6.2	10	08/20/13 15:56	08/22/13 09:45	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-2 (0-1.0') **Lab ID: 757578011** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Diesel Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3550 Modified								
Diesel Range Organics	**5290**	mg/kg	343	187	100	08/21/13 12:25	08/23/13 03:13		
Surrogates									
a-Pinene (S)	208	%.	10-140		100	08/21/13 12:25	08/23/13 03:13		S4
n-Triacontane (S)	1260	%.	10-140		100	08/21/13 12:25	08/23/13 03:13		CH,S4
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	**265**	mg/kg	25.8	4.2	500	08/19/13 14:10	08/20/13 20:18		
Surrogates									
4-Bromofluorobenzene (S)	88	%.	44-135		500	08/19/13 14:10	08/20/13 20:18	460-00-4	
8021 GCV Low BTEX	Analytical Method: EPA 8021 Preparation Method: EPA 5030								
Benzene	ND	mg/kg	0.0052	0.00069	5	08/19/13 14:33	08/20/13 15:06	71-43-2	
Ethylbenzene	**6.6**	mg/kg	0.052	0.0054	50	08/19/13 14:33	08/20/13 21:50	100-41-4	
Toluene	ND	mg/kg	0.0052	0.00037	5	08/19/13 14:33	08/20/13 15:06	108-88-3	
Xylene (Total)	**9.9**	mg/kg	0.15	0.15	50	08/19/13 14:33	08/20/13 21:50	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	80	%.	70-130		50	08/19/13 14:33	08/20/13 21:50	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**1.8**	%	0.50	0.50	1		08/20/13 13:00		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**637**	mg/kg	10.2	5.1	10	08/20/13 15:56	08/22/13 10:03	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-2 (1.5-2.0') **Lab ID: 757578012** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Diesel Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3550 Modified								
Diesel Range Organics	**38.4**	mg/kg	3.5	1.9	1	08/27/13 17:08	08/29/13 12:49		M1
Surrogates									
a-Pinene (S)	41	%.	10-140		1	08/27/13 17:08	08/29/13 12:49		
n-Triacontane (S)	68	%.	10-140		1	08/27/13 17:08	08/29/13 12:49		
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	**1.2**	mg/kg	0.26	0.043	5	08/27/13 16:38	08/27/13 18:55		M1
Surrogates									
4-Bromofluorobenzene (S)	152	%.	44-135		5	08/27/13 16:38	08/27/13 18:55	460-00-4	S0
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**4.3**	%	0.50	0.50	1		08/20/13 13:00		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**400**	mg/kg	10.5	5.2	10	08/20/13 15:56	08/22/13 10:57	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-2 (2.5-3.0') **Lab ID: 757578013** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**3.9**	%	0.50	0.50	1		08/20/13 13:00		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**333**	mg/kg	10.4	5.2	10	08/20/13 15:56	08/22/13 11:15	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-2 (3.5-4.0') **Lab ID: 757578014** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.0**	%	0.50	0.50	1		08/20/13 13:00		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**192**	mg/kg	1.2	0.59	1	08/20/13 15:56	08/21/13 21:47	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-2 (4.5-5.0') **Lab ID: 757578016** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**17.0**	%	0.50	0.50	1		08/20/13 13:00		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**574**	mg/kg	12.1	6.0	10	08/20/13 15:56	08/22/13 12:10	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-3 (0-1.0') **Lab ID: 757578016** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Diesel Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3550 Modified								
Diesel Range Organics	**1670**	mg/kg	172	93.6	50	08/21/13 12:25	08/22/13 16:50		
Surrogates									
a-Pinene (S)	103	%.	10-140		50	08/21/13 12:25	08/22/13 16:50		
n-Triacontane (S)	547	%.	10-140		50	08/21/13 12:25	08/22/13 16:50		CH,S4
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	**163**	mg/kg	25.7	4.2	500	08/19/13 14:10	08/20/13 20:48		
Surrogates									
4-Bromofluorobenzene (S)	105	%.	44-135		500	08/19/13 14:10	08/20/13 20:48	460-00-4	
8021 GCV Low BTEX	Analytical Method: EPA 8021 Preparation Method: EPA 5030								
Benzene	ND	mg/kg	0.0051	0.00068	5	08/19/13 14:33	08/20/13 15:37	71-43-2	1t
Ethylbenzene	**0.98**	mg/kg	0.051	0.0053	50	08/19/13 14:33	08/20/13 22:21	100-41-4	
Toluene	ND	mg/kg	0.0051	0.00037	5	08/19/13 14:33	08/20/13 15:37	108-88-3	
Xylene (Total)	**4.9**	mg/kg	0.15	0.15	50	08/19/13 14:33	08/20/13 22:21	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	111	%.	70-130		50	08/19/13 14:33	08/20/13 22:21	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**1.8**	%	0.50	0.50	1		08/20/13 13:00		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**399**	mg/kg	10.2	5.1	10	08/20/13 15:56	08/22/13 12:28	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-3 (1.5-2.0') **Lab ID: 757578017** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**16.4**	%	0.50	0.50	1		08/20/13 13:00		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**17.6**	mg/kg	1.2	0.60	1	08/20/13 15:56	08/22/13 00:09	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-3 (2.5-3.0') **Lab ID: 757578018** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**25.0**	%	0.50	0.50	1		08/20/13 13:00		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**39.5**	mg/kg	1.3	0.67	1	08/20/13 15:56	08/22/13 00:45	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-3 (3.5-4.0') **Lab ID: 757578019** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**21.5**	%	0.50	0.50	1		08/20/13 13:00		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**105**	mg/kg	1.3	0.64	1	08/20/13 15:56	08/22/13 01:21	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-3 (4.5-5.0') **Lab ID: 757578020** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**19.0**	%	0.50	0.50	1		08/20/13 13:00		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**195**	mg/kg	1.2	0.62	1	08/20/13 15:56	08/22/13 01:57	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-4 (0-1.0') **Lab ID: 757678021** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Diesel Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3550 Modified								
Diesel Range Organics	**3770**	mg/kg	363	198	100	08/21/13 12:25	08/22/13 17:45		
Surrogates									
a-Pinene (S)	63	%.	10-140		100	08/21/13 12:25	08/22/13 17:45		
n-Triacontane (S)	1080	%.	10-140		100	08/21/13 12:25	08/22/13 17:45		CH,S4
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	**2.0**	mg/kg	0.054	0.0089	1	08/19/13 14:10	08/19/13 17:44		
Surrogates									
4-Bromofluorobenzene (S)	13	%.	44-135		1	08/19/13 14:10	08/19/13 17:44	460-00-4	S0
8021 GCV Low BTEX	Analytical Method: EPA 8021 Preparation Method: EPA 5030								
Benzene	ND	mg/kg	0.0011	0.00014	1	08/19/13 14:33	08/19/13 17:44	71-43-2	
Ethylbenzene	ND	mg/kg	0.0011	0.00011	1	08/19/13 14:33	08/19/13 17:44	100-41-4	
Toluene	ND	mg/kg	0.0011	0.000077	1	08/19/13 14:33	08/19/13 17:44	108-88-3	
Xylene (Total)	ND	mg/kg	0.0033	0.0033	1	08/19/13 14:33	08/19/13 17:44	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	12	%.	70-130		1	08/19/13 14:33	08/19/13 17:44	460-00-4	S0
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**6.7**	%	0.50	0.50	1		08/20/13 13:30		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**10000**	mg/kg	214	107	200	08/21/13 11:37	08/23/13 14:59	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-5 (0-1.0') **Lab ID: 757578022** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Diesel Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3550 Modified								
Diesel Range Organics	**1300**	mg/kg	367	200	100	08/21/13 12:25	08/22/13 18:40		
Surrogates									
a-Pinene (S)	59	%.	10-140		100	08/21/13 12:25	08/22/13 18:40		
n-Triacontane (S)	1220	%.	10-140		100	08/21/13 12:25	08/22/13 18:40		CH,S4
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	**1.0**	mg/kg	0.28	0.045	5	08/19/13 14:10	08/20/13 10:10		
Surrogates									
4-Bromofluorobenzene (S)	109	%.	44-135		5	08/19/13 14:10	08/20/13 10:10	460-00-4	
8021 GCV Low BTEX	Analytical Method: EPA 8021 Preparation Method: EPA 5030								
Benzene	ND	mg/kg	0.0055	0.00073	5	08/19/13 14:33	08/20/13 10:10	71-43-2	
Ethylbenzene	ND	mg/kg	0.0055	0.00057	5	08/19/13 14:33	08/20/13 10:10	100-41-4	
Toluene	ND	mg/kg	0.0055	0.00039	5	08/19/13 14:33	08/20/13 10:10	108-88-3	
Xylene (Total)	ND	mg/kg	0.017	0.017	5	08/19/13 14:33	08/20/13 10:10	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	109	%.	70-130		5	08/19/13 14:33	08/20/13 10:10	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**8.0**	%	0.50	0.50	1		08/20/13 13:30		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**11900**	mg/kg	217	109	200	08/21/13 11:37	08/23/13 15:52	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-6 (0-1.0') **Lab ID: 757578023** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Diesel Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3550 Modified								
Diesel Range Organics	**3550**	mg/kg	395	215	100	08/21/13 12:25	08/22/13 19:34		
Surrogates									
a-Pinene (S)	262	%.	10-140		100	08/21/13 12:25	08/22/13 19:34		S4
n-Triacontane (S)	1120	%.	10-140		100	08/21/13 12:25	08/22/13 19:34		CH,S4
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	**301**	mg/kg	29.4	4.8	500	08/19/13 14:10	08/21/13 17:25		
Surrogates									
4-Bromofluorobenzene (S)	88	%.	44-135		500	08/19/13 14:10	08/21/13 17:25	460-00-4	
8021 GCV Low BTEX	Analytical Method: EPA 8021 Preparation Method: EPA 5030								
Benzene	ND	mg/kg	0.0059	0.00078	5	08/19/13 14:33	08/20/13 12:14	71-43-2	
Ethylbenzene	**0.48**	mg/kg	0.0059	0.00061	5	08/19/13 14:33	08/20/13 12:14	100-41-4	
Toluene	**0.13**	mg/kg	0.0059	0.00042	5	08/19/13 14:33	08/20/13 12:14	108-88-3	
Xylene (Total)	**14.0**	mg/kg	0.71	0.71	200	08/19/13 14:33	08/21/13 15:32	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91	%.	70-130		5	08/19/13 14:33	08/20/13 12:14	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.4**	%	0.50	0.50	1		08/20/13 13:30		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**1480**	mg/kg	11.7	5.8	10	08/21/13 11:37	08/23/13 16:10	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-7 (0-1.0') **Lab ID: 757578024** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Diesel Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3550 Modified								
Diesel Range Organics	**392**	mg/kg	34.4	18.7	10	08/21/13 12:25	08/23/13 06:47		
Surrogates									
a-Pinene (S)	47	%.	10-140		10	08/21/13 12:25	08/23/13 06:47		
n-Triacontane (S)	210	%.	10-140		10	08/21/13 12:25	08/23/13 06:47		CH,S4
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	**1.2**	mg/kg	1.0	0.17	20	08/19/13 14:10	08/20/13 18:14		
Surrogates									
4-Bromofluorobenzene (S)	98	%.	44-135		20	08/19/13 14:10	08/20/13 18:14	460-00-4	
8021 GCV Low BTEX	Analytical Method: EPA 8021 Preparation Method: EPA 5030								
Benzene	ND	mg/kg	0.0051	0.00068	5	08/19/13 14:33	08/20/13 10:41	71-43-2	1t
Ethylbenzene	ND	mg/kg	0.0051	0.00054	5	08/19/13 14:33	08/20/13 10:41	100-41-4	
Toluene	ND	mg/kg	0.0051	0.00037	5	08/19/13 14:33	08/20/13 10:41	108-88-3	
Xylene (Total)	ND	mg/kg	0.015	0.015	5	08/19/13 14:33	08/20/13 10:41	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	116	%.	70-130		5	08/19/13 14:33	08/20/13 10:41	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**1.7**	%	0.50	0.50	1		08/20/13 13:30		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**4400**	mg/kg	102	50.9	100	08/21/13 11:37	08/23/13 16:28	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-7 (1.5-2.0') **Lab ID: 757678025** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**3.2**	%	0.50	0.50	1		08/20/13 13:30		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**4900**	mg/kg	103	51.6	100	08/21/13 11:37	08/23/13 16:46	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-7 (2.5-3.0') **Lab ID: 757678026** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**3.9**	%	0.50	0.50	1		08/20/13 13:30		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**5870**	mg/kg	104	52.0	100	08/21/13 11:37	08/23/13 17:04	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-7 (3.5-4.0') **Lab ID: 757578027** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.8**	%	0.50	0.50	1		08/20/13 13:30		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**13600**	mg/kg	232	116	200	08/21/13 11:37	08/23/13 17:21	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-7 (4.5-5.0') **Lab ID: 757578028** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**9.7**	%	0.50	0.50	1		08/20/13 13:30		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**8380**	mg/kg	111	55.4	100	08/21/13 11:37	08/23/13 17:39	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-8 (0-1.0') **Lab ID: 757578029** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Diesel Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3550 Modified								
Diesel Range Organics	**66.1**	mg/kg	34.7	18.9	10	08/21/13 12:25	08/23/13 07:40		
Surrogates									
a-Pinene (S)	62	%.	10-140		10	08/21/13 12:25	08/23/13 07:40		
n-Triacontane (S)	202	%.	10-140		10	08/21/13 12:25	08/23/13 07:40		CH,S4
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	**0.42**	mg/kg	0.052	0.0085	1	08/19/13 14:10	08/19/13 19:48		
Surrogates									
4-Bromofluorobenzene (S)	114	%.	44-135		1	08/19/13 14:10	08/19/13 19:48	460-00-4	
8021 GCV Low BTEX	Analytical Method: EPA 8021 Preparation Method: EPA 5030								
Benzene	ND	mg/kg	0.0010	0.00014	1	08/19/13 14:33	08/19/13 19:48	71-43-2	
Ethylbenzene	ND	mg/kg	0.0010	0.00011	1	08/19/13 14:33	08/19/13 19:48	100-41-4	
Toluene	ND	mg/kg	0.0010	0.000074	1	08/19/13 14:33	08/19/13 19:48	108-88-3	
Xylene (Total)	ND	mg/kg	0.0031	0.0031	1	08/19/13 14:33	08/19/13 19:48	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	112	%.	70-130		1	08/19/13 14:33	08/19/13 19:48	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**2.7**	%	0.50	0.50	1		08/20/13 13:30		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**3220**	mg/kg	103	51.4	100	08/21/13 11:37	08/23/13 18:33	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-8 (1.5-2.0') **Lab ID: 757678030** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.3**	%	0.50	0.50	1		08/20/13 13:30		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**215**	mg/kg	1.1	0.56	1	08/21/13 11:37	08/23/13 00:24	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-8 (2.5-3.0') **Lab ID: 757678031** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.1**	%	0.50	0.50	1		08/20/13 13:30		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**8340**	mg/kg	113	56.3	100	08/21/13 11:37	08/23/13 18:51	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-8 (3.5-4.0') **Lab ID: 757578032** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**27.6**	%	0.50	0.50	1		08/20/13 13:30		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**4350**	mg/kg	138	69.1	100	08/21/13 11:37	08/23/13 19:44	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-9 (0-1.0') **Lab ID: 757578033** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Diesel Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3550 Modified								
Diesel Range Organics	**730**	mg/kg	41.2	22.5	10	08/21/13 12:25	08/23/13 08:33		
Surrogates									
a-Pinene (S)	46	%.	10-140		10	08/21/13 12:25	08/23/13 08:33		
n-Triacontane (S)	140	%.	10-140		10	08/21/13 12:25	08/23/13 08:33		CH
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	**1.6**	mg/kg	0.31	0.051	5	08/19/13 14:10	08/20/13 11:12		
Surrogates									
4-Bromofluorobenzene (S)	133	%.	44-135		5	08/19/13 14:10	08/20/13 11:12	460-00-4	
8021 GCV Low BTEX	Analytical Method: EPA 8021 Preparation Method: EPA 5030								
Benzene	ND	mg/kg	0.0062	0.00082	5	08/19/13 14:33	08/20/13 11:12	71-43-2	
Ethylbenzene	ND	mg/kg	0.0062	0.00064	5	08/19/13 14:33	08/20/13 11:12	100-41-4	
Toluene	ND	mg/kg	0.0062	0.00044	5	08/19/13 14:33	08/20/13 11:12	108-88-3	
Xylene (Total)	ND	mg/kg	0.019	0.019	5	08/19/13 14:33	08/20/13 11:12	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	132	%.	70-130		5	08/19/13 14:33	08/20/13 11:12	460-00-4	S3
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**18.3**	%	0.50	0.50	1		08/20/13 13:30		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**1360**	mg/kg	12.2	6.1	10	08/21/13 11:37	08/23/13 20:02	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-9 (1.5-2.0') **Lab ID: 757578034** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**8.5**	%	0.50	0.50	1		08/20/13 13:30		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**20.3**	mg/kg	1.1	0.55	1	08/21/13 11:37	08/23/13 03:58	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-9 (2.5-3.0') **Lab ID: 757578035** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**24.0**	%	0.50	0.50	1		08/20/13 13:30		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**90.0**	mg/kg	1.3	0.66	1	08/21/13 11:37	08/23/13 07:30	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-9 (3.5-4.0') **Lab ID: 757578036** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.3**	%	0.50	0.50	1		08/20/13 13:30		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**208**	mg/kg	1.2	0.58	1	08/21/13 11:37	08/23/13 08:05	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-10 (0-1.0') **Lab ID: 757578037** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Diesel Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3550 Modified								
Diesel Range Organics	**3790**	mg/kg	340	185	100	08/21/13 12:25	08/22/13 23:11		
Surrogates									
a-Pinene (S)	72	%.	10-140		100	08/21/13 12:25	08/22/13 23:11		
n-Triacontane (S)	855	%.	10-140		100	08/21/13 12:25	08/22/13 23:11		CH,S4
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND	mg/kg	0.26	0.042	5	08/19/13 14:10	08/20/13 11:43		
Surrogates									
4-Bromofluorobenzene (S)	106	%.	44-135		5	08/19/13 14:10	08/20/13 11:43	460-00-4	
8021 GCV Low BTEX	Analytical Method: EPA 8021 Preparation Method: EPA 5030								
Benzene	ND	mg/kg	0.0051	0.00068	5	08/19/13 14:33	08/20/13 11:43	71-43-2	
Ethylbenzene	ND	mg/kg	0.0051	0.00053	5	08/19/13 14:33	08/20/13 11:43	100-41-4	
Toluene	ND	mg/kg	0.0051	0.00036	5	08/19/13 14:33	08/20/13 11:43	108-88-3	
Xylene (Total)	ND	mg/kg	0.015	0.015	5	08/19/13 14:33	08/20/13 11:43	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	105	%.	70-130		5	08/19/13 14:33	08/20/13 11:43	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**0.61**	%	0.50	0.50	1		08/20/13 13:30		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**7.2**	mg/kg	1.0	0.50	1	08/21/13 11:37	08/23/13 08:44	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-10 (1.5-2.0') **Lab ID: 757578038** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**1.0**	%	0.50	0.50	1		08/20/13 13:30		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**48.3**	mg/kg	1.0	0.51	1	08/21/13 11:37	08/23/13 09:01	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-10 (2.5-3.0') **Lab ID: 757578039** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**8.3**	%	0.50	0.50	1		08/20/13 13:30		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**825**	mg/kg	10.9	5.5	10	08/21/13 11:37	08/23/13 20:20	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-10 (3.5-4.0') **Lab ID: 757578040** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.9**	%	0.50	0.50	1		08/20/13 13:30		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**1310**	mg/kg	11.6	5.8	10	08/21/13 11:37	08/23/13 20:38	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-11 (0-1.0') **Lab ID: 757578041** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Diesel Range Organics	Analytical Method: EPA 8015B Modified Preparation Method: EPA 3550 Modified								
Diesel Range Organics	**4910**	mg/kg	341	186	100	08/21/13 12:25	08/23/13 00:32		
Surrogates									
a-Pinene (S)	69	%.	10-140		100	08/21/13 12:25	08/23/13 00:32		
n-Triacontane (S)	945	%.	10-140		100	08/21/13 12:25	08/23/13 00:32		CH,S4
Gasoline Range Organics	Analytical Method: EPA 8015B Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	**0.25**	mg/kg	0.051	0.0084	1	08/19/13 14:10	08/19/13 21:21		
Surrogates									
4-Bromofluorobenzene (S)	104	%.	44-135		1	08/19/13 14:10	08/19/13 21:21	460-00-4	
8021 GCV Low BTEX	Analytical Method: EPA 8021 Preparation Method: EPA 5030								
Benzene	ND	mg/kg	0.0010	0.00014	1	08/19/13 14:33	08/19/13 21:21	71-43-2	
Ethylbenzene	ND	mg/kg	0.0010	0.00011	1	08/19/13 14:33	08/19/13 21:21	100-41-4	
Toluene	ND	mg/kg	0.0010	0.000073	1	08/19/13 14:33	08/19/13 21:21	108-88-3	
Xylene (Total)	ND	mg/kg	0.0031	0.0031	1	08/19/13 14:33	08/19/13 21:21	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103	%.	70-130		1	08/19/13 14:33	08/19/13 21:21	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**0.98**	%	0.50	0.50	1		08/20/13 14:00		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**282**	mg/kg	10.1	5.0	10	08/21/13 11:37	08/23/13 21:32	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-11 (1.5-2.0') **Lab ID: 757578042** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.6**	%	0.50	0.50	1		08/20/13 14:00		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**99.8**	mg/kg	1.1	0.57	1	08/21/13 11:37	08/23/13 12:36	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-11 (2.5-3.0') **Lab ID: 757578043** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**7.6**	%	0.50	0.50	1		08/20/13 14:00		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**701**	mg/kg	10.8	5.4	10	08/21/13 11:37	08/23/13 22:43	16887-00-6	

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ANALYTICAL RESULTS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Sample: AH-11 (3.5-4.0') **Lab ID: 757678044** Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**17.5**	%	0.50	0.50	1		08/20/13 14:00		
9056 IC Anions 28 Days	Analytical Method: EPA 9056A Preparation Method: EPA 9056A								
Chloride	**1370**	mg/kg	12.1	6.1	10	08/21/13 11:37	08/23/13 23:01	16887-00-6	

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QUALITY CONTROL DATA

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

QC Batch: GCV/1172 Analysis Method: EPA 8015B
QC Batch Method: EPA 5035A/5030B Analysis Description: Gasoline Range Organics
Associated Lab Samples: 757578001, 757578011, 757578016, 757578021, 757578022, 757578023, 757578024, 757578029, 757578033, 757578037, 757578041

METHOD BLANK: 36479 Matrix: Solid
Associated Lab Samples: 757578001, 757578011, 757578016, 757578021, 757578022, 757578023, 757578024, 757578029, 757578033, 757578037, 757578041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	ND	0.050	08/19/13 11:52	
4-Bromofluorobenzene (S)	%.	111	44-135	08/19/13 11:52	

LABORATORY CONTROL SAMPLE: 36480

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	.5	0.50	100	63-116	
4-Bromofluorobenzene (S)	%.			107	44-135	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 36481 36482

Parameter	Units	757578001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Gasoline Range Organics	mg/kg	0.40	.57	.57	0.96	1.0	97	104	40-140	4	20	
4-Bromofluorobenzene (S)	%.						103	99	44-135			

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QUALITY CONTROL DATA

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

QC Batch: GCV/1177 Analysis Method: EPA 8015B
QC Batch Method: EPA 5035A/5030B Analysis Description: Gasoline Range Organics
Associated Lab Samples: 757578012

METHOD BLANK: 37693 Matrix: Solid
Associated Lab Samples: 757578012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	ND	0.050	08/27/13 17:53	
4-Bromofluorobenzene (S)	%.	106	44-135	08/27/13 17:53	

LABORATORY CONTROL SAMPLE: 37694

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	.5	0.45	89	63-116	
4-Bromofluorobenzene (S)	%.			96	44-135	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 37695 37696

Parameter	Units	757578012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Gasoline Range Organics	mg/kg	1.2	2.6	2.6	4.9	4.0	141	107	40-140	20	20	M1
4-Bromofluorobenzene (S)	%.						140	103	44-135			S0

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QUALITY CONTROL DATA

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

QC Batch: GCV/1174 Analysis Method: EPA 8021
QC Batch Method: EPA 5030 Analysis Description: 8021 Low Level Solid GCV
Associated Lab Samples: 757578001, 757578011, 757578016, 757578021, 757578022, 757578023, 757578024, 757578029, 757578033, 757578037, 757578041

METHOD BLANK: 36500 Matrix: Solid
Associated Lab Samples: 757578001, 757578011, 757578016, 757578021, 757578022, 757578023, 757578024, 757578029, 757578033, 757578037, 757578041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	mg/kg	ND	0.0010	08/19/13 11:52	
Ethylbenzene	mg/kg	ND	0.0010	08/19/13 11:52	
Toluene	mg/kg	ND	0.0010	08/19/13 11:52	
Xylene (Total)	mg/kg	ND	0.0030	08/19/13 11:52	
4-Bromofluorobenzene (S)	%.	110	70-130	08/19/13 11:52	

LABORATORY CONTROL SAMPLE: 36501

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	mg/kg	.05	0.048	97	70-130	
Ethylbenzene	mg/kg	.05	0.050	99	70-130	
Toluene	mg/kg	.05	0.048	97	70-130	
Xylene (Total)	mg/kg	.15	0.14	96	70-130	
4-Bromofluorobenzene (S)	%.			105	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 36502 36503

Parameter	Units	757578001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	mg/kg	ND	.057	.057	0.057	0.055	98	95	70-130	4	20	
Ethylbenzene	mg/kg	ND	.057	.057	0.046	0.049	80	85	70-130	6	20	
Toluene	mg/kg	ND	.057	.057	0.056	0.052	96	90	70-130	7	20	
Xylene (Total)	mg/kg	ND	.17	.17	0.14	0.14	81	80	70-130	1	20	
4-Bromofluorobenzene (S)	%.						102	98	70-130			

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QUALITY CONTROL DATA

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

QC Batch: OEXT/2410 Analysis Method: EPA 8015B Modified
QC Batch Method: EPA 3550 Modified Analysis Description: EPA 8015 Modified
Associated Lab Samples: 757578001, 757578011, 757578016, 757578021, 757578022, 757578023, 757578024, 757578029, 757578033, 757578037, 757578041

METHOD BLANK: 36878 Matrix: Solid
Associated Lab Samples: 757578001, 757578011, 757578016, 757578021, 757578022, 757578023, 757578024, 757578029, 757578033, 757578037, 757578041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range Organics	mg/kg	ND	3.4	08/22/13 12:04	
a-Pinene (S)	%.	77	10-140	08/22/13 12:04	
n-Triacontane (S)	%.	115	10-140	08/22/13 12:04	

LABORATORY CONTROL SAMPLE: 36879

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range Organics	mg/kg	33.3	25.6	77	40-140	
a-Pinene (S)	%.			47	10-140	
n-Triacontane (S)	%.			89	10-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 36880 36881

Parameter	Units	757578001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Diesel Range Organics	mg/kg	705	38.2	38.2	793	748	228	110	40-140	6	40	M6
a-Pinene (S)	%.						55	43	10-140			
n-Triacontane (S)	%.						236	132	10-140			S4

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QUALITY CONTROL DATA

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

QC Batch: OEXT/2442 Analysis Method: EPA 8015B Modified
QC Batch Method: EPA 3550 Modified Analysis Description: EPA 8015 Modified
Associated Lab Samples: 757578012

METHOD BLANK: 37708 Matrix: Solid
Associated Lab Samples: 757578012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range Organics	mg/kg	ND	3.4	08/29/13 10:07	
a-Pinene (S)	%.	81	10-140	08/29/13 10:07	
n-Triacontane (S)	%.	112	10-140	08/29/13 10:07	

LABORATORY CONTROL SAMPLE: 37709

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range Organics	mg/kg	33.3	31.4	94	40-140	
a-Pinene (S)	%.			79	10-140	
n-Triacontane (S)	%.			100	10-140	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 37710 37711

Parameter	Units	757578012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Diesel Range Organics	mg/kg	38.4	34.7	34.6	45.8	47.0	21	25	40-140	2	40	M1
a-Pinene (S)	%.						35	36	10-140			
n-Triacontane (S)	%.						39	42	10-140			

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QUALITY CONTROL DATA

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

QC Batch: PMST/1190 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 757578001, 757578002, 757578003, 757578004, 757578005, 757578006, 757578007, 757578008, 757578009, 757578010, 757578011, 757578012, 757578013, 757578014, 757578015, 757578016, 757578017, 757578018, 757578019, 757578020

SAMPLE DUPLICATE: 36682

Parameter	Units	757578001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.9	13.9	7	20	

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QUALITY CONTROL DATA

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

QC Batch: PMST/1191
Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 757578021, 757578022, 757578023, 757578024, 757578025, 757578026, 757578027, 757578028, 757578029, 757578030, 757578031, 757578032, 757578033, 757578034, 757578035, 757578036, 757578037, 757578038, 757578039, 757578040

SAMPLE DUPLICATE: 36683

Parameter	Units	757578021 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.7	6.0	11	20	

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QUALITY CONTROL DATA

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

QC Batch: PMST/1192 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 757578041, 757578042, 757578043, 757578044

SAMPLE DUPLICATE: 36684

Parameter	Units	757578041 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	0.98	1.0	2	20	

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QUALITY CONTROL DATA

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

QC Batch: WETA/2849 Analysis Method: EPA 9056A
QC Batch Method: EPA 9056A Analysis Description: 9056 IC Anions
Associated Lab Samples: 757578001, 757578002, 757578003, 757578004, 757578005, 757578006, 757578007, 757578008, 757578009, 757578010, 757578011, 757578012, 757578013, 757578014, 757578015, 757578016, 757578017, 757578018, 757578019, 757578020

METHOD BLANK: 36666 Matrix: Solid
Associated Lab Samples: 757578001, 757578002, 757578003, 757578004, 757578005, 757578006, 757578007, 757578008, 757578009, 757578010, 757578011, 757578012, 757578013, 757578014, 757578015, 757578016, 757578017, 757578018, 757578019, 757578020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/kg	ND	1.0	08/21/13 12:32	

LABORATORY CONTROL SAMPLE: 36667

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/kg	50	46.3	93	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 36668 36669

Parameter	Units	757578001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/kg	7910	5740	5740	13700	13700	101	101	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 36670 36671

Parameter	Units	757578011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/kg	637	509	509	1150	1130	101	97	90-110	1	20	

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QUALITY CONTROL DATA

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

QC Batch: WETA/2850 Analysis Method: EPA 9056A
QC Batch Method: EPA 9056A Analysis Description: 9056 IC Anions
Associated Lab Samples: 757578021, 757578022, 757578023, 757578024, 757578025, 757578026, 757578027, 757578028, 757578029, 757578030, 757578031, 757578032, 757578033, 757578034, 757578035, 757578036, 757578037, 757578038, 757578039, 757578040

METHOD BLANK: 36672 Matrix: Solid
Associated Lab Samples: 757578021, 757578022, 757578023, 757578024, 757578025, 757578026, 757578027, 757578028, 757578029, 757578030, 757578031, 757578032, 757578033, 757578034, 757578035, 757578036, 757578037, 757578038, 757578039, 757578040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/kg	ND	1.0	08/22/13 16:40	

LABORATORY CONTROL SAMPLE: 36673

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/kg	50	46.1	92	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 36674 36675

Parameter	Units	757578021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/kg	10000	10700	10700	20500	20300	98	96	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 36676 36677

Parameter	Units	757578031 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/kg	8340	5630	5630	14100	14000	102	102	90-110	0	20	

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QUALITY CONTROL DATA

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

QC Batch: WETA/2851 Analysis Method: EPA 9056A
QC Batch Method: EPA 9056A Analysis Description: 9056 IC Anions
Associated Lab Samples: 757578041, 757578042, 757578043, 757578044

METHOD BLANK: 36678 Matrix: Solid
Associated Lab Samples: 757578041, 757578042, 757578043, 757578044

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/kg	ND	1.0	08/23/13 10:30	

LABORATORY CONTROL SAMPLE: 36679

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/kg	50	46.4	93	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 36680 36681

Parameter	Units	757578041 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/kg	282	505	505	765	770	96	97	90-110	1	20	

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QUALIFIERS

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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.

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ANALYTE QUALIFIERS

1t	The internal standard response is below criteria confirmed by reanalysis. Results for all compounds may be biased high.
CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
M6	Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.
S0	Surrogate recovery outside laboratory control limits.
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
757578001	AH-1 (0-1.0')	EPA 3550 Modified	OEXT/2410	EPA 8015B Modified	GCSV/1758
757578011	AH-2 (0-1.0')	EPA 3550 Modified	OEXT/2410	EPA 8015B Modified	GCSV/1758
757578012	AH-2 (1.5-2.0')	EPA 3550 Modified	OEXT/2442	EPA 8015B Modified	GCSV/1776
757578016	AH-3 (0-1.0')	EPA 3550 Modified	OEXT/2410	EPA 8015B Modified	GCSV/1758
757578021	AH-4 (0-1.0')	EPA 3550 Modified	OEXT/2410	EPA 8015B Modified	GCSV/1758
757578022	AH-5 (0-1.0')	EPA 3550 Modified	OEXT/2410	EPA 8015B Modified	GCSV/1758
757578023	AH-6 (0-1.0')	EPA 3550 Modified	OEXT/2410	EPA 8015B Modified	GCSV/1758
757578024	AH-7 (0-1.0')	EPA 3550 Modified	OEXT/2410	EPA 8015B Modified	GCSV/1758
757578029	AH-8 (0-1.0')	EPA 3550 Modified	OEXT/2410	EPA 8015B Modified	GCSV/1758
757578033	AH-9 (0-1.0')	EPA 3550 Modified	OEXT/2410	EPA 8015B Modified	GCSV/1758
757578037	AH-10 (0-1.0')	EPA 3550 Modified	OEXT/2410	EPA 8015B Modified	GCSV/1758
757578041	AH-11 (0-1.0')	EPA 3550 Modified	OEXT/2410	EPA 8015B Modified	GCSV/1758
757578001	AH-1 (0-1.0')	EPA 5035A/5030B	GCV/1172	EPA 8015B	GCV/1173
757578011	AH-2 (0-1.0')	EPA 5035A/5030B	GCV/1172	EPA 8015B	GCV/1173
757578012	AH-2 (1.5-2.0')	EPA 5035A/5030B	GCV/1177	EPA 8015B	GCV/1178
757578016	AH-3 (0-1.0')	EPA 5035A/5030B	GCV/1172	EPA 8015B	GCV/1173
757578021	AH-4 (0-1.0')	EPA 5035A/5030B	GCV/1172	EPA 8015B	GCV/1173
757578022	AH-5 (0-1.0')	EPA 5035A/5030B	GCV/1172	EPA 8015B	GCV/1173
757578023	AH-6 (0-1.0')	EPA 5035A/5030B	GCV/1172	EPA 8015B	GCV/1173
757578024	AH-7 (0-1.0')	EPA 5035A/5030B	GCV/1172	EPA 8015B	GCV/1173
757578029	AH-8 (0-1.0')	EPA 5035A/5030B	GCV/1172	EPA 8015B	GCV/1173
757578033	AH-9 (0-1.0')	EPA 5035A/5030B	GCV/1172	EPA 8015B	GCV/1173
757578037	AH-10 (0-1.0')	EPA 5035A/5030B	GCV/1172	EPA 8015B	GCV/1173
757578041	AH-11 (0-1.0')	EPA 5035A/5030B	GCV/1172	EPA 8015B	GCV/1173
757578001	AH-1 (0-1.0')	EPA 5030	GCV/1174	EPA 8021	GCV/1175
757578011	AH-2 (0-1.0')	EPA 5030	GCV/1174	EPA 8021	GCV/1175
757578016	AH-3 (0-1.0')	EPA 5030	GCV/1174	EPA 8021	GCV/1175
757578021	AH-4 (0-1.0')	EPA 5030	GCV/1174	EPA 8021	GCV/1175
757578022	AH-5 (0-1.0')	EPA 5030	GCV/1174	EPA 8021	GCV/1175
757578023	AH-6 (0-1.0')	EPA 5030	GCV/1174	EPA 8021	GCV/1175
757578024	AH-7 (0-1.0')	EPA 5030	GCV/1174	EPA 8021	GCV/1175
757578029	AH-8 (0-1.0')	EPA 5030	GCV/1174	EPA 8021	GCV/1175
757578033	AH-9 (0-1.0')	EPA 5030	GCV/1174	EPA 8021	GCV/1175
757578037	AH-10 (0-1.0')	EPA 5030	GCV/1174	EPA 8021	GCV/1175
757578041	AH-11 (0-1.0')	EPA 5030	GCV/1174	EPA 8021	GCV/1175
757578001	AH-1 (0-1.0')	ASTM D2974-87	PMST/1190		
757578002	AH-1 (1.5-2.0')	ASTM D2974-87	PMST/1190		
757578003	AH-1 (2.5-3.0')	ASTM D2974-87	PMST/1190		
757578004	AH-1 (3.5-4.0')	ASTM D2974-87	PMST/1190		
757578005	AH-1 (4.5-5.0')	ASTM D2974-87	PMST/1190		
757578006	AH-1 (5.5-6.0')	ASTM D2974-87	PMST/1190		
757578007	AH-1 (6.5-7.0')	ASTM D2974-87	PMST/1190		
757578008	AH-1 (7.5-8.0')	ASTM D2974-87	PMST/1190		
757578009	AH-1 (8.5-9.0')	ASTM D2974-87	PMST/1190		
757578010	AH-1 (9.5-10.0')	ASTM D2974-87	PMST/1190		

Pace Analytical®
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Pace Analytical Services, Inc.
400 West Bethany Drive - Suite 190
Allen, TX 75013
(972)727-1123

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
757578011	AH-2 (0-1.0')	ASTM D2974-87	PMST/1190		
757578012	AH-2 (1.5-2.0')	ASTM D2974-87	PMST/1190		
757578013	AH-2 (2.5-3.0')	ASTM D2974-87	PMST/1190		
757578014	AH-2 (3.5-4.0')	ASTM D2974-87	PMST/1190		
757578015	AH-2 (4.5-5.0')	ASTM D2974-87	PMST/1190		
757578016	AH-3 (0-1.0')	ASTM D2974-87	PMST/1190		
757578017	AH-3 (1.5-2.0')	ASTM D2974-87	PMST/1190		
757578018	AH-3 (2.5-3.0')	ASTM D2974-87	PMST/1190		
757578019	AH-3 (3.5-4.0')	ASTM D2974-87	PMST/1190		
757578020	AH-3 (4.5-5.0')	ASTM D2974-87	PMST/1190		
757578021	AH-4 (0-1.0')	ASTM D2974-87	PMST/1191		
757578022	AH-5 (0-1.0')	ASTM D2974-87	PMST/1191		
757578023	AH-6 (0-1.0')	ASTM D2974-87	PMST/1191		
757578024	AH-7 (0-1.0')	ASTM D2974-87	PMST/1191		
757578025	AH-7 (1.5-2.0')	ASTM D2974-87	PMST/1191		
757578026	AH-7 (2.5-3.0')	ASTM D2974-87	PMST/1191		
757578027	AH-7 (3.5-4.0')	ASTM D2974-87	PMST/1191		
757578028	AH-7 (4.5-5.0')	ASTM D2974-87	PMST/1191		
757578029	AH-8 (0-1.0')	ASTM D2974-87	PMST/1191		
757578030	AH-8 (1.5-2.0')	ASTM D2974-87	PMST/1191		
757578031	AH-8 (2.5-3.0')	ASTM D2974-87	PMST/1191		
757578032	AH-8 (3.5-4.0')	ASTM D2974-87	PMST/1191		
757578033	AH-9 (0-1.0')	ASTM D2974-87	PMST/1191		
757578034	AH-9 (1.5-2.0')	ASTM D2974-87	PMST/1191		
757578035	AH-9 (2.5-3.0')	ASTM D2974-87	PMST/1191		
757578036	AH-9 (3.5-4.0')	ASTM D2974-87	PMST/1191		
757578037	AH-10 (0-1.0')	ASTM D2974-87	PMST/1191		
757578038	AH-10 (1.5-2.0')	ASTM D2974-87	PMST/1191		
757578039	AH-10 (2.5-3.0')	ASTM D2974-87	PMST/1191		
757578040	AH-10 (3.5-4.0')	ASTM D2974-87	PMST/1191		
757578041	AH-11 (0-1.0')	ASTM D2974-87	PMST/1192		
757578042	AH-11 (1.5-2.0')	ASTM D2974-87	PMST/1192		
757578043	AH-11 (2.5-3.0')	ASTM D2974-87	PMST/1192		
757578044	AH-11 (3.5-4.0')	ASTM D2974-87	PMST/1192		
757578001	AH-1 (0-1.0')	EPA 9056A	WETA/2849	EPA 9056A	WETA/2856
757578002	AH-1 (1.5-2.0')	EPA 9056A	WETA/2849	EPA 9056A	WETA/2856
757578003	AH-1 (2.5-3.0')	EPA 9056A	WETA/2849	EPA 9056A	WETA/2856
757578004	AH-1 (3.5-4.0')	EPA 9056A	WETA/2849	EPA 9056A	WETA/2856
757578005	AH-1 (4.5-5.0')	EPA 9056A	WETA/2849	EPA 9056A	WETA/2856
757578006	AH-1 (5.5-6.0')	EPA 9056A	WETA/2849	EPA 9056A	WETA/2856
757578007	AH-1 (6.5-7.0')	EPA 9056A	WETA/2849	EPA 9056A	WETA/2856
757578008	AH-1 (7.5-8.0')	EPA 9056A	WETA/2849	EPA 9056A	WETA/2856
757578009	AH-1 (8.5-9.0')	EPA 9056A	WETA/2849	EPA 9056A	WETA/2856
757578010	AH-1 (9.5-10.0')	EPA 9056A	WETA/2849	EPA 9056A	WETA/2856
757578011	AH-2 (0-1.0')	EPA 9056A	WETA/2849	EPA 9056A	WETA/2856
757578012	AH-2 (1.5-2.0')	EPA 9056A	WETA/2849	EPA 9056A	WETA/2856
757578013	AH-2 (2.5-3.0')	EPA 9056A	WETA/2849	EPA 9056A	WETA/2856

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400 West Bethany Drive - Suite 190
Allen, TX 75013
(972)727-1123

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 112MC05590/Conoco-Elvis Tank
Pace Project No.: 757578

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
757578014	AH-2 (3.5-4.0')	EPA 9056A	WETA/2849	EPA 9056A	WETA/2856
757578015	AH-2 (4.5-5.0')	EPA 9056A	WETA/2849	EPA 9056A	WETA/2856
757578016	AH-3 (0-1.0')	EPA 9056A	WETA/2849	EPA 9056A	WETA/2856
757578017	AH-3 (1.5-2.0')	EPA 9056A	WETA/2849	EPA 9056A	WETA/2856
757578018	AH-3 (2.5-3.0')	EPA 9056A	WETA/2849	EPA 9056A	WETA/2856
757578019	AH-3 (3.5-4.0')	EPA 9056A	WETA/2849	EPA 9056A	WETA/2856
757578020	AH-3 (4.5-5.0')	EPA 9056A	WETA/2849	EPA 9056A	WETA/2856
757578021	AH-4 (0-1.0')	EPA 9056A	WETA/2850	EPA 9056A	WETA/2857
757578022	AH-5 (0-1.0')	EPA 9056A	WETA/2850	EPA 9056A	WETA/2857
757578023	AH-6 (0-1.0')	EPA 9056A	WETA/2850	EPA 9056A	WETA/2857
757578024	AH-7 (0-1.0')	EPA 9056A	WETA/2850	EPA 9056A	WETA/2857
757578025	AH-7 (1.5-2.0')	EPA 9056A	WETA/2850	EPA 9056A	WETA/2857
757578026	AH-7 (2.5-3.0')	EPA 9056A	WETA/2850	EPA 9056A	WETA/2857
757578027	AH-7 (3.5-4.0')	EPA 9056A	WETA/2850	EPA 9056A	WETA/2857
757578028	AH-7 (4.5-5.0')	EPA 9056A	WETA/2850	EPA 9056A	WETA/2857
757578029	AH-8 (0-1.0')	EPA 9056A	WETA/2850	EPA 9056A	WETA/2857
757578030	AH-8 (1.5-2.0')	EPA 9056A	WETA/2850	EPA 9056A	WETA/2857
757578031	AH-8 (2.5-3.0')	EPA 9056A	WETA/2850	EPA 9056A	WETA/2857
757578032	AH-8 (3.5-4.0')	EPA 9056A	WETA/2850	EPA 9056A	WETA/2857
757578033	AH-9 (0-1.0')	EPA 9056A	WETA/2850	EPA 9056A	WETA/2857
757578034	AH-9 (1.5-2.0')	EPA 9056A	WETA/2850	EPA 9056A	WETA/2857
757578035	AH-9 (2.5-3.0')	EPA 9056A	WETA/2850	EPA 9056A	WETA/2857
757578036	AH-9 (3.5-4.0')	EPA 9056A	WETA/2850	EPA 9056A	WETA/2857
757578037	AH-10 (0-1.0')	EPA 9056A	WETA/2850	EPA 9056A	WETA/2857
757578038	AH-10 (1.5-2.0')	EPA 9056A	WETA/2850	EPA 9056A	WETA/2857
757578039	AH-10 (2.5-3.0')	EPA 9056A	WETA/2850	EPA 9056A	WETA/2857
757578040	AH-10 (3.5-4.0')	EPA 9056A	WETA/2850	EPA 9056A	WETA/2857
757578041	AH-11 (0-1.0')	EPA 9056A	WETA/2851	EPA 9056A	WETA/2858
757578042	AH-11 (1.5-2.0')	EPA 9056A	WETA/2851	EPA 9056A	WETA/2858
757578043	AH-11 (2.5-3.0')	EPA 9056A	WETA/2851	EPA 9056A	WETA/2858
757578044	AH-11 (3.5-4.0')	EPA 9056A	WETA/2851	EPA 9056A	WETA/2858

Analysis Request of Chain of Custody Record

PAGE: 1 OF: 5

WO#: 757578

TETRA TECH
1910 N. Big Spring St.
Midland, Texas 79705
(432) 682-4559 • Fax (432) 682-3946

Ice Temp 0.2°C

CLIENT NAME: ConoCo Phillips

SITE MANAGER: Tom Elliott

PROJECT NO.: 142MC05590

PROJECT NAME: Conoco - Elvis Tank Battery
Lea Co., New Mexico

LAB I.D. NUMBER	DATE 2013	TIME	MATRIX	COMP.	GRAB	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	FILTERED (Y/N)	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	BTEX 8021B	TPH 8015 MOD. (Ext. to C35)	TX1005	PAH 8270	RCRA Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Metals Ag As Ba Cd Vr Pd Hg Se	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC.MS Vol. 8240/8260/624	GC.MS Semi. Vol. 8270/625	PCB's 8080/608	Pest. 808/608	Chloride	Gamma Spec.	Alpha Beta (Air)	PLM (Asbestos)	Major Anions/Cations, pH, TDS
001	8/14	-	S		G	AH-1 (0-1.0')	1				X		X	X												X				
002	"	-	"		"	AH-1 (1.5-2.0')	"				"															X				
003		-				AH-1 (2.5-3.0')																				X				
004		-				AH-1 (3.5-4.0')																				X				
005		-				AH-1 (4.5-5.0')																				X				
006		-				AH-1 (5.5-6.0')																				X				
007		-				AH-1 (6.5-7.0')																				X				
008		-				AH-1 (7.5-8.0')																				X				
009	↓	-	↓		↓	AH-1 (8.5-9.0')	↓				↓															X				
010	9/14	-	S		G	AH-1 (9.5-10.0')	1				X															X				

RELINQUISHED BY: (Signature) Date: 8-15-2013 Time: 17:00
RECEIVED BY: (Signature) Date: Time:
SAMPLED BY: (Print & Initial) Tom Elliott & C.G. Date: 8-14-2013 Time: -

RELINQUISHED BY: (Signature) Date: Time:
RECEIVED BY: (Signature) Date: Time:
SAMPLE SHIPPED BY: (Circle) FEDEX BUS HAND DELIVERED UPS
AIRBILL #:
OTHER:

RELINQUISHED BY: (Signature) Date: Time:
RECEIVED BY: (Signature) Date: Time:
TETRA TECH CONTACT PERSON: Tom.Elliott@TetraTech.com
Results by:

RECEIVING LABORATORY: Face Analytical
ADDRESS: 400 W. Bethany Drive Suite 190
CITY: Allen STATE: TX ZIP: 75013
CONTACT: Shelly Connelly PHONE: 972-727-1123
RECEIVED BY: (Signature) Stacie Sosa
DATE: 8-16-13 TIME: 1437 pm
RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED:

REMARKS: * Run deeper Samples if BTEX (Total) Exceeds 50 mg/kg & / or TPH Exceeds 5,000 mg/kg. (Direct Bill ConocoPhillips) TPH

Please fill out all copies - Laboratory retains Yellow copy - Return Orginal copy to Tetra Tech - Project Manager retains Pink copy - Accounting receives Gold copy.

Page 68 of 80

WO # 757578

Analysis Request of Chain of Custody Record

PAGE: 2 OF: 5

TETRA TECH
1910 N. Big Spring St.
Midland, Texas 79705
(432) 682-4559 • Fax (432) 682-3946

IRol Temp 0.2°C

ANALYSIS REQUEST
(Circle or Specify Method No.)

CLIENT NAME: Conoco Phillips

SITE MANAGER: Tom Elliott

PROJECT NO.: 112WC05590

PROJECT NAME: Conoco - Elvis Tunk Battery Lea Co., New Mexico

LAB I.D. NUMBER	DATE 2013	TIME	MATRIX	COMP.	GRAB	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	FILTERED (Y/N)	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	BTEX 8021B	TPH 8015 MOD. TX1005 (Ext. to C35)	PAH 8270	RCRA Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Metals Ag As Ba Cd Vr Pd Hg Se	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC.MS Vol. 8240/8260/624	GC.MS Semi. Vol. 8270/625	PCB's 8080/608	Pest. 808/608	Chloride	Gamma Spec.	Alpha Beta (Air)	PLM (Asbestos)	Major Anions/Cations, pH, TDS
011	8/14	-	S		6	AH-2 (0 - 1.0')	1				X		X	X											X				
012		-				AH-2 (1.5 - 2.0')																			X				
013		-				AH-2 (2.5 - 3.0')																			X				
014		-				AH-2 (3.5 - 4.0')																			X				
015		-				AH-2 (4.5 - 5.0')																			X				
016		-				AH-3 (0 - 1.0')							X	X											X				
017		-				AH-3 (1.5 - 2.0')																			X				
018		-				AH-3 (2.5 - 3.0')																			X				
019		-				AH-3 (3.5 - 4.0')																			X				
020	8/14	-	S		6	AH-3 (4.5 - 5.0')	1				X														X				

RELINQUISHED BY: (Signature) Date: 8-15-2013 Time: 12:00
RECEIVED BY: (Signature) Date: Time:
SAMPLED BY: (Print & Initial) Tom Elliott D.G. Date: 8-14-2013 Time: —

RELINQUISHED BY: (Signature) Date: Time:
RECEIVED BY: (Signature) Date: Time:
SAMPLE SHIPPED BY: (Circle) FEDEX BUS HAND DELIVERED UPS
AIRBILL #:
OTHER:

RELINQUISHED BY: (Signature) Date: Time:
RECEIVED BY: (Signature) Date: Time:
TETRA TECH CONTACT PERSON: Tom.Elliott@TetraTech.com
Results by:

RECEIVING LABORATORY: Pace Analytical
ADDRESS: 400 W. Bethany Drive Suite 190
CITY: Allen STATE: TX ZIP: 75013
CONTACT: Shelly Connelly PHONE: 972-929-1123
RECEIVED BY: (Signature) Stacy McCuen
DATE: 8-16-13 TIME: 1437 pm
RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED:
REMARKS: * See Pg 1

Please fill out all copies - Laboratory retains Yellow copy - Return Orginal copy to Tetra Tech - Project Manager retains Pink copy - Accounting receives Gold copy.

WO# 757578

Analysis Request of Chain of Custody Record

PAGE: 3 OF: 5

TETRA TECH
1910 N. Big Spring St.
Midland, Texas 79705
(432) 682-4559 • Fax (432) 682-3946

IR01 Temp 0.2°C

ANALYSIS REQUEST
(Circle or Specify Method No.)

CLIENT NAME: Conoco Phillips
SITE MANAGER: Tom Elliott
PROJECT NO.: 112MC05390
PROJECT NAME: Conoco - Elvis Junk Battery

LAB I.D. NUMBER	DATE 2013	TIME	MATRIX	COMP.	GRAB	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	FILTERED (Y/N)	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	BTEX 8021B *	TPH 8015 MOD: TX1005 (Ext. to C35) *	PAH 8270	RCRA Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Metals Ag As Ba Cd Vr Pd Hg Se	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC.MS Vol. 8240/8260/624	GC.MS Semi. Vol. 8270/625	PCB's 8080/608	Pest. 808/608	Chloride	Gamma Spec.	Alpha Beta (Air)	PLM (Asbestos)	Major Anions/Cations, pH, TDS
021	8/14	-	S		G	AH-4 (0-1.0')	1				X		X	X											X				
022		-				AH-5 (0-1.0')							X	X											X				
023		-				AH-6 (0-1.0')							X	X											X				
024		-				AH-7 (0-1.0')							X	X											X				
025		-				AH-7 (1.5-2.0')																			X				
026		-				AH-7 (2.5'-3.0')																			X				
027		-				AH-7 (3.5'-4.0')																			X				
028		-				AH-7 (4.5-5.0')																			X				
029		-				AH-8 (0-1.0')							X	X											X				
030	8/14	-	S		G	AH-8 (1.5-2.0')	1				X														X				

RELINQUISHED BY: (Signature) Date: 8-15-2013 Time: 17:30
RECEIVED BY: (Signature) Date: Time:
SAMPLED BY: (Print & Initial) Tom Elliott & CC Date: 8-14-2013 Time:

RELINQUISHED BY: (Signature) Date: Time:
RECEIVED BY: (Signature) Date: Time:
SAMPLE SHIPPED BY: (Circle) FEDEX BUS HAND DELIVERED UPS
AIRBILL #:
OTHER:

RELINQUISHED BY: (Signature) Date: Time:
RECEIVED BY: (Signature) Date: Time:
TETRA TECH CONTACT PERSON: Tom.Elliott@tetratech.com
Results by:

RECEIVING LABORATORY: Pace Analytical
ADDRESS: 4100 W Bethany Drive Suite 190
CITY: Allen STATE: TX ZIP: 75013
CONTACT: Shelly Connelly PHONE: 972-727-1423
RECEIVED BY: (Signature) Stacy McCalcon
DATE: 8-16-13 TIME: 1437pm
RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED:
REMARKS: * See BS 1

Please fill out all copies - Laboratory retains Yellow copy - Return Orginal copy to Tetra Tech - Project Manager retains Pink copy - Accounting receives Gold copy.

WO# 757578

Analysis Request of Chain of Custody Record

PAGE: 4 OF: 5

TETRA TECH
1910 N. Big Spring St.
Midland, Texas 79705
(432) 682-4559 • Fax (432) 682-3946

IR01 Temp 0.20c

ANALYSIS REQUEST (Circle or Specify Method No.)

CLIENT NAME: Conoco Phillips

SITE MANAGER: Tom Elliott

PROJECT NO.: 112MC05590

PROJECT NAME: Conoco - Ellis Tank Battery Lea Co, New Mexico

LAB I.D. NUMBER	DATE 2013	TIME	MATRIX	COMP.	GRAB	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	FILTERED (Y/N)	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	BTEX 8021B	TPH 8015 MOD. TX1005 (Ext. to C35)	PAH 8270	RCRA Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Metals Ag As Ba Cd Vr Pd Hg Se	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC.MS Vol. 8240/8260/624	GC.MS Semi. Vol. 8270/625	PCB's 8080/608	Pest. 808/608	Chloride	Gamma Spec.	Alpha Beta (Air)	PLM (Asbestos)	Major Anions/Cations, pH, TDS
031	8/14	-	S		G	AH-8 (2.5-3.0')	1				X														X				
032		-				AH-8 (3.5-4.0')																			X				
033		-				AH-9 (0-1.0')							X	X											X				
034		-				AH-9 (1.5-2.0')																			X				
035		-				AH-9 (2.5-3.0')																			X				
036		-				AH-9 (3.5-4.0')																			X				
037		-				AH-10 (0-1.0')							X	X											X				
038		-				AH-10 (1.5-2.0')																			X				
039	V	-				AH-10 (2.5-3.0')	1				V														X				
040	8/14	-	S		G	AH-10 (3.5-4.0')	1				X														X				

RELINQUISHED BY: (Signature) Date: 8-15-2013 Time: 17:00 — RECEIVED BY: (Signature) Date: Time:

SAMPLED BY: (Print & Initial) Tom Elliott & C.C. Date: 8-14-2013 Time:

RELINQUISHED BY: (Signature) Date: Time: — RECEIVED BY: (Signature) Date: Time:

SAMPLE SHIPPED BY: (Circle) FEDEX BUS HAND DELIVERED UPS AIRBILL #: OTHER:

RELINQUISHED BY: (Signature) Date: Time: — RECEIVED BY: (Signature) Date: Time:

TETRA TECH CONTACT PERSON: Tom Elliott @ TetraTech.com

Results by:

RECEIVING LABORATORY: Face Analytical
ADDRESS: 400 W. Bethany Drive Suite 190
CITY: Allen STATE: TX ZIP: 75013
CONTACT: Shelly Connelly PHONE: 972-727-1122
RECEIVED BY: (Signature) DATE: 8-16-13 TIME: 1437 pm

RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED:

REMARKS: * See PO 1

Please fill out all copies - Laboratory retains Yellow copy - Return Orginal copy to Tetra Tech - Project Manager retains Pink copy - Accounting receives Gold copy.

WO# 757578

Analysis Request of Chain of Custody Record

PAGE: 5 OF: 5

TETRA TECH
1910 N. Big Spring St.
Midland, Texas 79705
(432) 682-4559 • Fax (432) 682-3946

Ice/Temp 0.2°C

ANALYSIS REQUEST
(Circle or Specify Method No.)

CLIENT NAME: Conoco Phillips

SITE MANAGER: Tom Elliott

PROJECT NO.: 112MC05590

PROJECT NAME: Conoco - Elvis Tank Battery Lea Co, New Mexico

LAB I.D. NUMBER	DATE 2013	TIME	MATRIX	COMP.	GRAB	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	FILTERED (Y/N)	PRESERVATIVE METHOD: HCL	HNO3	ICE	NONE	BTEX 8021B	TX1005 (Ext. to C35)	(PH 8015 MOD.)	PAH 8270	RCRA Metals Ag As Ba Cd Cr Pb Hg Se	TCLP Metals Ag As Ba Cd Vr Pd Hg Se	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC.MS Vol. 8240/8260/624	GC.MS Semi. Vol. 8270/625	PCB's 8080/608	Pest. 808/608	Chloride	Gamma Spec.	Alpha Beta (Air)	PLM (Asbestos)	Major Anions/Cations, pH, TDS
041	8/14	-	S		G	AH-11 (0-1.0')	1				X		X	X												X				
042	"	-	"		"	AH-11 (1.5-2.0')	"				"															X				
043	"	-	"		"	AH-11 (2.5-3.0')	"				"															X				
044	8/14	-	S		G	AH-11 (3.5-4.0')	1				X															X				

RELINQUISHED BY: (Signature) Date: 8-15-2013 Time: 17:00 — RECEIVED BY: (Signature) Date: Time:

SAMPLED BY: (Print & Initial) Tom Elliott & C. G. Date: 8-14-2013 Time:

RELINQUISHED BY: (Signature) Date: Time: — RECEIVED BY: (Signature) Date: Time:

SAMPLE SHIPPED BY: (Circle) FEDEX BUS HAND DELIVERED UPS — AIRBILL #: OTHER:

RELINQUISHED BY: (Signature) Date: Time: — RECEIVED BY: (Signature) Date: Time:

TETRA TECH CONTACT PERSON: Tom.Elliott@TetraTech.com — Results by:

RECEIVING LABORATORY: Pace Analytical
ADDRESS: 400 W Bethany Drive Suite 190 — RECEIVED BY: (Signature) Stacy McAdoo
CITY: Allen STATE: TX ZIP: 75013
CONTACT: Shelly Cornell PHONE: 972-727-423 DATE: 8-16-13 TIME: 1437pm

RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED:

REMARKS: See No 1

Please fill out all copies - Laboratory retains Yellow copy - Return Orginal copy to Tetra Tech - Project Manager retains Pink copy - Accounting receives Gold copy.

Sample Condition Upon Receipt

Pace Analytical

Client Name: Conoco Phillips Pace #: 757578

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Courier ☐ LSO ☐ Pace Other _____

Tracking #: 7964 7565 8131

Custody Seal on Cooler/Box Present: ☒ yes ☐ no Seals intact: ☒ yes ☐ no ☐ N/A

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☒ Other _____

Thermometer Used (IR-01) IR-02 Type of Ice: (Wet) Blue None ☒ Samples on ice, cooling process has begun

Cooler Temperature 0.2°C Ice Visible in Sample Containers: ☒ yes ☐ no

(Corrected, if applicable)

Temp should be above freezing to 6°C Comments:

Date and Initials of person examining contents: mm 8-19-13

Sample Receiving		
Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Short Hold Time Analysis (<72hr):	☐Yes ☒No ☐N/A	5.
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	6.
Containers Intact:	☒Yes ☐No ☐N/A	7.
Sample Labels match COC: -Includes date/time/ID/Analysis	☒Yes ☐No ☐N/A	8.
All containers needing acid/base pres. have been checked? exceptions: VOA, coliform, O&G	☐Yes ☐No ☒N/A	9. (Circle) HNO3 H2SO4 NaOH HCl If applicable see below.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☒N/A	pH strip lot #: Potassium Iodide strip lot #: Lead Acetate strip lot #:
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☒N/A	10.
Trip Blank Present:	☐Yes ☐No ☒N/A	11.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	12.
Sufficient Volume:	☒Yes ☐No ☐N/A	13.
Correct Containers Used:	☒Yes ☐No ☐N/A	14.

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: 8/19/13

F-DAL-C-001rev.00 11-5-2012

Sample Container Count

Pace Analytical™ www.pacelabs.com

COC PAGE 1 of 5

COC ID# _____

Pace Project # 757578

Sample Line Item	BP2N	AG1U	VG9U	VG9H	BP2S	BP1U	BP2U	BG1H	AG1S	BP20	SP5T	WGFU	WGKU			Comments
1												1				
2												1				
3												1				
4												1				
5												1				
6												1				
7												1				
8												1				
9												1				
10												1				
11																
12																

Container Codes

DG9H	40mL HCL amber voa vial	AF	Air Filter	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber gl	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved **amber** vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	I	Wipe/Swab
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber gla	BP3A	250mL NaOh, Asc Acid plastic	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved **clear** vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag
WGKU	8oz wide jar upreserved	SP5T	120mL Coliform Na Thiosulfate	SP5U	120mL Coliform unpreserved	GN	General unpreserved
Other	Other						

F-DAL-C-003 rev.00 11-5-2012

Sample Container Count

Pace Analytical™ www.pacelabs.com

COC PAGE 2 of 5
COC ID# _____

Pace Project # 757578

Sample Line Item	BP2N	AG1U	VG9U	VG9H	BP2S	BP1U	BP2U	BG1H	AG1S	BP20	SP5T	WGFU	WGKU			Comments
1												1				
2												1				
3												1				
4												1				
5												1				
6												1				
7												1				
8												1				
9												1				
10												1				
11																
12																

Container Codes

DG9H	40mL HCL amber voa vial	AF	Air Filter	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber gl	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved **amber** vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	I	Wipe/Swab
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber gla	BP3A	250mL NaOh, Asc Acid plastic	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved **clear** vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag
WGKU	8oz wide jar upreserved	SP5T	120mL Coliform Na Thiosulfate	SP5U	120mL Coliform unpreserved	GN	General unpreserved
Other	Other						

F-DAL-C-003 rev.00 11-5-2012

Sample Container Count

Pace Analytical™ www.pacelabs.com

COC PAGE 3 of 5
COC ID# _____

Pace Project # 757578

Sample Line Item	BP2N	AG1U	VG9U	VG9H	BP2S	BP1U	BP2U	BG1H	AG1S	BP2O	SP5T	WGFU	WGKU			Comments
1												1				
2												1				
3												1				
4												1				
5												1				
6												1				
7												1				
8												1				
9												1				
10												1				
11																
12																

Container Codes

DG9H	40mL HCL amber voa vial	AF	Air Filter	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber gl	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved **amber** vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	I	Wipe/Swab
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber gla	BP3A	250mL NaOh, Asc Acid plastic	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved **clear** vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag
WGKU	8oz wide jar upreserved	SP5T	120mL Coliform Na Thiosulfate	SP5U	120mL Coliform unpreserved	GN	General unpreserved
Other	Other						

F-DAL-C-003 rev.00 11-5-2012

Sample Container Count

Pace Analytical™ www.pacelabs.com

COC PAGE 4 of 5

COC ID# _____

Pace Project # 757578

Sample Line Item	BP2N	AG1U	VG9U	VG9H	BP2S	BP1U	BP2U	BG1H	AG1S	BP20	SP5T	WGFU	WGKU			Comments
1												1				
2												1				
3												1				
4												1				
5												1				
6												1				
7												1				
8												1				
9												1				
10												1				
11																
12																

Container Codes

DG9H	40mL HCL amber voa vial	AF	Air Filter	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber gl	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved **amber** vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	I	Wipe/Swab
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber gla	BP3A	250mL NaOh, Asc Acid plastic	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved **clear** vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag
WGKU	8oz wide jar upreserved	SP5T	120mL Coliform Na Thiosulfate	SP5U	120mL Coliform unpreserved	GN	General unpreserved
Other	Other						

F-DAL-C-003 rev.00 11-5-2012

Sample Container Count

Pace Analytical™ www.pacelabs.com

COC PAGE 5 of 5
COC ID# _____

Pace Project # 757578

Sample Line Item	BP2N	AG1U	VG9U	VG9H	BP2S	BP1U	BP2U	BG1H	AG1S	BP20	SP5T	WGFU	WGKU			Comments
1												1				
2												1				
3												1				
4												1				
5																
6																
7																
8																
9																
10																
11																
12																

Container Codes

DG9H	40mL HCL amber voa vial	AF	Air Filter	BP1N	1 liter HNO3 plastic	DG9P	40mL TSP amber vial
AG1U	1liter unpreserved amber glass	AG1H	1 liter HCL amber glass	BP1S	1 liter H2SO4 plastic	DG9S	40mL H2SO4 amber vial
WGFU	4oz clear soil jar	AG1S	1 liter H2SO4 amber glass	BP1U	1 liter unpreserved plastic	DG9T	40mL Na Thio amber vial
R	terra core kit	AG1T	1 liter Na Thiosulfate amber gl	BP1Z	1 liter NaOH, Zn, Ac	DG9U	40mL unpreserved **amber** vial
BP2N	500mL HNO3 plastic	AG2N	500mL HNO3 amber glass	BP2A	500mL NaOH, Asc Acid plastic	I	Wipe/Swab
BP2U	500mL unpreserved plastic	AG2S	500mL H2SO4 amber glass	BP2O	500mL NaOH plastic	JGFU	4oz unpreserved amber wide
BP2S	500mL H2SO4 plastic	AG2U	500mL unpreserved amber gla	BP2Z	500mL NaOH, Zn Ac	U	Summa Can
BP3N	250mL HNO3 plastic	AG3U	250mL unpreserved amber gla	BP3A	250mL NaOh, Asc Acid plastic	VG9H	40mL HCL clear vial
BP3U	250mL unpreserved plastic	BG1H	1 liter HCL clear glass	BP3C	250mL NaOH plastic	VG9T	40mL Na Thio. clear vial
BP3S	250mL H2SO4 plastic	BG1S	1 liter H2SO4 clear glass	BP3Z	250mL NaOH, Zn Ac plastic	VG9U	40mL unpreserved **clear** vial
AG3S	250mL H2SO4 glass amber	BG1T	1 liter Na Thiosulfate clear gla	C	Air Cassettes	VSG	Headspace septa vial & HCL
AG1S	1 liter H2SO4 amber glass	BG1U	1 liter unpreserved glass	DG9B	40mL Na Bisulfate amber vial	WGFX	4oz wide jar w/hexane wipe
BP1U	1 liter unpreserved plastic	BP1A	1 liter NaOH, Asc Acid plastic	DG9M	40mL MeOH clear vial	ZPLC	Ziploc Bag
WGKU	8oz wide jar upreserved	SP5T	120mL Coliform Na Thiosulfate	SP5U	120mL Coliform unpreserved	GN	General unpreserved
Other	Other						

F-DAL-C-003 rev.00 11-5-2012

Shelly Connelly - RE: Report: 112MC05590/Conoco-Elvis Tank - Pace ID 757578

From: "Elliott, Tom" <Tom.Elliott@tetratech.com>
To: Shelly Connelly <Shelly.Connelly@pacelabs.com>, Steven Tischer <steve.p....
Date: 8/27/2013 2:25 PM
Subject: RE: Report: 112MC05590/Conoco-Elvis Tank - Pace ID 757578

Shelly,

Please run the next horizon below the 0-1' for TPH only. It is listed below.

Sample: AH-2 (1.5-2.0') Lab ID: 757578012 Collected: 08/14/13 00:00 Received: 08/16/13 14:37 Matrix: Solid

Thanks,

Tom Elliott | Project Manager / Environmental Scientist
Phone: 432.687.8120 | Mobile 432-631-0348 | Fax:432.682.3946
Tom.Elliott@tetratech.com

Tetra Tech | Complex World, CLEAR SOLUTIONS™
4000 N. Big Spring | Suite 401 | Midland, TX 79705 | www.tetratech.com

---

From: Shelly Connelly [mailto:Shelly.Connelly@pacelabs.com]
Sent: Tuesday, August 27, 2013 2:13 PM
To: Steven Tischer
Cc: Elliott, Tom
Subject: Report: 112MC05590/Conoco-Elvis Tank - Pace ID 757578

Attached are the results from the Conoco Elvis Tank project. Please note that sample 757578011 [AH-2 (0-1)] did have a total TPH greater than 5000. According to the notes on the bottom of the C-O-C we need to run the deeper sample if Total BTEX exceeds 50 mg/kg and/or TPH >5000 mg/kg. This sample has TPH totaling 5555 mg/kg. I need to know which of the deeper depths you would like to have run and if you need the BTEX, TPH-DRO and TPH-GRO analyzed.

These samples expire tomorrow so a prompt response is needed to insure the holding times are met please.

Thanks and have a great day!

Pace Dallas will be closed, Monday, September 2nd in observance of Labor Day.

Shelly Connelly
Client Services Manager- Dallas

Pace Analytical®

400 W. Bethany, Suite 190
Allen, TX 75013
Phone: (972) 727-1123
Fax: (972) 727-1175
Email: Shelly.Connelly@pacelabs.com

APPENDIX D
Diamondback Closure Report

HOBBS OCD

AUG 26 2014

RECEIVED

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

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

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: **ConocoPhillips**	Contact: **John Gates**
Address: **29 Vacuum Complex Lane Lovington, NM 88260**	Telephone No.: **575-391-3158**
Facility Name: **MCA Elvis Battery**	Facility Type: **Oil & Gas**

Surface Owner: **Federal**	Mineral Owner: **Federal**	**API No. 188612**

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	20	**17**	**32**					**Lea**

Latitude: 32 49' 21.54" N **Longitude: 103 47' 26.052" W**

NATURE OF RELEASE

Type of Release: **Crude Oil & Produced Water**	Volume of Release ~ **4 BBLS Oil & ~473 bbls ProducedWater**	Volume Recovered : **~2 bbls oil & ~398 bbls water**
Source of Release: Release overflowed from top of North West 500 bbl oil tank	Date and Hour of Occurrence **05/17/13 Unknown Time Of occurrence**	Date and Hour of Discovery **05/17/13 @ ~0730 Hours**
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Geoffrey Leking NMOCD & Trishia Bad Bear BLM	
By Whom? John Gates	Date and Hour: **05/17/13 @ 0746 Hours**	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
Release originated from top of produced water tanks inside battery. The tanks overflowed out of top hatch onto battery location and caliche road. Transfer pumps went down which subsequently caused tanks to overflow. MSO shut in battery to stop additional fluids from being released. Spill site will be remediated in accordance with NMOCD & BLM guidelines.

Describe Area Affected and Cleanup Action Taken.*
Majority of spill was contained in surrounding caliche location and roadway with small amount running west off location onto sandy soil. Vacuum trucks were called to recover standing fluids. Approximately 2 BBLS of oil and approximately 398 bbls of water were recovered.

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

Signature: John W. Gates

Printed Name: John W. Gates

Title: LEAD HSE

E-mail Address: **John.W.Gates@conocophillips.com**

Date: 05/17/13 Phone:575-391-3158

OIL CONSERVATION DIVISION

Approved by Environmental Specialist:

Approval Date: 8-26-14 Expiration Date: 10-29-14

Conditions of Approval:
Site Sign as required
Delineate & remediate as per NMOCD guidelines Submit final C-141 by 10-29-14

Attached ☐

IRP - 3280

AUG 28 2014

ogrid 217817
NTO 1929 038926
PTO 1929 039056
FTO 1929 038452

Elvis Tank Battery

(Located in Section-20 Township 17S Range 32E)

Site Closure Plan

Presented to:

ConocoPhillips
HC 60, Box 66
Lovington, NM 88260

Prepared By:

Diamondback Disposal Services, Inc.
PO Box 2491
Hobbs, NM 88241

DISPOSAL SERVICES, INC.
P.O. Box 2491•Hobbs, NM 88241
Ph: (575) 392-9996•Fx: (575) 392-9376

August 21, 2014

Conoco Phillips
HC 60 Box 66
Lovington, NM 88260

Re: Closure Report Elvis Tank Battery

Dear Mr. Wright,

Diamondback Disposal Services, Inc. (Diamondback) would like to take this time to thank you and Conoco Phillips for the opportunity to be of service in the remediation of the above-mentioned site. Please find in the following closure report: the job overview, Remediation Activities, laboratory analysis, and site map of the project.

Note: Diamondback Disposal Services, Inc., (Diamondback) with offices at 2525 N. West County Road, Hobbs, New Mexico 88241 (the Company), has prepared this "Remediation Report" for the Elvis Tank Battery, to the best of its ability. No warranty, expressed or implied, is made or intended. The report was prepared for Conoco Phillips, which offices at 29 Vacuum Complex Lane, Lovington NM 88260 (the Client). All information disclosed in this plan is for internal purposes only and is considered confidential. By accepting this document, the recipient agrees to keep confidential the information contained herein. The recipient further agrees not to copy, reproduce or distribute to any third party this project plan in whole or in part, without express written permission from the Company or Client.

Once again if there is anything that Diamondback can be of assistance with, or if you have any questions, or need more data in regards to this project please call us at any time.

Sincerely

Justin Roberts
President
Diamondback Disposal Services, Inc.

Introduction

This report presents the results of remediation activities at the Elvis Tank Battery. The site is located in Section 20, Township 17S, Range 32E in Lea County, New Mexico. Impacted areas are owned by Bureau of Land Management. Diamondback Disposal Services, Inc. (Diamondback) was contacted April 7, 2014 by Mr. Justin Wright, of Conoco Phillips Inc, to perform the remediation activities at the spill site. The remediation was performed according to a NMOCD approved work plan (produced by others), which is in general accordance with the New Mexico Oil Conservation Division (NMOCD) rules and regulations. The following sections present: an overview, remediation activities, and recommendations of all remediation work performed on site.

Overview

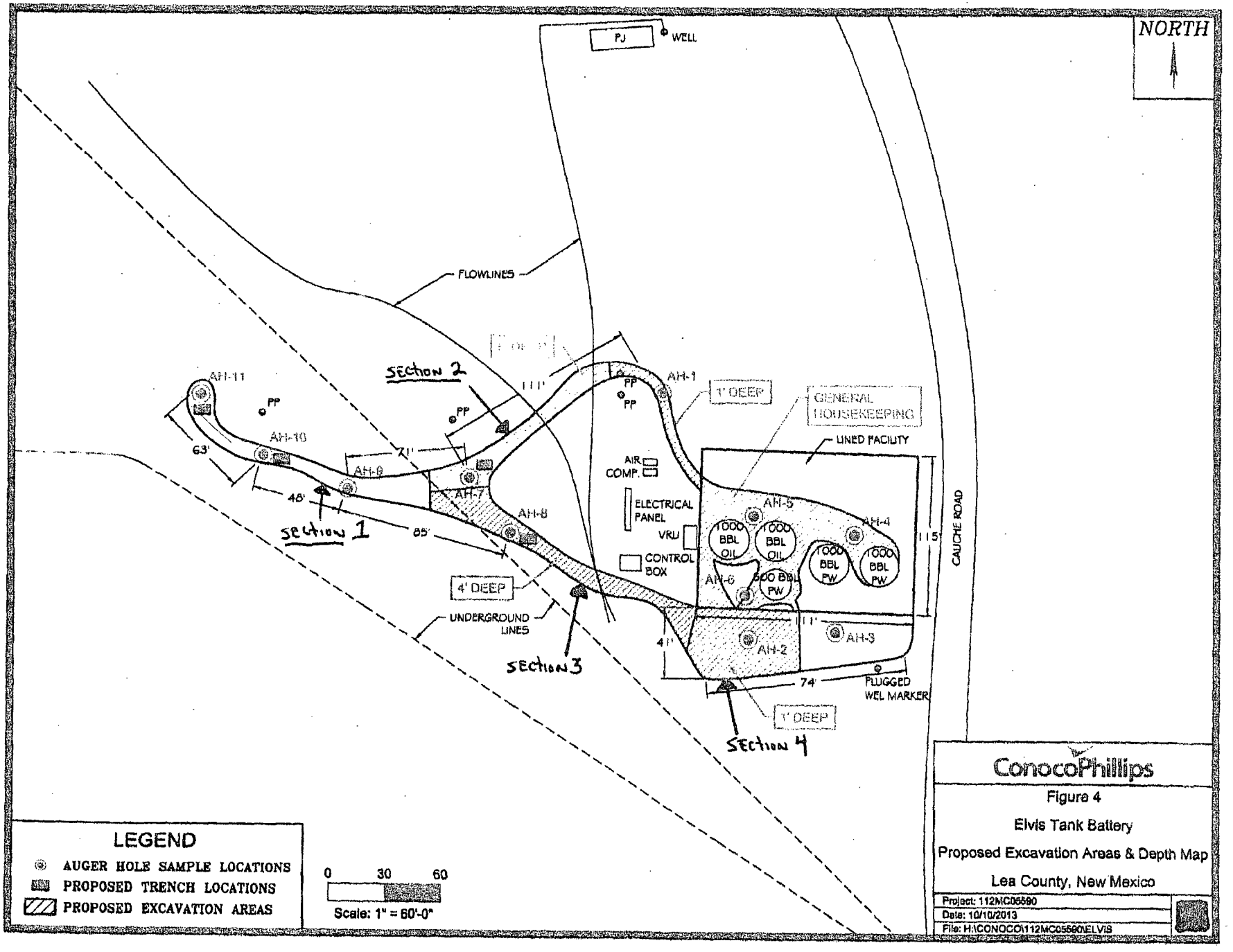
The spill site is located mostly on BLM land consisting of good grass, prairie, or range lands with a little ponding on COPC location. Transfer pumps went down in the battery causing approximately 473 bbls of produced water, and 4 bbls of oil to be lost, with approximately 398 bbls and 2bbls, respectively being recovered from the use of a vacuum truck. Approximately 4,721 square feet of BLM land was impacted. Based on the information reviewed at the State Engineers web site, there are not any wells in Section 20. The depth to groundwater in the area is estimated to be greater than 150' below ground surface (BGS), according to the NMOCD groundwater map. There were no water courses affected, no water wells within 1,000 feet, and no surface water bodies within 1,000 feet of the site, giving this site a ranking criteria score of zero. The potential contaminates of concern are mid to high-level concentrations of petroleum-based hydrocarbons and chlorides that were lost due to a leak in the well casing.

Remediation Activities

On April 14, 2014 Diamondback began excavating impacted areas defined by maps from NMOCD approved work plan. Approximately 1,284 cy of impacted soils were excavated and transported to R-360, NMOCD approved disposal facility. After approval by Dr. Tomas Oberding with NMOCD, Diamondback installed a HDPE liner cap in the extended battery area (see attached map section 4), and backfilled with clean fill. The batter floor was brought to grade and berms were re-constructed. On August 18, 2104 Diamondback collected composite samples of the walls and floors of all sections of excavation (see attached map). The samples were packaged and sent to Cardinal Laboratory (with COC) for analysis of TPH, BTEX, and Chlorides (see analytical).

Recommendations

Upon reviewing the analytical provided by the third party independent lab, it is our belief the contaminants shown to be left are well below acceptable limits for sites with ranking criteria of zero. Diamondback feels all guidelines for remediation of leaks and spills have been met. This being said we propose to backfill the excavated area with clean granular soil, contour, crown, and seed area to promote vegetation growth. Diamondback feels this method will significantly reduce migration of impacted material through the vadose zone therefore leaving the site in a manner that will pose very little if any future environmental threat.


NORTH
PJ
WELL
FLOWLINES
SECTION 2
AH-11
AH-10
AH-9
AH-7
AH-8
AH-1
1' DEEP
GENERAL HOUSEKEEPING
LINED FACILITY
AIR COMP.
ELECTRICAL PANEL
VRU
CONTROL BOX
AH-5
AH-4
AH-6
1000 BBL OIL
1000 BBL OIL
1000 BBL PW
1000 BBL PW
500 BBL PW
AH-2
AH-3
4' DEEP
UNDERGROUND LINES
SECTION 1
SECTION 3
SECTION 4
CAUCHE ROAD
PLUGGED WEL MARKER
63'
48'
85'
71'
111'
115'
41'
74'
LEGEND
AUGER HOLE SAMPLE LOCATIONS
PROPOSED TRENCH LOCATIONS
PROPOSED EXCAVATION AREAS
0 30 60
Scale: 1" = 60'-0"
ConocoPhillips
Figure 4
Elvis Tank Battery
Proposed Excavation Areas & Depth Map
Lea County, New Mexico
Project: 112MC05590
Date: 10/10/2013
File: H:\CONOCO\112MC05590\ELVIS

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 19, 2014

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: ELVIS TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/18/14 11:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
JUSTIN ROBERTS
P. O. BOX 2491
HOBBS NM, 88241
Fax To: (575) 392-9376

Received:	08/18/2014	Sampling Date:	08/18/2014
Reported:	08/19/2014	Sampling Type:	Soil
Project Name:	ELVIS TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

Sample ID: SEC 1 S. WALL (H402521-01)

BTEX 8021B mg/kg Analyzed By: ck

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/18/2014	ND	1.86	93.1	2.00	7.43	
Toluene*	<0.050	0.050	08/18/2014	ND	1.69	84.7	2.00	8.53	
Ethylbenzene*	<0.050	0.050	08/18/2014	ND	1.89	94.7	2.00	8.08	
Total Xylenes*	<0.150	0.150	08/18/2014	ND	5.63	93.8	6.00	8.05	
Total BTEX	<0.300	0.300	08/18/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL *104 %* *89.4-126*

Chloride, SM4500Cl-B mg/kg Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**816**	16.0	08/18/2014	ND	400	100	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/18/2014	ND	180	90.0	200	0.458	
DRO >C10-C28	<10.0	10.0	08/18/2014	ND	182	90.8	200	2.60	

Surrogate: 1-Chlorooctane *90.5 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *99.0 %* *63.6-154*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
JUSTIN ROBERTS
P. O. BOX 2491
HOBBS NM, 88241
Fax To: (575) 392-9376

Received:	08/18/2014	Sampling Date:	08/18/2014
Reported:	08/19/2014	Sampling Type:	Soil
Project Name:	ELVIS TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

Sample ID: SEC 1 N. WALL (H402521-02)

BTEX 8021B mg/kg Analyzed By: ck

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/18/2014	ND	1.86	93.1	2.00	7.43	
Toluene*	<0.050	0.050	08/18/2014	ND	1.69	84.7	2.00	8.53	
Ethylbenzene*	<0.050	0.050	08/18/2014	ND	1.89	94.7	2.00	8.08	
Total Xylenes*	<0.150	0.150	08/18/2014	ND	5.63	93.8	6.00	8.05	
Total BTEX	<0.300	0.300	08/18/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL *103 %* *89.4-126*

Chloride, SM4500Cl-B mg/kg Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	08/18/2014	ND	400	100	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/18/2014	ND	180	90.0	200	0.458	
DRO >C10-C28	**365**	10.0	08/18/2014	ND	182	90.8	200	2.60	

Surrogate: 1-Chlorooctane *90.5 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *114 %* *63.6-154*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
JUSTIN ROBERTS
P. O. BOX 2491
HOBBS NM, 88241
Fax To: (575) 392-9376

Received:	08/18/2014	Sampling Date:	08/18/2014
Reported:	08/19/2014	Sampling Type:	Soil
Project Name:	ELVIS TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

Sample ID: SEC 1 FLOOR (H402521-03)

BTEX 8021B mg/kg Analyzed By: ck

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/18/2014	ND	1.86	93.1	2.00	7.43	
Toluene*	<0.050	0.050	08/18/2014	ND	1.69	84.7	2.00	8.53	
Ethylbenzene*	<0.050	0.050	08/18/2014	ND	1.89	94.7	2.00	8.08	
Total Xylenes*	<0.150	0.150	08/18/2014	ND	5.63	93.8	6.00	8.05	
Total BTEX	<0.300	0.300	08/18/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *89.4-126*

Chloride, SM4500Cl-B mg/kg Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	08/18/2014	ND	400	100	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/18/2014	ND	180	90.0	200	0.458	
DRO >C10-C28	<10.0	10.0	08/18/2014	ND	182	90.8	200	2.60	

Surrogate: 1-Chlorooctane *84.0 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *93.8 %* *63.6-154*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
JUSTIN ROBERTS
P. O. BOX 2491
HOBBS NM, 88241
Fax To: (575) 392-9376

Received:	08/18/2014	Sampling Date:	08/18/2014
Reported:	08/19/2014	Sampling Type:	Soil
Project Name:	ELVIS TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

Sample ID: SEC 2 S. WALL (H402521-04)

BTEX 8021B mg/kg Analyzed By: ck

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/18/2014	ND	1.86	93.1	2.00	7.43	
Toluene*	<0.050	0.050	08/18/2014	ND	1.69	84.7	2.00	8.53	
Ethylbenzene*	<0.050	0.050	08/18/2014	ND	1.89	94.7	2.00	8.08	
Total Xylenes*	<0.150	0.150	08/18/2014	ND	5.63	93.8	6.00	8.05	
Total BTEX	<0.300	0.300	08/18/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID 101 % 89.4-126

Chloride, SM4500Cl-B mg/kg Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/18/2014	ND	400	100	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/18/2014	ND	180	90.0	200	0.458	
DRO >C10-C28	<10.0	10.0	08/18/2014	ND	182	90.8	200	2.60	

Surrogate: 1-Chlorooctane 96.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 106 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
JUSTIN ROBERTS
P. O. BOX 2491
HOBBS NM, 88241
Fax To: (575) 392-9376

Received:	08/18/2014	Sampling Date:	08/18/2014
Reported:	08/19/2014	Sampling Type:	Soil
Project Name:	ELVIS TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

Sample ID: SEC 2 N. WALL (H402521-05)

BTEX 8021B mg/kg Analyzed By: ck

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/18/2014	ND	1.86	93.1	2.00	7.43	
Toluene*	<0.050	0.050	08/18/2014	ND	1.69	84.7	2.00	8.53	
Ethylbenzene*	<0.050	0.050	08/18/2014	ND	1.89	94.7	2.00	8.08	
Total Xylenes*	<0.150	0.150	08/18/2014	ND	5.63	93.8	6.00	8.05	
Total BTEX	<0.300	0.300	08/18/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID 102 % 89.4-126

Chloride, SM4500Cl-B mg/kg Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/18/2014	ND	400	100	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/18/2014	ND	180	90.0	200	0.458	
DRO >C10-C28	<10.0	10.0	08/18/2014	ND	182	90.8	200	2.60	

Surrogate: 1-Chlorooctane 92.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 103 % 63.6-154

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
JUSTIN ROBERTS
P. O. BOX 2491
HOBBS NM, 88241
Fax To: (575) 392-9376

Received:	08/18/2014	Sampling Date:	08/18/2014
Reported:	08/19/2014	Sampling Type:	Soil
Project Name:	ELVIS TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

Sample ID: SEC 2 FLOOR (H402521-06)

BTEX 8021B mg/kg Analyzed By: ck

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/18/2014	ND	1.86	93.1	2.00	7.43	
Toluene*	<0.050	0.050	08/18/2014	ND	1.69	84.7	2.00	8.53	
Ethylbenzene*	<0.050	0.050	08/18/2014	ND	1.89	94.7	2.00	8.08	
Total Xylenes*	<0.150	0.150	08/18/2014	ND	5.63	93.8	6.00	8.05	
Total BTEX	<0.300	0.300	08/18/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL *103 %* *89.4-126*

Chloride, SM4500Cl-B mg/kg Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	08/18/2014	ND	400	100	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/18/2014	ND	180	90.0	200	0.458	
DRO >C10-C28	<10.0	10.0	08/18/2014	ND	182	90.8	200	2.60	

Surrogate: 1-Chlorooctane *99.8 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *106 %* *63.6-154*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
JUSTIN ROBERTS
P. O. BOX 2491
HOBBS NM, 88241
Fax To: (575) 392-9376

Received:	08/18/2014	Sampling Date:	08/18/2014
Reported:	08/19/2014	Sampling Type:	Soil
Project Name:	ELVIS TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

Sample ID: SEC 3 N. WALL (H402521-07)

BTEX 8021B mg/kg Analyzed By: ck

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/18/2014	ND	1.86	93.1	2.00	7.43	
Toluene*	<0.050	0.050	08/18/2014	ND	1.69	84.7	2.00	8.53	
Ethylbenzene*	<0.050	0.050	08/18/2014	ND	1.89	94.7	2.00	8.08	
Total Xylenes*	<0.150	0.150	08/18/2014	ND	5.63	93.8	6.00	8.05	
Total BTEX	<0.300	0.300	08/18/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL *102 %* *89.4-126*

Chloride, SM4500Cl-B mg/kg Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/18/2014	ND	400	100	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/18/2014	ND	180	90.0	200	0.458	
DRO >C10-C28	<10.0	10.0	08/18/2014	ND	182	90.8	200	2.60	

Surrogate: 1-Chlorooctane *93.3 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *99.9 %* *63.6-154*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
JUSTIN ROBERTS
P. O. BOX 2491
HOBBS NM, 88241
Fax To: (575) 392-9376

Received:	08/18/2014	Sampling Date:	08/18/2014
Reported:	08/19/2014	Sampling Type:	Soil
Project Name:	ELVIS TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

Sample ID: SEC 3 S. WALL (H402521-08)

BTEX 8021B mg/kg Analyzed By: ck

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/18/2014	ND	1.86	93.1	2.00	7.43	
Toluene*	<0.050	0.050	08/18/2014	ND	1.69	84.7	2.00	8.53	
Ethylbenzene*	<0.050	0.050	08/18/2014	ND	1.89	94.7	2.00	8.08	
Total Xylenes*	<0.150	0.150	08/18/2014	ND	5.63	93.8	6.00	8.05	
Total BTEX	<0.300	0.300	08/18/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *89.4-126*

Chloride, SM4500Cl-B mg/kg Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/18/2014	ND	400	100	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/18/2014	ND	180	90.0	200	0.458	
DRO >C10-C28	<10.0	10.0	08/18/2014	ND	182	90.8	200	2.60	

Surrogate: 1-Chlorooctane *87.0 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *98.4 %* *63.6-154*

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
JUSTIN ROBERTS
P. O. BOX 2491
HOBBS NM, 88241
Fax To: (575) 392-9376

Received:	08/18/2014	Sampling Date:	08/18/2014
Reported:	08/19/2014	Sampling Type:	Soil
Project Name:	ELVIS TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

Sample ID: SEC 3 FLOOR (H402521-09)

BTEX 8021B mg/kg Analyzed By: ck

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/18/2014	ND	1.86	93.1	2.00	7.43	
Toluene*	<0.050	0.050	08/18/2014	ND	1.69	84.7	2.00	8.53	
Ethylbenzene*	<0.050	0.050	08/18/2014	ND	1.89	94.7	2.00	8.08	
Total Xylenes*	<0.150	0.150	08/18/2014	ND	5.63	93.8	6.00	8.05	
Total BTEX	<0.300	0.300	08/18/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL *104 %* *89.4-126*

Chloride, SM4500Cl-B mg/kg Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/18/2014	ND	400	100	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/18/2014	ND	180	90.0	200	0.458	
DRO >C10-C28	<10.0	10.0	08/18/2014	ND	182	90.8	200	2.60	

Surrogate: 1-Chlorooctane *92.2 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *103 %* *63.6-154*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
JUSTIN ROBERTS
P. O. BOX 2491
HOBBS NM, 88241
Fax To: (575) 392-9376

Received:	08/18/2014	Sampling Date:	08/18/2014
Reported:	08/19/2014	Sampling Type:	Soil
Project Name:	ELVIS TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALJAMAR, NM		

Sample ID: SEC 4 FLOOR (H402521-10)

BTEX 8021B mg/kg Analyzed By: ck

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/18/2014	ND	1.86	93.1	2.00	7.43	
Toluene*	<0.050	0.050	08/18/2014	ND	1.69	84.7	2.00	8.53	
Ethylbenzene*	<0.050	0.050	08/18/2014	ND	1.89	94.7	2.00	8.08	
Total Xylenes*	<0.150	0.150	08/18/2014	ND	5.63	93.8	6.00	8.05	
Total BTEX	<0.300	0.300	08/18/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL *104 %* *89.4-126*

Chloride, SM4500Cl-B mg/kg Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2120**	16.0	08/18/2014	ND	400	100	400	0.00	

TPH 8015M mg/kg Analyzed By: CK

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/18/2014	ND	180	90.0	200	0.458	
DRO >C10-C28	<10.0	10.0	08/18/2014	ND	182	90.8	200	2.60	

Surrogate: 1-Chlorooctane *88.9 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *98.0 %* *63.6-154*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

RUSH!!

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(576) 393-2326 FAX (575) 393-2476

Company Name:	Diamondback Disposal	BILL TO P.O. #:	
Project Manager:	Justin Roberts	Company:	
Address:	P.O. Box 2491	Attn:	
City:	Hobbs State: NM Zip: 88240	Address:	
Phone #:	575-392-5996 Fax #: 575-392-5376	City:	
Project #:	Project Owner: COPC	State: Zip:	
Project Name:	Elvis Tank Battery	Phone #:	
Project Location:	Maljamar	Fax #:	
Sampler Name:	Justin Roberts		

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	TPH	BTEX	Cl
H40252																	
1	SEC 1 S. WALL	C	X			X							8-18-14	10:03	X	X	X
2	SEC 1 N. WALL	C	X			X							"	10:09	X	X	X
3	SEC 1 Floor	C	X			X							"	10:12	X	X	X
4	SEC 2 S WALL	C	X			X							"	10:16	X	X	X
5	SEC 2 N. WALL	C	X			X							"	10:25	X	X	X
6	SEC 2 Floor	C	X			X							"	10:30	X	X	X
7	SEC 3 N WALL	C	1			X							"	10:32	X	X	X
8	SEC 3 S WALL	C	1			X							"	10:39	X	X	X
9	SEC 3 Floor	C	1			X							"	10:45	X	X	X
10	SEC 4 Floor	C	1			X							"	10:50	X	X	X

Relinquished By:	Date: 8-18-14	Received By:	Phone Result: ☐ Yes ☐ No	Add'l Phone #:	
Relinquished By:	Time: 11:45	Received By: Jodi Henson	Fax Result: ☐ Yes ☐ No	Add'l Fax #:	
	Date:		REMARKS: diamondback2491@yahoo.com		
	Time:				
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	4.2°C	Sample Condition Cool: Yes / No Intact: Yes / No	CHECKED BY: (Initials)		

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

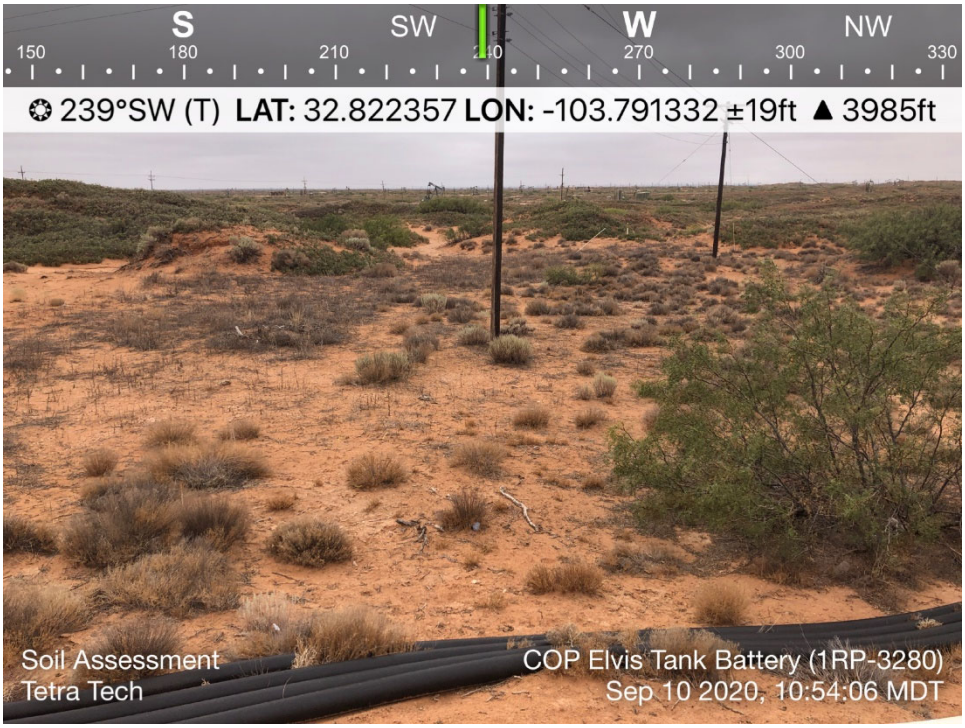
#54

APPENDIX E
Photographic Documentation

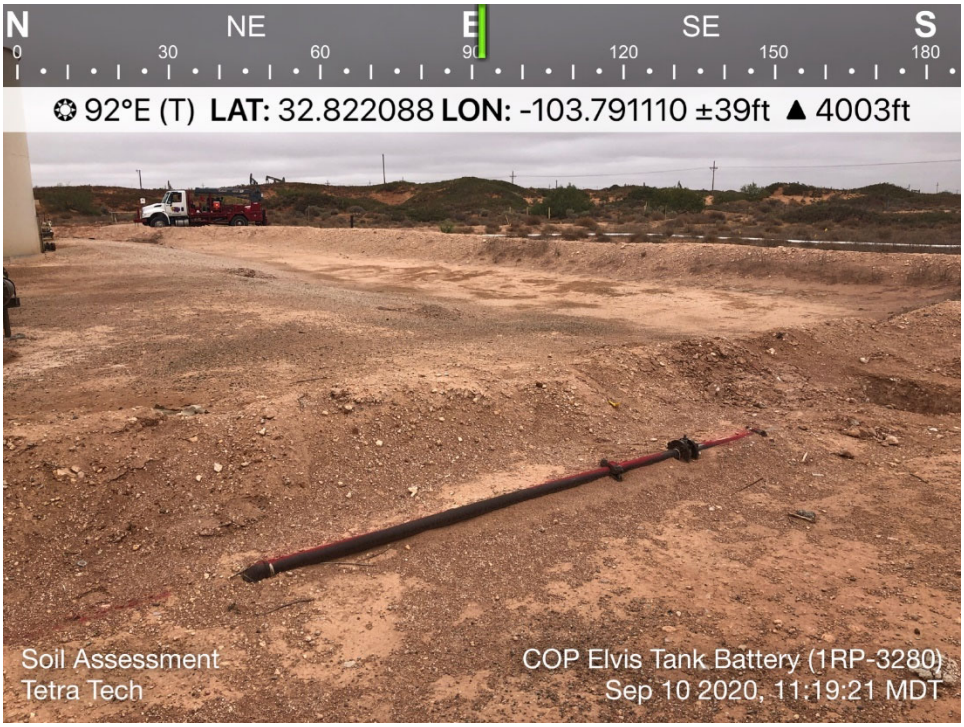
TETRA TECH, INC. PROJECT NO. 212C-MD-02304	DESCRIPTION	View southeast. Western edge of lease pad in northern portion of the release footprint.	1
	SITE NAME	Elvis Tank Battery Release – 1RP-3280	9/10/2020

TETRA TECH, INC. PROJECT NO. 212C-MD-02304	DESCRIPTION	View southeast. Overview of western portion of release footprint.	2
	SITE NAME	Elvis Tank Battery Release – 1RP-3280	9/10/2020

TETRA TECH, INC. PROJECT NO. 212C-MD-02304	DESCRIPTION	View southeast. Central portion of release footprint west of the lease pad.	3
	SITE NAME	Elvis Tank Battery Release – 1RP-3280	9/10/2020



TETRA TECH, INC. PROJECT NO. 212C-MD-02304	DESCRIPTION	View southwest. Western extent of release footprint.	4
	SITE NAME	Elvis Tank Battery Release – 1RP-3280	9/10/2020



TETRA TECH, INC. PROJECT NO. 212C-MD-02304	DESCRIPTION	View east. Extended and lined tank battery firewall.	5
	SITE NAME	Elvis Tank Battery Release – 1RP-3280	9/10/2020

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 13928

CONDITIONS

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 13928
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bbillings	None	11/30/2021