Received by OCD: 4/1/2022 8:17:08 AM State of New Mexico
Page 6 Oil Conservation Division

Incident ID
District RP
Facility ID
Application ID

Closure

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

Closure Report Attachment Checklist: Each of the following is	tems must be included in the closure report.
☐ A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
☐ Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rerhuman health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification to the O	ntions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in CD when reclamation and re-vegetation are complete.
Printed Name:	_ Title:
Signature: Thile	Date: 3-8-22
Printed Name:	Telephone:432-687-7108
OCD Only	
Received by:	Date:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by:	Date:
Printed Name:	Title:



CLOSURE REQUEST REPORT

Chevron Corporation
Quail Queen Unit #001
Lea County, New Mexico
Unit Letter "O", Section 11, Township 19 South, Range 34 East
Latitude 32.66943° North, Longitude 103.52890° West
NMOCD Reference #: nJXK1604136243

Prepared For:

Chevron Corporation 6301 Deauville Blvd. Midland, TX 79706

Prepared By:

Etech Environmental & Safety Solutions, Inc. P.O. Box 62228 Midland, Texas 79711

March 3, 2022

Blake Estep Project Manager

Black Eith

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- Figure 2 Aerial Proximity Map
- Figure 3 Site and Sample Location Map

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Table 1 – Concentrations of Benzene, BTEX, TPH, and Chlorides in Soil

APPENDICES

- Appendix A Depth to Groundwater Information
- Appendix B Photographic Documentation
- Appendix C Analytical Reports
- Appendix D Release Notification and Corrective Action (Form C-141)

INTRODUCTION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Chevron Corporation, has prepared this Closure Request for the release site known as Quail Queen Unit #001. The legal description of the release site is Unit Letter "O", Section 11, Township 19 South, Range 34 East, in Lea County, New Mexico. The release site GPS coordinates are 32.66943° North and 103.52890° West. A "Site Location Topographic Map" is provided as Figure 1. A copy of the New Mexico Oil Conservation Division (NMOCD) Release Notification and Corrective Action (Form C-141) is provided in Appendix D.

On August 26, 2011, a produced water pipeline ruptured causing the release at the Quail Queen Unit #001 site (Release Site). Approximately sixty (60) barrels of produced water was release on the caliche pad. Approximately fifty (50) barrels of produced water was recovered with vacuum trucks.

Photographic documentation of the release site is provided as Appendix B.

NMOCD SITE CLASSIFICATION

A search of the groundwater database maintained by United States Geological Survey (USGS) identified that there are no freshwater wells within a half (1/2) mile of the release site. The closest freshwater well (USGS Well #:324016103301701) is approximately 1.40 miles east of the release site. The USGS database indicated groundwater should be encountered at approximately seventy-four (74) feet below ground surface (bgs). On October 18, 2005, Environmental Plus, Inc. conducted a site characterization assessment for the incident (nPAC0606153274), their assessment consisted of two (2) soil borings to approximate depths of forty-five (45) and sixty-five (65) feet bgs. No ground water was encountered in either of the soil borings (refer to Appendix A). No surface water or water wells were observed within one thousand (1,000) feet of the release site. The Quail Queen Unit #001 is not considered to be in a karst area and is considered stable. An "Aerial Proximity Map" is provided as Figure 2.

Based on the NMOCD site classification system, the following soil remediation levels were assigned to the Quail Queen Unit #001 site as a result of this criteria:

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

INITIAL SITE ASSESSMENT AND DELINEATION

On January 6, 2022, Etech conducted an assessment and sampling event at the Quail Queen Unit #001 to determine the condition of the soil where it was believed the spill had occurred. Two (2) soil borings were installed, and samples were collected at six (6) inch and forty-eight (48) inch intervals bgs unless refusal was met (refer to Figure 3). Refusal was met at a depth of thirty (30) inches bgs in Auger Hole 1 (AH-1) and twelve (12) inches bgs in Auger Hole 2 (AH-2). Samples were submitted to Xenco Eurofins to be analyzed for total petroleum hydrocarbons (TPH), chlorides, and benzene, toluene, ethylbenzene & xylenes (BTEX) concentrations. A "Site and Sample Location Map" is provided as Figure 3.

Laboratory results indicated TPH, chloride, and BTEX concentrations were below the NMOCD Closure Criteria and/or the NMOCD Reclamation Standards in each of the submitted soil samples (refer to Table 1).

Analytical reports are provided as Appendix C.

SITE CLOSURE REQUEST

Laboratory analytical results indicate TPH, chloride, and BTEX concentrations were below the NMOCD Closure Criteria and/or the NMOCD Reclamation Standards in each of the submitted soil samples. Based on laboratory analytical results and field observations made during the initial site assessment, the affected area appears to be restored to its original condition and vegetation growth has been occurring at a steady rate. Etech, on behalf of Chevron Corporation, respectfully request that the NMOCD Office grant site closure to the Quail Queen Unit #001 (NMOCD Incident ID: nJXK1604136243).

LIMITATIONS

Etech has prepared this Closure Request Report to the best of its ability. No other warranty, expressed or implied, is made or intended. Etech has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. Etech has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. Etech has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Etech also notes that the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report. This report has been prepared for the benefit of Chevron Corporation. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of Etech and/or Chevron Corporation.

DISTRIBUTION

Copy 1: New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division 1220 S. St. Francis Drive Santa Fe, New Mexico 87505

Copy 2: Amy Barnhill

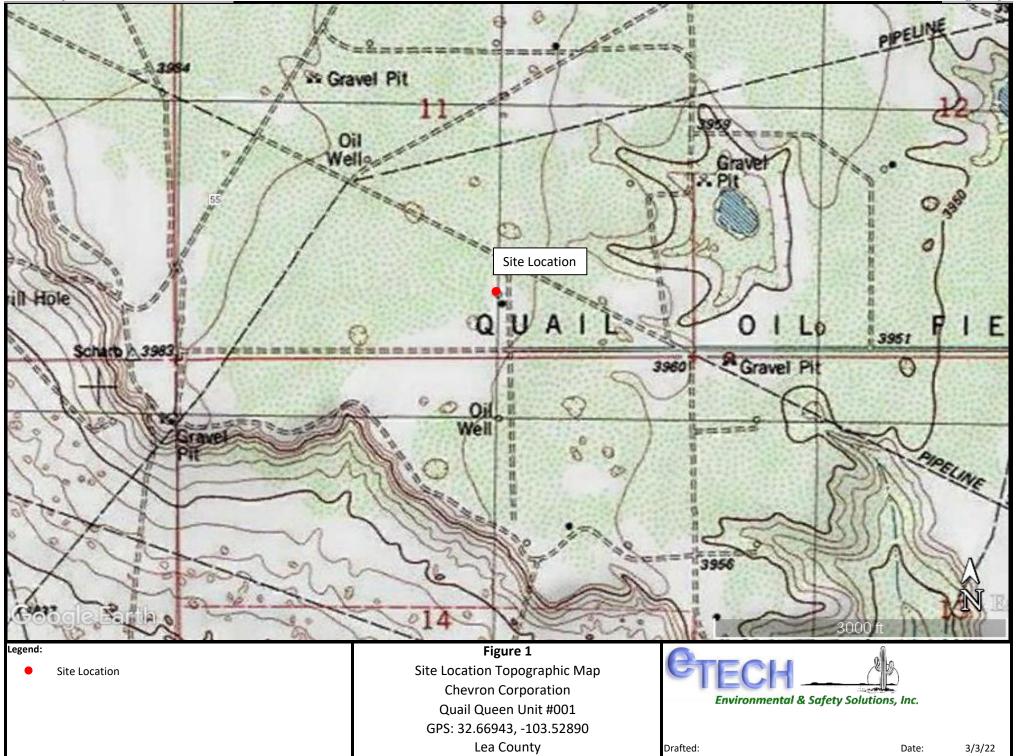
Chevron Corporation 6301 Deauville Bulverde Midland, Texas 79706

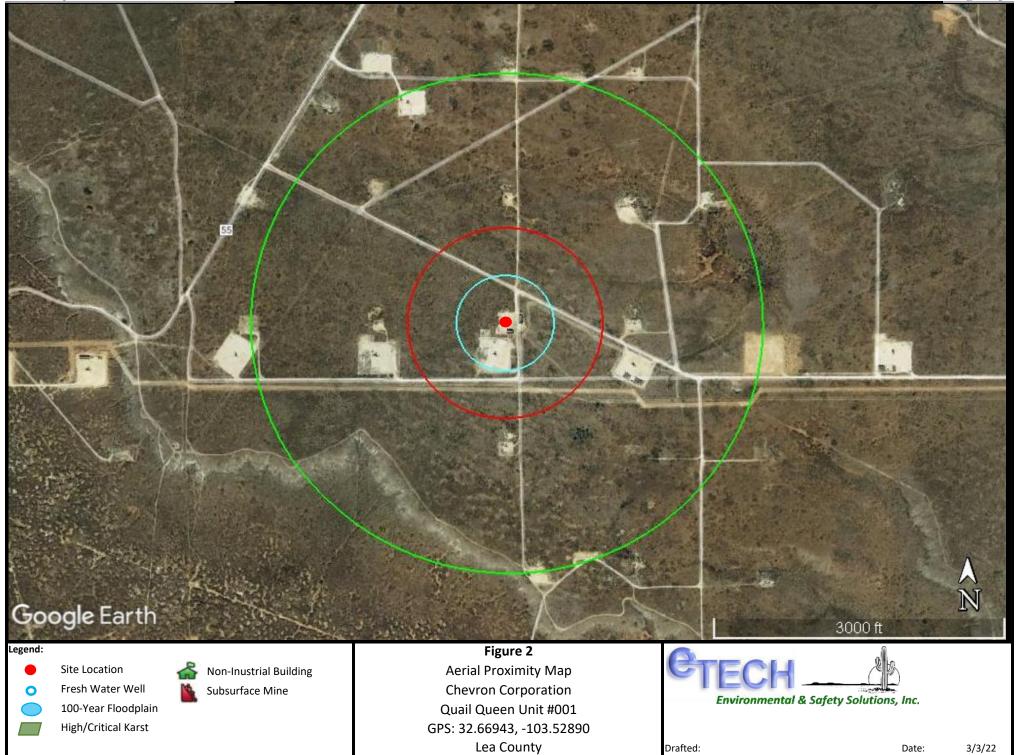
Copy 3: Etech Environmental & Safety Solutions, Inc.

P.O. Box 62228

Midland, Texas 79711

FIGURES







TABLES

TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL

CHEVRON CORPORATION

Quail Queen Unit #001

LEA COUNTY, NEW MEXICO
All concentrations are reported in mg/Kg

		SAMDI F		:	METHODS:	SW 846-80211	В		METHOD: SW 8015M					E 300.0
SAMPLE LOCATION	DEPTH	SAMPLE DATE	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C ₆ -C ₁₂	TPH DRO C ₁₂ -C ₂₈	TPH ORO C ₂₈ -C ₃₅	TOTAL TPH C ₆ -C ₃₅	CHLORIDE
			10 mg/Kg						50 mg/Kg				100 mg/Kg	600 mg/Kg
AH-1	0-6''	1/6/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,870
AH-1	24-30"	1/6/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,500
AH-2	0-6''	1/6/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	64.1
AH-2	6-12''	1/6/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	15

Bold and Yellow Highlighted indicates Analyte Above NMOCD Regulatory Limit

ND - Analyte Not Detected at or above the laboratory reporting limit

^{** -} Sample area was eliminated during further excavation activities.

APPENDICES

Appendix A – Depth to Groundwater Information

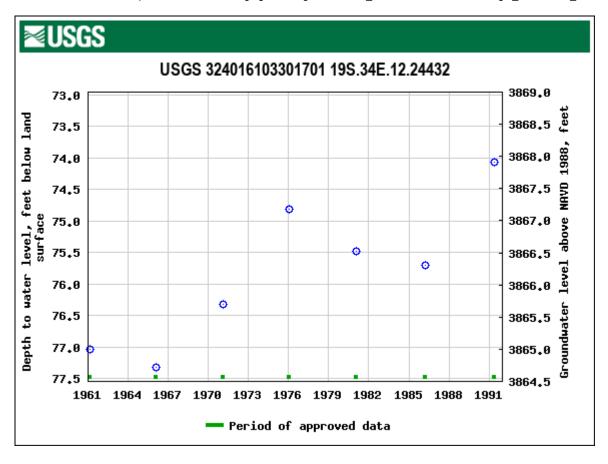


New Mexico Office of the State Engineer Water Column/Average Depth to Water

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 637940.55 **Northing (Y):** 3615596.87 **Radius:** 804







Site Location

USGS Water Well

Figure 4

USGS Well Proximity Map Chevron Corporation Quail Queen Unit #001 GPS: 32.66943, -103.52890 Lea County



Drafted:

Date:

3/3/22

Micro-Blaze Micro-Blaze Oxfi

STATE APPROVED LAND FARM AND ENVIRONMENTAL SURVICES

6 December 2005

Mr. Larry Johnson Environmental Engineer Specialist New Mexico Oil Conservation Division 1625 North French Drive Hobbs, New Mexico 88240

RE: Site Characterization

Chesapeake Energy-Quail State SWD (Ref. #160030)

UL-O of Section 11, T19S, R34E

Dear Mr. Johnson:

On September 17, 2005, approximately 115 barrels (bbls) of fluid were released onto the ground surface after lightening struck a 500 bbl fiberglass produced water tank. Approximately 55 bbls of production fluid were recovered by a vacuum truck with the remaining fluid seeping into the soil. Chesapeake Energy Corporation (Chesapeake) retained Environmental Plus, Inc. (EPI) in September 2005 to delineate the vertical extent of impacted soil at the site. This letter report documents the results of the delineation activities and recommends remedial procedures for cleanup of the impacted soil.

Site Background

The site is located in the SW¼ of the SE¼ of Section 11, Township 19 South, Range 34 East at an elevation of approximately 3,792 feet above mean sea level (reference Figures 1 and 2). The property is owned by the State of New Mexico. A search for area water wells was completed utilizing the New Mexico Office of the State Engineers website and a database maintained by the United States Geological Survey (USGS). No wells (domestic, agriculture or public) or bodies of surface water exist within a 1,000- foot radius of the site (reference Figure 2). However, there are three (3) water supply wells located within a 1.0- mile radius of the release area. Groundwater level data indicates an average water depth of approximately 76 feet below ground surface in the area (reference Table 1). Therefore, based on available information, it was determined the distance between the contamination and groundwater is approximately 70 feet. Utilizing this information, the New Mexico Oil Conservation Division (NMOCD) Remedial Goals for this site are determined as follows:

API#3025255360000 incident-nfAC0606153274 pplication-pAC0606153459

Parameter	Remedial Goal
Benzene	10 parts per million
BTEX	50 parts per million
ТРН	1,000 parts per million

^{*} Chloride residuals may not be capable of impacting local groundwater above NMWQCC Standard of 250 mg/Kg

P.O. Box 1558

2100 AVENUE O

EUNICE. NEW MEXICO 88231

Field Work

On September 19, 2005, EPI performed an assessment of the surface area damage caused by the spill. The total spill area was surveyed and classified as a primary release area consisting of approximately 16,500 square feet (sf).

On October 18, 2005, EPI mobilized at the site to direct the placement and depth of two (2) soil borings within the perimeter of the release area to delineate the vertical extent of production fluid impacted soil (reference *Figure 4*). During the advancement of the soil borings, samples were collected at 5-foot intervals with a portion of the sample placed in a laboratory provided container and the remainder placed in a self sealing polyethylene bag. The samples in the laboratory provided containers were immediately placed on ice for transport to Environmental Lab of Texas in Odessa, Texas, for quantification of benzene, toluene, ethylbenzene and total xylenes (BTEX), gasoline range organics (GRO), diesel range organics (DRO) and chlorides. The portions of the samples in the self-sealing polyethylene bags were placed in a heated environment (i.e., cab of a truck) to allow the volatilization of organic vapors. After the samples had been allowed to equilibrate to $\approx 70^{\circ}$ F, they were analyzed for the presence of organic vapors utilizing a MiniRae® photoionozation detector (PID) equipped with a 9.8 electron-volt (eV) lamp. In addition, the samples were analyzed in the field for the presence of chlorides using a LaMotte Chloride Test Kit.

The soil borings were advanced to a depth of 45 feet (BH-1) and 65 feet (BH-2) below ground surface (bgs) with samples being collected at 2-feet and 5-feet depths initially then at 5-foot intervals to total depth (TD) of the soil borings. Field analyses of the samples collected during the advancement of soil boring BH-1 indicated the presence of organic vapor concentrations ranging from 1.5 parts per million (ppm) at 20 feet bgs to 4.4 ppm at 2 feet bgs. Field analyses for chloride indicated concentrations ranging from 240 milligrams per kilogram (mg/Kg) at 45 feet bgs to 3,540 mg/Kg at 2 feet bgs. Field analyses of the samples collected during the advancement of soil boring BH-2 indicated the presence of organic vapor concentrations ranging from 1.1 ppm at 20 feet bgs to 3.0 ppm at 15 feet bgs. Field analyses for chlorides indicated concentrations ranging from 240 mg/Kg at 65 feet bgs to 3,120 mg/Kg at 2 feet bgs (reference *Table 1*).

During the advancement of the soil boring, the lithology was defined as caliche from ground surface to a depth of approximately 20 feet bgs, underlain by light tan sand from a depth of approximately 20 feet bgs to TD of each wells respective bore hole (reference *Attachment II*).

Analytical Data

Analytical results for soil samples collected from BH-1 at 2-feet bgs indicated TPH concentrations of 18.7 mg/Kg while benzene and BTEX were not detected at or above laboratory method detection limits (MDL). Samples collected at 5-feet bgs showed traces of toluene (0.0259mg/Kg), ethylene benzene (0.0657 mg/Kg), m,p-xylenes (0.2680 mg/Kg), o-xylene (0.0890 mf/Kg) and BTEX (0.4486 mg/Kg) while TPH was not detected at or above laboratory MDL (reference *Table 1*).

Analytical results from samples collected from BH-2 at 2-feet and 5-feet bgs indicated benzene, BTEX and TPH were not detected at or above laboratory MDL (reference *Table 1*).

Chloride concentrations for the samples obtained during the advancement of soil boring BH-1 were reported ranging from 3,710 mg/Kg at 2-feet bgs to 214 mg/Kg at 15-feet bgs. Chloride concentrations for the samples obtained during the advancement of soil boring for BH-2 were reported ranging from 1,862 mg/Kg at 2-feet bgs to 172 mg/Kg at 15- feet. However, the concentrations from ground level to 5-feet bgs are above the New Mexico Water Quality Control Commission's (NMWQCC) standards for groundwater of 250 mg/Kg. Chloride concentrations from 5-feet bgs to total depth of well borings are below the 250 mg/Kg groundwater standards for both BH-1 and BH-2 (reference Table 1).

Summary

Analytical results for the samples collected during the advancement of soil borings for BH-1 indicate soil is slightly impacted with benzene, BTEX and TPH to a depth of approximately 5-feet bgs while samples for BH-2 indicate no impacted soil. However, the soil from BH-1 and BH-2 is impacted with chlorides which exceed NMOCD Remedial Goals as set forth in the Site Background section and could possibly impact groundwater above New Mexico Water Quality Control Commission's (NMWQCC) standards of 250 mg/Kg groundwater standards.

Based on field and analytical analysis, soil impacted above the NMOCD remedial thresholds extends to a depth of approximately 5-feet bgs within the confines of the release area (reference *Figure 3*). The release area is approximately 16,500 square feet in size, resulting in approximately 3,060 cubic yards of soil (*in situ*) impacted above NMOCD remedial guidelines for this site. It is unlikely that soil impacted above the NMOCD remedial guidelines for this site extends completely to 5 feet bgs across the entire release area and the actual volume of impacted soil may be less than 3,060 cubic yards.

Should you have any questions or concerns, please feel free to contact me at (505) 394-3481 or via e-mail at dduncan@envplus.net. Upon your approval, EPI will initiate the next phase of site remediation. All official correspondence should be submitted to Mr. Bradley Blevins at:

Mr. Bradley Blevins Chesapeake Energy Corporation P.O. Box 190 Hobbs, NM 88240-0190

(505) 391-1462, ext. 6224 bblevins@chkenergy.com

Sincerely,

ENVIRONMENTAL PLUS, INC.

David P. Duncan Civil Engineer

cc: Bradley Blevins, Chesapeake Energy-Hobbs, NM Curtis Blake, Chesapeake Energy-Hobbs, NM Jace Marshall, Chesapeake Energy-Oklahoma City, OK Myra Meyers, New Mexico State Land Office, Hobbs, NM Cody Morrow, New Mexico State Land Office, Santa Fe, NM

encl. Figure 1 – Area Map

Figure 2 – Site Location Map

Figure 3 – Site Map

Figure 4 – Soil Boring Location Map

Table 1 – Summary of Soil Boring Analytical Results

Table 2 – Well Data

Attachment I – Site Photographs

Attachment II - Laboratory Results and Chain-of-Custody Form

Attachment III - Soil Boring Logs

Attachment IV – Copy of Initial C-141

TABLES

TABLE 1
Summary of Soil Boring Analytical Results

Chesapeake Energy Quail State SWD (Ref.#160030)

Soil Boring	Depth (feet)	Sample Date	PID Reading	Field Chloride	Benzene	Toluene	Ethylbenzene	m,p-Xylenes	o-Xylene	Total BTEX	TPH (as gasoline)	TPH (as diesel)	Total TPH	Chloride
	(1000)		(ppm)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
	2	18-Oct-05	4.4	3540	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	<10.0	18.7	18.7	3710
	5	18-Oct-05	2	450	< 0.0250	0.0259	0.0657	0.2680	0.0890	0.4486	<10.0	<10.0	<10.0	:652
	10	18-Oct-05	5	400					1	1.				133
	15	18-Oct-05	2.3	480						•				214
BH-1	20	18-Oct-05	1.5	400	-						-			~-
J	25	18-Oct-05	2.3	320										**
	30	18-Oct-05	1.5	320	-			-		_	-	_		
	35	18-Oct-05	1.6	240										
L	40	18-Oct-05	3.1	240							-			
	45	18-Oct-05	3.5	240										
	2	18-Oct-05	2.6	3,120	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	<10.0	<10.0	<10.0	1860
	5	18-Oct-05	2.3	1,280	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	<10.0	<10.0	<10.0	814
	10	18-Oct-05	2.2	640							-			215
	15	18-Oct-05	3.0	500	~						_			172
	20	18-Oct-05	1.1	500										
L	25	18-Oct-05	1.9	480							-			
BH-2	30	18-Oct-05	2.1	480										
J	35	18-Oct-05	1.4	400							_			*-
L	40	18-Oct-05	1.7	400				-		-				
	45	18-Oct-05	1.5	400						-			-	**
	50	18-Oct-05	0.9	400		**	-							
	55	18-Oct-05	0.2	320										
	60	18-Oct-05	0.3	240									-	
	65	18-Oct-05	0.2	240		***	-							
NMOCI) Remedia	l Thresholds	100 ³		10					50			1,000	250 ⁴

Bolded values are in excess of the NMOCD Remediation Thresholds

^{2-&}quot;: Not Analyzed

³In lieu of laboratory analyes of benzene, toluene, ethylbenzene and total xylenes.

⁴Chloride residuals may not be capable of impacting local groundwaterabove the NMWQCC standard of 250 mg/L

TABLE 2

Well Data

Chesapeake Energy Quail State SWD (Ref. #160030)

Well Number	Diversion ^A	Owner	Use	Twsp	Rng	Sec q q q	Latitude	Longitude	Date Measured	Surface Elevation ^B	Well Depth (ft bgs)	Depth to Water (ft bgs)
L04723	3	Cactus Drilling Company	PRO	198	34E	11 111	N.32° 40' 42.06"	W 103° 32' 20.82"	24-Sep-61	3,986	145	123
L10380	, 3	Gillespie Charles B Jr	STK	198	34E	02 443	N 32° 40' 55.32"	W 103° 31' 34.61"	11-Mar-94	3,965	153	100
CP00806	. 0	Smith Kenneth	STK	198	34E	04 44	N 32º 40' 54.91"	W 103° 33' 38.15"		3,882	50	
CP00875	0	Matador Petroleum, Inc.	PRO	19S	34E	05 343	N 32° 40' 54.68"	W 103° 35' 10.86"	07-Jan-98	3,806	200	
L04059	3	Noble Drilling Co.	PRO	198	34E	12 14	N 32° 40' 29.29"	W 103° 31' 3,72"	29-Jan-59		125	60
L04059 APPRO				19S	34E	12 14	N 32° 40' 29.29"	W 103° 31' 3.72"	29-Jan-59	1.	125	60
CP00466 EXP	0	Gulf Oil Corporation	PRO	19S	34E	16 332	N 32° 39' 10.29"	W 103° 34' 24.43"		3,760		
CP00466 (2)E EXP	0	Inc. Pennzoil United	PRO	198	34E	16 332	N 32° 39' 10.29"	W 103° 34' 24.43"		3,760		
CP00680 EXP	0	C.W. Trainer	OBS	19S	34E	25 433	N 32° 37' 26.49"	W 103° 30' 48.18"		3,732		
CP00683	3	C.W. Trainer	OBS	198	34E	26 433	N 32° 37' 26.49"	W 103° 30' 48.18"	20-Jul-85	3,732	120	28
USGS #1				19S	35E	17 211	N 32° 39' 44"	W 103° 28' 40"	25-Jan-96	3,822	50	26.04
USGS #2				198	35E	09 133	N 32° 40' 15"	W 103° 28' 08"	20-Mar-96	3,834	36	19.45
USGS #3				198	34E	09 242	N 32° 40' 22"	W 103° 33' 26"	08-Mar-01	3,890	33	28.97
USGS #4				19S	34E	06 341	N 32° 40' 46"	W 103° 36' 04"	08-Mar-01	3,777	500	244.23
USGS #5				198	35E	06 133	N 32° 41' 07"	W 103° 30' 11"	01-Feb-96	3,922	130	61.68
USGS #6				19S	35E	05 121	N 32° 41' 30"	W 103° 28' 49"	02-Jan-01	3,866	117	46.8
USGS #7				198	34E	03 412			28-Jan-81		• •	104.9
USGS #8				198	34E	06 341			30-Jan-96			239.06
USGS #9				19S	34E	09 242			30-Jan-96			28.73
USGS #10				198	34E	12 244	:		29-May-91			74.07
USGS #11				198	34E	16 334			07-Apr-86			231.18
USGS #12				19S	34E	31 131			14-Mar-68			53.14
USGS #13				19S	34E	31 132			17-Nov-65			58.6
USGS #14				19S	34E	31 232			15-Dec-76			147.58
USGS #15				198	34E	31 232			28-Jan-81			147.86

Data obtained from the New Mexico Office of the State Engineer Website (http://iwaters.ose:state.nm.us:7001/iWATERS/wr_RegisServlet1) and the USGS Website (http://waterdata.usgs.gov/nwis). Shaded areas indicate well locations shown on Figure 2

quarters are 1=NW, 2=NE, 3=SW, 4=SE; quarters are biggest to smallest

A = in acre feet per annum

⁸= Elevation interpolated from USGS topographical map based on referenced location.

STK = Livestock

OBS = Observation

PRO = Prospecting or development of natural resources

ATTACHMENT II

LABORATORY RESULTS AND CHAIN-OF-CUSTODY FORM

ATTACHMENT III

SOIL BORES

					L	og [Of Test Borings (NOTE - Page 1 of 2)
/ in.	\.						Project Number: 160030
		NVI	RONMEN	TAL PI	LUS, INC		Project Name: Chesapeake Quail State SWD
	F	ENV	IRONME	ED LAND	PARM AI		Location: UL-0, Section 11, Township 19 South, Range 34 East
, '.fii.				ONICE -394-348	31	E	Boring Number: BH-1 Surface Elevation: 3,972
# 2	<u>, </u>	2	به	ST.	.:-		10/10/05
Sample # and Time	Sample Type	Recovery (inches)	Moisture	PID Readings (ppm)	U.S.C.S. Symbol	Depth (feet)	Completion Date: 10/18/05 Time: 1415 hrs
Sar	\$-	Sec Cinc	Ā	Rec	⊃.vs.	Ă٤	Description
1245				4.4		_	Rock, Top Soil, Black Clay —
			 			—	-2-
					-	···-	_
			1				_
1259				2.4		: -	Caliche, Rock
			-			_	
-					-	_	_
					}	_	_
					-	l0	Caliche, Rack
1310				4.5	-	_	
						15	15-
1320				2.3	-		Caliche, Rock
			1	-		_	_
						_	_
						— ————————————————————————————————————	20
1330				1.5			Caliche, Rack —
							_
						_	_
						_	_
.00=			 	1		25	25
1335				2.3		<u> </u>	SAND, Caliche
						_	
							_
					-	3	30
1345				1.5			SAND —
	Wate	r Lev	el Meas	surement	s (feet	:)	Jotes Drilling Method: HSA 3.5° [D
Date	Tim		Sample Depth	Casing Depth	Cave-li Depth	n Wo	Level Packelli Mathadi Pentonita
10/18/05 -	5 <i>-</i>		-		-		_
					1	1	Field Representative: JR

			_		L	.og 01	f Test Borings (NOTE - Page 2 of 2)
< ill	1	c		-AL D	us Tu	<u>.</u> ⊢	Project Number: 160030
J E,	2	TATE	APPROV	TAL PI	FARM A	C. ND	Project Name: Chesapeake Quail State SWD
		EN	∕IRONMEI I	NTAL SEF EUNICE	SAICES		ocation: UL-O, Section 11, Township 19 South, Range 34 East
•••			505	-394-348	31	В	oring Number: BH-1 Surface Elevation: 3,972
# 4	α.	5,5	r e	95	<u>ک</u> نی	.co	Start Date: 10/18/05 Time: 1245 hrs
Sample # and Time	Sample Type	Recovery (inches)	Moisture	PID Readings (ppm)	U.S.C.S. Symbol	Depth (feet)	Completion Date: 10/18/05 Time: 1415 hrs
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เ355				l.6		<u> </u>	SAND, Pebbles
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1415]		3.5		L	SAND, Pebbles —
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	Wate	er i c	vel Mac	surement	e (fee	+)	
Date			Sample	Casing	Cave-i	n Wa	ter Drilling Method: HSA 3.5" [D
10/18/0	05 -	-	Depth	Depth -	Depth -		vel Backfill Methad: Bentanite
		- 1		-			Field Representative: JR

***************************************					L	og l	Of To	est Borings	(NDTE - Page 1 of 3)
- illi	5			_	_		Pro	ject Number: 160030	
		L NV	IRONMEN	ITAL P	LUS, INC	. [Pro.	ject Name: Chesapeake Q	uail State SWD
	- '		VIRONME	NTAL SEI EUNICE		"「	Loca	tion: UL-0, Section 11, To	wnship 19 South, Range 34 East
, .u.	لــُــ		505	-394-348	31		Borin	g Number: BH-2	Surface Elevation 3,972
# 84	٠. د	Recovery (inches)	يه	SgS	ŭ i	E D	Sto	art Date: 10/18/05	Time: 1443 hrs
Sample # and Time	Type	200	Moisture	PID Readings (ppm)	U.S.C.S. Symbol	Depth (feet)		mpletion Date: 10/18/05	Time: 1630 hrs
San	o'	8.5	∑	Re	⊃\o`	<u> </u>			lption
1443				2.6	-			Rock, Top Soil, Black Clay	_
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1523				1.9		_		Light Tan Sugar Sand	_
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						3	30		
1526				2.1				Light Tan Sugar Sand	-
Do +-	Wate			suremen			1	Drilling Method: HSA 3.5*	[D
Date	Tim		Sample Depth	Casing Depth	Cave-li Bepth	" <u>"</u>	ater evel	Backfill Method: Bento	
10/18/05 -	-	_	-	-	-	+	-		
					Ţ	I		Field Representative:	JR.

					L	9 [of Test Borings (NOTE - Page 2 of 3)					
Z iith	<u> </u>			_	_		Project Number: 160030					
	E 874	NVIE	RONMEN	TAL PI	LUS, INC	In [Project Name: Chesapeake Quail State SWD					
		ENV	IRONMEN	TAL SER	SAICES		Location: UL-0, Section 11, Township 19 South, Range 34 East					
, , , , , , , , , , , , , , , , , , ,				-394-348	31		Boring Number: BH-2 Surface Elevation: 3,972					
Sample # and Time	יי מ	Recovery (inches)	ıre	P1D Readings (ppm)	o is	£₽	Start Date: 10/18/05 Time: 1443 hrs					
apte T	Type	S S	Moisture	D P P	U.S.C.S. Symbol	Depth (feet)	Completion Date: 10/18/05 Time: 1630 hrs					
Sp	<u></u>	<u> </u>	₹ 2	8	∾		Description					
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1544				L4		 35	Light Tan Sugar Sand Pebbles					
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1547				1.7	.	_	Light Tan Sugar Sand Pebbles					
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1610				.e		5: 	Redish Tan Sugar Sand -					
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1622				.3		_	Redish Tan Sugar Sand -					
	Water			surement			Thilling Mathada 1924 257 FD					
Date	Time	2	ample Depth	Casing Depth	Cave-Ir Bepth	Y V	ater Drilling Method: HSA 3.5" [D					
10/18/05	-	1	-	-	=		Backfill Method: Bentonite					
		士					Field Representative: JR					

			**********		L	. go	Of Test Borings (NOTE - Page 3 of 3)
/ ath	<u> </u>	_			_		Project Number: 160030
		E NV	IRONMEN	ITAL PI ED LAND	LUS, INC	תוא	Project Name: Chesapeake Quail State SWD
		EN	VIRONME	NTAL SER EUNICE	RVICES		Location: UL-0, Section 11, Township 19 South, Range 34 East
<u></u>			505	-394-348	31	E	Baring Number: BH-2 Surface Elevation: 3,972
# 0	<u>.</u>	Recovery (inches)	i e	Sg2	ρίν	- ⊊⊋	Start Date: 10/18/05 Time: 1443 hrs
Sample # and Time	Sample Type	707	Moisture	PID Readings (ppm)	U.S.C.S. Symbol	Depth (feet)	Completion Date: 10/18/05 Time: 1630 hrs
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1630				.e		_	Redish Tan Sugar Sand
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	Wate			surement			Delition Making High 257 FD
Date	Tim	e	Sample Depth	Casing Depth	Cave-li Depth	n Wo	Vater Drilling Method: HSA 3.5' [D
10/18/09	5 -	-		-	=	1-	Backfill Method: Bentonite
							Field Representative: JR

Appendix B – Photographic Documentation

Photographic Documentation

Project Name: Quail Queen Unit #001

Project No: 15317

Photo No:

Direction Taken:

Northwest

Description:

View during assessment and delineation event.



Photo No: 2.

Direction Taken:

Southeast

Description:

View during assessment and delineation event.



Appendix C – Analytical Reports



Environment Testing America

ANALYTICAL REPORT

Eurofins Midland 1211 W. Florida Ave Midland, TX 79701 Tel: (432)704-5440

Laboratory Job ID: 880-9960-1

Client Project/Site: Quail Queen Unit #001 (6243)

For:

Etech Environmental & Safety Solutions PO BOX 62228 Midland, Texas 79711

Attn: Brandon Wilson

MAMER

Authorized for release by: 1/13/2022 8:22:58 AM

Jessica Kramer, Project Manager (432)704-5440

jessica.kramer@eurofinset.com

.....LINKS

Review your project results through

Have a Question?



Visit us at:

www.eurofinsus.com/Env

Released to Imaging: 5/31/2022 1:28:42 PM

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Laboratory Job ID: 880-9960-1

Client: Etech Environmental & Safety Solutions Project/Site: Quail Queen Unit #001 (6243)

Table of Contents

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Receint Checklists	22

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Definitions/Glossary

Client: Etech Environmental & Safety Solutions Job ID: 880-9960-1 Project/Site: Quail Queen Unit #001 (6243)

Qualifiers

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Qualifier	Qualifier Description					
F1	MS and/or MSD recovery exceeds control limits.					
S1+	Surrogate recovery exceeds control limits, high biased.					
U	Indicates the analyte was analyzed for but not detected.					

GC Semi VOA

Qualifier	Qualifier Description	

Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualitier Description

Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
n	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)

EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE) MCL

EPA recommended "Maximum Contaminant Level" MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit Minimum Level (Dioxin) ML MPN Most Probable Number Method Quantitation Limit MQL

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present **PQL Practical Quantitation Limit**

PRES Presumptive **Quality Control** QC

RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry) RL

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Case Narrative

Client: Etech Environmental & Safety Solutions Project/Site: Quail Queen Unit #001 (6243) Job ID: 880-9960-1

Job ID: 880-9960-1

Laboratory: Eurofins Midland

Narrative

Job Narrative 880-9960-1

Receipt

The samples were received on 1/7/2022 1:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.4° C

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Midland 1/13/2022

Client Sample Results

Client: Etech Environmental & Safety Solutions Project/Site: Quail Queen Unit #001 (6243) Job ID: 880-9960-1

Matrix: Solid

Lab Sample ID: 880-9960-1

Client Sample ID: Auger Hole 1

Date Collected: 01/06/22 10:00 Date Received: 01/07/22 13:05

Sample Depth: 0-6"

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U F1	0.00198		mg/Kg		01/07/22 14:31	01/10/22 22:00	1
Toluene	<0.00198	U F1	0.00198		mg/Kg		01/07/22 14:31	01/10/22 22:00	1
Ethylbenzene	<0.00198	U F1	0.00198		mg/Kg		01/07/22 14:31	01/10/22 22:00	1
m-Xylene & p-Xylene	<0.00396	U F1	0.00396		mg/Kg		01/07/22 14:31	01/10/22 22:00	1
o-Xylene	<0.00198	U F1	0.00198		mg/Kg		01/07/22 14:31	01/10/22 22:00	1
Xylenes, Total	<0.00396	U F1	0.00396		mg/Kg		01/07/22 14:31	01/10/22 22:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				01/07/22 14:31	01/10/22 22:00	1
1,4-Difluorobenzene (Surr)	102		70 - 130				01/07/22 14:31	01/10/22 22:00	1
Method: Total BTEX - Total BTE	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/11/22 12:59	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
								Allalyzou	DII Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/11/22 14:19	
- -			49.9		mg/Kg				
: Method: 8015B NM - Diesel Ran	ge Organics (D		49.9 RL	MDL	mg/Kg Unit		Prepared		1
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	ge Organics (D	RO) (GC) Qualifier		MDL			<u> </u>	01/11/22 14:19	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	ge Organics (D	RO) (GC) Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	01/11/22 14:19 Analyzed	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10	ge Organics (D Result <49.9	RO) (GC) Qualifier U	RL 49.9	MDL	Unit mg/Kg	<u>D</u>	Prepared 01/07/22 16:42	01/11/22 14:19 Analyzed 01/10/22 12:17	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	ge Organics (D Result <49.9	RO) (GC) Qualifier U	RL 49.9	MDL	Unit mg/Kg mg/Kg	<u>D</u>	Prepared 01/07/22 16:42 01/07/22 16:42	01/11/22 14:19 Analyzed 01/10/22 12:17 01/10/22 12:17	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	ge Organics (D Result <49.9 <49.9	RO) (GC) Qualifier U	RL 49.9 49.9 49.9	MDL	Unit mg/Kg mg/Kg	<u>D</u>	Prepared 01/07/22 16:42 01/07/22 16:42 01/07/22 16:42	01/11/22 14:19 Analyzed 01/10/22 12:17 01/10/22 12:17	Dil Face 1 1 1 Dil Face
Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	ge Organics (D Result <49.9 <49.9 <49.9 %Recovery	RO) (GC) Qualifier U	RL 49.9 49.9 49.9 <i>Limits</i>	MDL	Unit mg/Kg mg/Kg	<u>D</u>	Prepared 01/07/22 16:42 01/07/22 16:42 01/07/22 16:42 Prepared	Analyzed 01/10/22 12:17 01/10/22 12:17 01/10/22 12:17 Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	ge Organics (D Result <49.9 <49.9 <49.9 **Recovery** 93 92	RO) (GC) Qualifier U U Qualifier	RL 49.9 49.9 49.9 Limits 70 - 130	MDL	Unit mg/Kg mg/Kg	<u>D</u>	Prepared 01/07/22 16:42 01/07/22 16:42 01/07/22 16:42 Prepared 01/07/22 16:42	01/11/22 14:19 Analyzed 01/10/22 12:17 01/10/22 12:17 Analyzed 01/10/22 12:17	Dil Fac
Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	ge Organics (D Result <49.9 <49.9 <49.9 **Recovery 93 92 **romatography -	RO) (GC) Qualifier U U Qualifier	RL 49.9 49.9 49.9 Limits 70 - 130		Unit mg/Kg mg/Kg	<u>D</u>	Prepared 01/07/22 16:42 01/07/22 16:42 01/07/22 16:42 Prepared 01/07/22 16:42	01/11/22 14:19 Analyzed 01/10/22 12:17 01/10/22 12:17 Analyzed 01/10/22 12:17	Dil Fac

Client Sample ID: Auger Hole 1

Date Collected: 01/06/22 10:02

Date Received: 01/07/22 13:05

Sample Depth: 24-30"

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/07/22 14:31	01/10/22 22:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/07/22 14:31	01/10/22 22:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/07/22 14:31	01/10/22 22:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/07/22 14:31	01/10/22 22:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/07/22 14:31	01/10/22 22:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/07/22 14:31	01/10/22 22:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				01/07/22 14:31	01/10/22 22:21	1

Eurofins Midland

Lab Sample ID: 880-9960-2

Matrix: Solid

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Client Sample ID: Auger Hole 1

Date Collected: 01/06/22 10:02

Client Sample Results

Client: Etech Environmental & Safety Solutions Project/Site: Quail Queen Unit #001 (6243)

Job ID: 880-9960-1

Lab Sample ID: 880-9960-2

Lab Sample ID: 880-9960-3

Matrix: Solid

Matrix: Solid

Date Received: 01/07/22 13:05 Sample Depth: 24-30"

Method: 8021B - Volatile Organic Compou	unds (GC) (Continued)
---	-----------------------

Surrogate	%Recovery Qu	ualifier Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	103	70 - 130	01/07/22 14:31	01/10/22 22:21	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/11/22 12:59	1

Method: 8015 NM - Diesel Rang	ge Organics (DRO) (GC)					
Analyte	Result Qualifier	RI	MDI Unit	D	Propared	

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0 U	50.0	mg/Kg			01/11/22 14:19	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/07/22 16:42	01/10/22 13:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/07/22 16:42	01/10/22 13:20	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 16:42	01/10/22 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90	70 - 130	01/07/22 16:42	01/10/22 13:20	1
o-Terphenyl	92	70 - 130	01/07/22 16:42	01/10/22 13:20	1

Method: 300.0 -	Anions, I	on C	hromat	tograp	hy -	Sol	uble	
						_		

Analyte	Result Qualific		MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1500	25.0	mg/Kg			01/12/22 13:10	5

Client Sample ID: Auger Hole 2

Date Collected: 01/06/22 10:04 Date Received: 01/07/22 13:05

Sample Depth: 0-6"

Method: 8021B - Volatile Organic Compounds (GC)

	,	/							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/07/22 14:31	01/10/22 22:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/07/22 14:31	01/10/22 22:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/07/22 14:31	01/10/22 22:41	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/07/22 14:31	01/10/22 22:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/07/22 14:31	01/10/22 22:41	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/07/22 14:31	01/10/22 22:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				01/07/22 14:31	01/10/22 22:41	1
1,4-Difluorobenzene (Surr)	109		70 - 130				01/07/22 14:31	01/10/22 22:41	1

Mothod:	Total RTEY	- Total RTFY	Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg		_	01/11/22 12:59	1

Method: 8015 NM - Diese	Range Organics (DRO)	(GC)	í
Method. Out 3 MM - Diese	range Organics (DRO) (GC)	,

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9 U	49.9	mg/Kg			01/11/22 14:19	1

Client Sample Results

Client: Etech Environmental & Safety Solutions Project/Site: Quail Queen Unit #001 (6243)

Job ID: 880-9960-1

Client Sample ID: Auger Hole 2

Date Collected: 01/06/22 10:04 Date Received: 01/07/22 13:05

Sample Depth: 0-6"

Lab San	nple	ID:	880	-996	0-3

Lab Sample ID: 880-9960-4

Matrix: Solid

Matrix: Solid

	_ `	_ ' ` '				_			
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		01/07/22 16:42	01/10/22 13:40	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		01/07/22 16:42	01/10/22 13:40	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/07/22 16:42	01/10/22 13:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				01/07/22 16:42	01/10/22 13:40	1
o-Terphenyl	87		70 - 130				01/07/22 16:42	01/10/22 13:40	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	64.1	-	4.95		mg/Kg			01/12/22 13:20	1

Client Sample ID: Auger Hole 2

Date Collected: 01/06/22 10:06 Date Received: 01/07/22 13:05

Sample Depth: 6-12"

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/07/22 14:31	01/10/22 23:02	
Toluene	<0.00201	U	0.00201		mg/Kg		01/07/22 14:31	01/10/22 23:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/07/22 14:31	01/10/22 23:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/07/22 14:31	01/10/22 23:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/07/22 14:31	01/10/22 23:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/07/22 14:31	01/10/22 23:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130				01/07/22 14:31	01/10/22 23:02	1
1,4-Difluorobenzene (Surr)	106		70 - 130				01/07/22 14:31	01/10/22 23:02	1
Method: Total BTEX - Total BTEX	(Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/11/22 12:59	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Total TPH		Qualifier	RL 49.9	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 01/11/22 14:19	Dil Fac
Total TPH	<49.9	Qualifier U		MDL		<u>D</u>	Prepared		
Total TPH Method: 8015B NM - Diesel Rang	<49.9 ge Organics (D	Qualifier U		MDL	mg/Kg	<u>D</u>	Prepared Prepared		
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	<49.9 ge Organics (D	Qualifier U RO) (GC) Qualifier	49.9		mg/Kg			01/11/22 14:19	1
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<49.9 ge Organics (D Result	Qualifier U RO) (GC) Qualifier U	49.9		mg/Kg		Prepared	01/11/22 14:19 Analyzed	1 Dil Fac
	<pre><quad></quad></pre> <pre><pre>qe Organics (D)</pre></pre>	Qualifier U RO) (GC) Qualifier U	49.9 RL 49.9		mg/Kg Unit mg/Kg		Prepared 01/07/22 16:42	01/11/22 14:19 Analyzed 01/10/22 14:01	Dil Fac
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<49.9 ge Organics (D) Result <49.9 <49.9	Qualifier U RO) (GC) Qualifier U	49.9 RL 49.9 49.9		mg/Kg Unit mg/Kg mg/Kg		Prepared 01/07/22 16:42 01/07/22 16:42	01/11/22 14:19 Analyzed 01/10/22 14:01 01/10/22 14:01	Dil Fac
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<49.9 ge Organics (D) Result <49.9 <49.9 <49.9	Qualifier U RO) (GC) Qualifier U	49.9 RL 49.9 49.9 49.9		mg/Kg Unit mg/Kg mg/Kg		Prepared 01/07/22 16:42 01/07/22 16:42 01/07/22 16:42	Analyzed 01/10/22 14:01 01/10/22 14:01 01/10/22 14:01	1 Dil Fac

Client Sample Results

Client: Etech Environmental & Safety Solutions Project/Site: Quail Queen Unit #001 (6243)

Job ID: 880-9960-1

Client Sample ID: Auger Hole 2

Date Collected: 01/06/22 10:06 Date Received: 01/07/22 13:05

Sample Depth: 6-12"

Lab Sample ID: 880-9960-4

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.0		5.00		mg/Kg			01/12/22 13:29	1

Surrogate Summary

Client: Etech Environmental & Safety Solutions Project/Site: Quail Queen Unit #001 (6243)

Job ID: 880-9960-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-9960-1	Auger Hole 1	112	102	
880-9960-1 MS	Auger Hole 1	108	108	
880-9960-1 MSD	Auger Hole 1	103	99	
880-9960-2	Auger Hole 1	116	103	
880-9960-3	Auger Hole 2	110	109	
880-9960-4	Auger Hole 2	135 S1+	106	
LCS 880-16279/1-A	Lab Control Sample	101	99	
LCSD 880-16279/2-A	Lab Control Sample Dup	105	95	
MB 880-16220/5-A	Method Blank	98	106	
MB 880-16279/5-A	Method Blank	108	97	

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
_ab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-9960-1	Auger Hole 1	93	92	
880-9960-1 MS	Auger Hole 1	82	76	
880-9960-1 MSD	Auger Hole 1	90	80	
880-9960-2	Auger Hole 1	90	92	
380-9960-3	Auger Hole 2	90	87	
880-9960-4	Auger Hole 2	85	85	

1CO = 1-Chlorooctane OTPH = o-Terphenyl

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO2	OTPH2	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
LCS 880-16315/2-A	Lab Control Sample	81	85	
LCSD 880-16315/3-A	Lab Control Sample Dup	87	90	
MB 880-16315/1-A	Method Blank	80	83	
Surrogate Legend				
1CO = 1-Chlorooctane				
OTPH = o-Terphenyl				

Client: Etech Environmental & Safety Solutions Project/Site: Quail Queen Unit #001 (6243)

Job ID: 880-9960-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-16220/5-A

Matrix: Solid

Analysis Batch: 16342

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 16220

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 10:46	•
Toluene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 10:46	•
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 10:46	•
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/07/22 09:17	01/10/22 10:46	
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/07/22 09:17	01/10/22 10:46	•
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/07/22 09:17	01/10/22 10:46	

MB MB

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Prepared Analyzed Dil Fac 01/07/22 09:17 01/10/22 10:46 01/07/22 09:17 01/10/22 10:46

Lab Sample ID: MB 880-16279/5-A **Matrix: Solid**

Analysis Batch: 16342

Client Sample ID: Method Blank Prep Type: Total/NA

Prep Batch: 16279

MR MR Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac 01/07/22 14:31 Benzene <0.00200 U 0.00200 mg/Kg 01/10/22 21:39 Toluene <0.00200 U 0.00200 mg/Kg 01/07/22 14:31 01/10/22 21:39 Ethylbenzene <0.00200 U 0.00200 mg/Kg 01/07/22 14:31 01/10/22 21:39 01/07/22 14:31 01/10/22 21:39 m-Xylene & p-Xylene <0.00400 U 0.00400 mg/Kg 01/10/22 21:39 o-Xylene <0.00200 U 0.00200 mg/Kg 01/07/22 14:31 Xylenes, Total <0.00400 U 0.00400 01/07/22 14:31 01/10/22 21:39 mg/Kg

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	01/07/22 14:31	01/10/22 21:39	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/07/22 14:31	01/10/22 21:39	1

Lab Sample ID: LCS 880-16279/1-A

Matrix: Solid Analysis Batch: 16342 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Prep Batch: 16279

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09238		mg/Kg		92	70 - 130	
Toluene	0.100	0.08627		mg/Kg		86	70 - 130	
Ethylbenzene	0.100	0.08328		mg/Kg		83	70 - 130	
m-Xylene & p-Xylene	0.200	0.1716		mg/Kg		86	70 - 130	
o-Xylene	0.100	0.08407		mg/Kg		84	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	101	70 - 130
1.4-Difluorobenzene (Surr)	99	70 - 130

Lab Sample ID: LCSD 880-16279/2-A

Matrix: Solid

Matrix: Solid							Prep	iype: io	tai/NA
Analysis Batch: 16342							Prep	Batch:	16279
	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.09219		mg/Kg		92	70 - 130	0	35

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Client Sample ID: Lab Control Sample Dup

Client: Etech Environmental & Safety Solutions Project/Site: Quail Queen Unit #001 (6243)

Job ID: 880-9960-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-16279/2-A

Matrix: Solid Analysis Batch: 16342 Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 16279

Spike LCSD LCSD %Rec. **RPD** Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit D Toluene 0.100 0.08649 86 70 - 130 35 mg/Kg 0 Ethylbenzene 0.100 0.08511 mg/Kg 85 70 - 130 2 35 0.200 m-Xylene & p-Xylene 0.1746 mg/Kg 87 70 - 130 2 35 o-Xylene 0.100 0.08698 mg/Kg 87 70 - 130 3 35

LCSD LCSD

%Recovery Qualifier Limits Surrogate 70 - 130 4-Bromofluorobenzene (Surr) 105 1,4-Difluorobenzene (Surr) 95 70 - 130

Lab Sample ID: 880-9960-1 MS Client Sample ID: Auger Hole 1

Analysis Batch: 16342

Matrix: Solid Prep Type: Total/NA

Prep Batch: 16279

MS MS Sample Sample Spike %Rec. Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Benzene U F1 0.100 0.06756 F1 <0.00198 mg/Kg 68 70 - 130 Toluene <0.00198 UF1 0.100 0.05938 F1 59 70 - 130 mg/Kg 0.100 70 - 130 Ethylbenzene <0.00198 UF1 0.05428 F1 mg/Kg 54 0.200 0.1102 F1 55 70 - 130 m-Xylene & p-Xylene <0.00396 UF1 mg/Kg 70 - 130 o-Xylene <0.00198 UF1 0.100 0.05533 F1 mg/Kg 55

MS MS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	108	70 - 130
1,4-Difluorobenzene (Surr)	108	70 - 130

Lab Sample ID: 880-9960-1 MSD Client Sample ID: Auger Hole 1

Matrix: Solid

Analysis Batch: 16342

Prep Type: Total/NA

Prep Batch: 16279

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00198	U F1	0.0998	0.07272		mg/Kg		73	70 - 130	7	35
Toluene	<0.00198	U F1	0.0998	0.06335	F1	mg/Kg		63	70 - 130	6	35
Ethylbenzene	<0.00198	U F1	0.0998	0.05857	F1	mg/Kg		58	70 - 130	8	35
m-Xylene & p-Xylene	<0.00396	U F1	0.200	0.1183	F1	mg/Kg		59	70 - 130	7	35
o-Xylene	<0.00198	U F1	0.0998	0.05836	F1	mg/Kg		58	70 - 130	5	35

MSD MSD

Surrogate	%Recovery Qual	ifier Limits
4-Bromofluorobenzene (Surr)	103	70 - 130
1,4-Difluorobenzene (Surr)	99	70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-16315/1-A

Matrix: Solid

Analysis Batch: 16336

Client Sample ID: Method Blank Prep Type: Total/NA

Prep Batch: 16315

MB MB Analyte Result Qualifier RL MDL Unit Prepared <50.0 U 50.0 01/07/22 16:42 01/10/22 11:15 Gasoline Range Organics mg/Kg (GRO)-C6-C10

Client: Etech Environmental & Safety Solutions Project/Site: Quail Queen Unit #001 (6243)

Job ID: 880-9960-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-16315/1-A **Matrix: Solid**

Analysis Batch: 16336

Client Sample ID: Method Blank Prep Type: Total/NA

Prep Batch: 16315

Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Diesel Range Organics (Over <50.0 U 50.0 01/07/22 16:42 01/10/22 11:15 mg/Kg C10-C28) OII Range Organics (Over C28-C36) 50.0 01/07/22 16:42 01/10/22 11:15 <50.0 U mg/Kg

MB MB

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	01/07/22 16:42	01/10/22 11:15	1
o-Terphenyl	83		70 - 130	01/07/22 16:42	01/10/22 11:15	1

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 16315

Lab Sample ID: LCS 880-16315/2-A **Matrix: Solid** Prep Type: Total/NA

Prep Batch: 16315 Analysis Batch: 16336

LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits Gasoline Range Organics 1000 742.3 74 70 - 130 mg/Kg (GRO)-C6-C10 1000 816.2 Diesel Range Organics (Over mg/Kg 82 70 - 130C10-C28)

LCS LCS

Surrogate	%Recovery (Qualifier	Limits
1-Chlorooctane	81		70 - 130
o-Terphenyl	85		70 - 130

Lab Sample ID: LCSD 880-16315/3-A

Matrix: Solid **Analysis Batch: 16336**

Spike LCSD LCSD %Rec. **RPD** Analyte Added Result Qualifier %Rec Limits RPD Limit Unit D Gasoline Range Organics 1000 731.9 mg/Kg 73 70 - 130 20 (GRO)-C6-C10 Diesel Range Organics (Over 1000 797.4 mg/Kg 80 70 - 130 2 20

C10-C28)

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Terphenyl	90		70 - 130

Lab Sample ID: 880-9960-1 MS Client Sample ID: Auger Hole 1 Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 16336

Prep Batch: 16315 MS MS %Rec.

Spike Sample Sample Result Qualifier Added Result Qualifier Unit %Rec Analyte Limits <49.9 U 996 989.7 97 70 - 130 Gasoline Range Organics mg/Kg (GRO)-C6-C10 996 850.3 Diesel Range Organics (Over <49.9 U mg/Kg 70 - 130

C10-C28)

	INIS	IVIS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	82		70 - 130
o-Terphenyl	76		70 - 130

Client: Etech Environmental & Safety Solutions

Job ID: 880-9960-1

Project/Site: Quail Queen Unit #001 (6243)

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-9960-1 MSD Client Sample ID: Auger Hole 1

Matrix: Solid Prep Type: Total/NA Analysis Batch: 16336 Prep Batch: 16315

Sample Sample Spike MSD MSD RPD Result Qualifier RPD Limit Analyte Added Result Qualifier Unit %Rec Limits Gasoline Range Organics <49.9 U 999 1056 mg/Kg 104 70 - 130 6 20 (GRO)-C6-C10 999 920.9 Diesel Range Organics (Over <49.9 U mg/Kg 92 70 - 1308

C10-C28)

MSD MSD

Surrogate	%Recovery (Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	80		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-16437/1-A Client Sample ID: Method Blank

Matrix: Solid Prep Type: Soluble

Analysis Batch: 16545

мв мв

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/k	(g		01/12/22 10:42	1

Lab Sample ID: LCS 880-16437/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 16545

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	250	257.9		mg/Kg		103	90 - 110	

Lab Sample ID: LCSD 880-16437/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 16545

	Spike	LCSD	LCSD				%Rec.		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	250	260.2		mg/Kg		104	90 - 110	1	20	

Lab Sample ID: 880-9960-4 MS Client Sample ID: Auger Hole 2 **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 16545

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	15.0		250	290.0		mg/Kg	_	110	90 - 110	

Lab Sample ID: 880-9960-4 MSD Client Sample ID: Auger Hole 2

Matrix: Solid Prep Type: Soluble

Analysis Batch: 16545

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	15.0		250	286.0		mg/Kg		108	90 - 110	1	20

QC Association Summary

Client: Etech Environmental & Safety Solutions Project/Site: Quail Queen Unit #001 (6243) Job ID: 880-9960-1

GC VOA

Prep	Batch:	16220
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Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-16220/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 16279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9960-1	Auger Hole 1	Total/NA	Solid	5035	
880-9960-2	Auger Hole 1	Total/NA	Solid	5035	
880-9960-3	Auger Hole 2	Total/NA	Solid	5035	
880-9960-4	Auger Hole 2	Total/NA	Solid	5035	
MB 880-16279/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-16279/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-16279/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-9960-1 MS	Auger Hole 1	Total/NA	Solid	5035	
880-9960-1 MSD	Auger Hole 1	Total/NA	Solid	5035	

Analysis Batch: 16342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9960-1	Auger Hole 1	Total/NA	Solid	8021B	16279
880-9960-2	Auger Hole 1	Total/NA	Solid	8021B	16279
880-9960-3	Auger Hole 2	Total/NA	Solid	8021B	16279
880-9960-4	Auger Hole 2	Total/NA	Solid	8021B	16279
MB 880-16220/5-A	Method Blank	Total/NA	Solid	8021B	16220
MB 880-16279/5-A	Method Blank	Total/NA	Solid	8021B	16279
LCS 880-16279/1-A	Lab Control Sample	Total/NA	Solid	8021B	16279
LCSD 880-16279/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	16279
880-9960-1 MS	Auger Hole 1	Total/NA	Solid	8021B	16279
880-9960-1 MSD	Auger Hole 1	Total/NA	Solid	8021B	16279

Analysis Batch: 16516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method Prep Batch
880-9960-1	Auger Hole 1	Total/NA	Solid	Total BTEX
880-9960-2	Auger Hole 1	Total/NA	Solid	Total BTEX
880-9960-3	Auger Hole 2	Total/NA	Solid	Total BTEX
880-9960-4	Auger Hole 2	Total/NA	Solid	Total BTEX

GC Semi VOA

Prep Batch: 16315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9960-1	Auger Hole 1	Total/NA	Solid	8015NM Prep	
880-9960-2 Auger Hole 1		Total/NA	Solid	8015NM Prep	
880-9960-3	Auger Hole 2	Total/NA	Solid	8015NM Prep	
880-9960-4	Auger Hole 2	Total/NA	Solid	8015NM Prep	
MB 880-16315/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-16315/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-16315/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-9960-1 MS	Auger Hole 1	Total/NA	Solid	8015NM Prep	
880-9960-1 MSD	Auger Hole 1	Total/NA	Solid	8015NM Prep	

Analysis Batch: 16336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9960-1	Auger Hole 1	Total/NA	Solid	8015B NM	16315

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QC Association Summary

Client: Etech Environmental & Safety Solutions Project/Site: Quail Queen Unit #001 (6243) Job ID: 880-9960-1

GC Semi VOA (Continued)

Analysis Batch: 16336 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9960-2	Auger Hole 1	Total/NA	Solid	8015B NM	16315
880-9960-3	Auger Hole 2	Total/NA	Solid	8015B NM	16315
880-9960-4	Auger Hole 2	Total/NA	Solid	8015B NM	16315
MB 880-16315/1-A	Method Blank	Total/NA	Solid	8015B NM	16315
LCS 880-16315/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	16315
LCSD 880-16315/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	16315
880-9960-1 MS	Auger Hole 1	Total/NA	Solid	8015B NM	16315
880-9960-1 MSD	Auger Hole 1	Total/NA	Solid	8015B NM	16315

Analysis Batch: 16554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9960-1	Auger Hole 1	Total/NA	Solid	8015 NM	
880-9960-2	Auger Hole 1	Total/NA	Solid	8015 NM	
880-9960-3	Auger Hole 2	Total/NA	Solid	8015 NM	
880-9960-4	Auger Hole 2	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 16437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9960-1	Auger Hole 1	Soluble	Solid	DI Leach	
880-9960-2	Auger Hole 1	Soluble	Solid	DI Leach	
880-9960-3	Auger Hole 2	Soluble	Solid	DI Leach	
880-9960-4	Auger Hole 2	Soluble	Solid	DI Leach	
MB 880-16437/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-16437/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-16437/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-9960-4 MS	Auger Hole 2	Soluble	Solid	DI Leach	
880-9960-4 MSD	Auger Hole 2	Soluble	Solid	DI Leach	

Analysis Batch: 16545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9960-1	Auger Hole 1	Soluble	Solid	300.0	16437
880-9960-2	Auger Hole 1	Soluble	Solid	300.0	16437
880-9960-3	Auger Hole 2	Soluble	Solid	300.0	16437
880-9960-4	Auger Hole 2	Soluble	Solid	300.0	16437
MB 880-16437/1-A	Method Blank	Soluble	Solid	300.0	16437
LCS 880-16437/2-A	Lab Control Sample	Soluble	Solid	300.0	16437
LCSD 880-16437/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	16437
880-9960-4 MS	Auger Hole 2	Soluble	Solid	300.0	16437
880-9960-4 MSD	Auger Hole 2	Soluble	Solid	300.0	16437

Eurofins Midland

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Lab Chronicle

Client: Etech Environmental & Safety Solutions Project/Site: Quail Queen Unit #001 (6243) Job ID: 880-9960-1

Client Sample ID: Auger Hole 1

Date Collected: 01/06/22 10:00 Date Received: 01/07/22 13:05 Lab Sample ID: 880-9960-1

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	16279	01/07/22 14:31	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16342	01/10/22 22:00	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16516	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16315	01/07/22 16:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16336	01/10/22 12:17	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16437	01/10/22 13:11	CH	XEN MID
Soluble	Analysis	300.0		5			16545	01/12/22 13:00	CH	XEN MID

Client Sample ID: Auger Hole 1

Date Collected: 01/06/22 10:02

Date Received: 01/07/22 13:05

Lab Sample ID: 880-9960-2

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	16279	01/07/22 14:31	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16342	01/10/22 22:21	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16516	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	16315	01/07/22 16:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16336	01/10/22 13:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	16437	01/10/22 13:11	CH	XEN MID
Soluble	Analysis	300.0		5			16545	01/12/22 13:10	CH	XEN MID

Client Sample ID: Auger Hole 2

Date Collected: 01/06/22 10:04

Date Received: 01/07/22 13:05

Lab Sa	ample I	D: 88	0-996	30-3
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Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	16279	01/07/22 14:31	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16342	01/10/22 22:41	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16516	01/11/22 12:59	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16315	01/07/22 16:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16336	01/10/22 13:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16437	01/10/22 13:11	CH	XEN MID
Soluble	Analysis	300.0		1			16545	01/12/22 13:20	CH	XEN MID

Client Sample ID: Auger Hole 2

Date Collected: 01/06/22 10:06

Date Received: 01/07/22 13:05

Lab Sample	ID: 880-9960-4
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Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	16279	01/07/22 14:31	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16342	01/10/22 23:02	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16516	01/11/22 12:59	AJ	XEN MID

Eurofins Midland

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Lab Chronicle

Client: Etech Environmental & Safety Solutions

Job ID: 880-9960-1

Project/Site: Quail Queen Unit #001 (6243)

Lab Sample ID: 880-9960-4

Client Sample ID: Auger Hole 2 Date Collected: 01/06/22 10:06

Matrix: Solid

Date Received: 01/07/22 13:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	16315	01/07/22 16:42	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16336	01/10/22 14:01	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16437	01/10/22 13:11	CH	XEN MID
Soluble	Analysis	300.0		1			16545	01/12/22 13:29	CH	XEN MID

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Etech Environmental & Safety Solutions Project/Site: Quail Queen Unit #001 (6243) Job ID: 880-9960-1

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority Texas		ogram	Identification Number	Expiration Date
		ELAP	T104704400-21-22	06-30-22
The following analytes	are included in this report bu	it the laboratory is not certific	ed by the governing authority. This list ma	av include analytes for y
the agency does not of	• •	it the laboratory to not certifi	ed by the governing additionty. This list me	ay include analytes for v
,	• •	Matrix	Analyte	ay include analytes for v
the agency does not of	fer certification.	•	, , ,	ay include analytes for v

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Method Summary

Client: Etech Environmental & Safety Solutions Project/Site: Quail Queen Unit #001 (6243) Job ID: 880-9960-1

Method Description	Protocol	Laboratory
Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX Calculation	TAL SOP	XEN MID
Diesel Range Organics (DRO) (GC)	SW846	XEN MID
Diesel Range Organics (DRO) (GC)	SW846	XEN MID
Anions, Ion Chromatography	MCAWW	XEN MID
Closed System Purge and Trap	SW846	XEN MID
Microextraction	SW846	XEN MID
Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

Method 8021B Total BTEX 8015 NM 8015B NM 300.0 5035 8015NM Prep DI Leach

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Midland

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Sample Summary

Client: Etech Environmental & Safety Solutions Project/Site: Quail Queen Unit #001 (6243) Job ID: 880-9960-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-9960-1	Auger Hole 1	Solid	01/06/22 10:00	01/07/22 13:05	0-6"
880-9960-2	Auger Hole 1	Solid	01/06/22 10:02	01/07/22 13:05	24-30"
880-9960-3	Auger Hole 2	Solid	01/06/22 10:04	01/07/22 13:05	0-6"
880-9960-4	Auger Hole 2	Solid	01/06/22 10:06	01/07/22 13:05	6-12"

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	11-122 P 1-7-22	Relinquished by (Signature) Received by (Signature)	Notice Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$75.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated	Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 AI S Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA S			Auger Hole 2 S 1/6/2022 10 06 6-12" 1	S 1/6/2022 10 04	S 1/6/2022	Auger Hole 1 S 1/6/2022 10 00 0-6" 1	Sample Identification Matrix Sampled Sampled Depth	Total Containers	No MA Correction Factor (C)	Thermometer ID	SAMPLE RECEIPT Temp Blank Yes (No) Wet Ice (Yes, No	Sampler's Name Blake Estep Due Date	15317 Rush	Project Number: 15317 Routine	Project Name Quail Queen Unit #001 (6243) Turn Around	Phone 432-563-2200 Email brandon@etechenv	City, State ZIP Odessa, Tx 79765 City, State ZIP	Address 13000 W CR 100 Address	Company Name Etech Environmental Company Name	Project Manager Brandon Wilson Bill to (if different)	Midland I X (432-704-5440) EL Paso TX (915)585-3443 Lubbock TX (806)794-1296 Hobbs NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta GA (770-449-8800) Tampa FL (813-620-2000)	
C	33 13 05 2	Date/Time I	company to Xenco, its affi es or expenses incurred by tted to Xenco, but not analy	Sb As Ba Be B Cd Sb As Ba Be Cd Co			×	×	×	×	TPH SETEX	80		 }						brandon@etechenv com, blake@etechenv com					Paso TX (915)585-3443 -355-0900) Atlanta GA (7	
		Relinquished by (Signature)	liates and subcontractors. It ass the client if such losses are due zed. These terms will be enforce	B Cd Ca Cr Co Cu Fe Pb Cd Cr Co Cu Pb Mn Mo I															ANALYSIS REQUEST	env com					Lubbock TX (806)794-1296 70-449-8800) Tampa FL (813	
Revised Date 051418 Rev 2018 1		ture) Received by (Signature) Date/Time	signs standard terms and conditions e to circumstances beyond the control ed unless previously negotiated	Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Ti Sn U V Zn Mn Mo Ni Se Ag Ti U 1631 / 245.1 / 7470 / 7471 Hg	ocu-systi Chain of Custody						Sample Comments	lab if received by 4 30pm							EST Work Order Notes	ADaPT Other	Reporting Level III Dest/UST DRRP Devel IV	[Program: UST/PST PRP Brownfields RC bunerfund	Work Order Comments	3-620-2000) www.xenco.com Page of	

Login Sample Receipt Checklist

Client: Etech Environmental & Safety Solutions Job Number: 880-9960-1

Login Number: 9960 List Source: Eurofins Midland

List Number: 1

Creator: Rodriguez, Leticia

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Appendix D – Release Notification and Corrective Action (Form C-141)

Administrative/Environmental Order



AE Order Number Banner

Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



App Number: pJXK1604136316

1RP - 2740
CHESAPEAKE ENERGY CORP.

2/10/2016

HOBBS OCD

AUG 29 2011

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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

RECEIVED

Form C-141 Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

	Release Notification and Corrective Action										
				OPERATO	R			Report	F	inal Report	
Name of C	Company	y: Chesape	ake En	ergy		Contact: Bra	adley Blevins				
Address: 1					,	Telephone N	No.: (505) 391	-1462 ext.	6224		
Facility N	ame: Qu	ail Queen	#1 wate	er transfer line		Facility Typ	e: pipe line				
Surface O	wner: B	LM		Mineral (Own	er: Chesape	ake Energy	Lease	No.:		
							EAP1#30.0	25-2553	36-00	-00	
Unit Letter N	Section 25	Township 19S	Range 34E	Feet from the		th/South Line	ne	County Lea			
Latitude: Longitude: NATURE OF RELEASE (JWG) 90											
Type of Release: Produced water Volume of Release: 60 barrels Volume Recovered: 50 barrels											
Source of Rel	ease: Poly	line				8/26/2011	r of Occurrence:	8/26/2011		Discovery:	
Was Immedia	te Notice (Yes 🔲	No Not Requ	ired	If YES, To W	hom? Geoffrey L	eking		,	
By Whom? B						-	r: 8/26/2011 2:30				
Was a Water	course Rea		Yes 🛛 1	No		If YES, Volur	ne Impacting the	Watercourse:			
Depth to water	r: 100 ft.								-		
If a Watercou	rse was Im	pacted, Desc	ribe Fully	':							
Describe Cau pit and majorit				on Taken: Pipeline	e rupti	ared causing rele	ase of produced wa	ater onto surfac	ce. Water	collected in	
	Affected a	and Cleanup	Action Ta	ken: Contaminate	d soil	to be removed a	nd transported to S	tate approved	land farn	for	
I hereby certify and regulations endanger public operator of lial surface water,	y that the in s all operato ic health or oility should human heal	formation give ors are require the environment of their operation of the environment	en above in the action of the tent. The actions have fronment.	and/or file certain cceptance of a C-1 ailed to adequately	41 rep inves	se notifications a port by the NMO tigate and remed ceptance of a C- ns.	owledge and unders and perform correct CD marked as "Fir liate contamination [41] report does not	ive actions for nal Report" doo that pose a the relieve the op	releases es not rel reat to gre erator of	which may ieve the ound water, responsibility	
			21	,		OI	L CONSERVA	ATION DI	VISIO	N	
Signature:	Diza	My 0	Slea			150	III MILLIAMANO.				
Printed Name		/			1	Approved by Di	UV ENGINEER: strict Supervisor:	Josep 7	Strine	7	
Title: Field Su	pervisor				-	Approval Date:	11/01/10	Expiration	Date:	116/11	
E-mail Addre	ss: Bradley	.blevins@chk	.com		Conditions of Approval: SUBMIT FINAL Attached					ied 🗌	
Date: 8-29	-2011	Phone: (5	05) 391-1	462 ext. 6224	C-141 BY 11/10/11 IRP-09-11-2740						

Received by OCD: 4/1/2022 8:17:08 AM State of New Mexico
Page 3 Oil Conservation Division

	Page 60 of 62
Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	(ft bgs)	
Did this release impact groundwater or surface water?	☐ Yes ☐ No	
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ No	
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☐ No	
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No	
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No	
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No	
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No	
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No	
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No	
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No	
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No	
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☐ No	
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil	
Characterization Report Checklist: Each of the following items must be included in the report.		
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ⅓₂-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody		

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

Received by OCD: 4/1/2022 8:17:08 AM State of New Mexico
Page 4 Oil Conservation Division

Page 61 of 62

Incident ID

District RP

Facility ID

Application ID

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.			
Printed Name:	Title:		
Signature: Thile	Date: 3-8-22		
email:	Telephone:		
OCD Only			
Received by:	Date:		

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

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

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

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

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

CONDITIONS

Action 95169

CONDITIONS

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	95169
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
bbillings	None	5/31/2022