Form C-141
Page 6

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

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

☐ Photographs of the remediated site prior to backfill or photos 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: _____ Title: _____

Signature: _____ Date: 4-4-22

email: _____ Telephone: _____

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: 05/31/2022

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

CLOSURE REQUEST REPORT

Chevron Corporation
Baish Federal #012
Eddy County, New Mexico
Unit Letter "C", Section 09, Township 18 South, Range 31 East
Latitude 32.76659º North, Longitude 103.87780º West
NMOCD Reference #: nKMW1108946072

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 25, 2022

Blake Estep
Project Manager

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APPENDICES

INTRODUCTION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Chevron Corporation, has prepared this Closure Request Report for the release site known as Baish Federal #012. The legal description of the release site is Unit Letter "C", Section 9, Township 18 South, Range 31 East, in Eddy County, New Mexico. The GPS coordinates are 32.76659° North and 103.87780° 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 July 16, 2009, a flowline ruptured resulting in the release at Baish Federal #012 site (Release Site). Approximately forty (40) barrels of produced water was released into the adjacent pasture. Approximately twenty-five (25) barrels of produced water was recovered via vacuum trucks.

From August 11 through 18, 2009, remediation activites were conducted by a third-party environmental contractor that is no longer affiliated with the Release Site. The impacted area was excavated to depths ranging from six (6) inches to five (5) feet below ground surface (bgs). Seven (7) bottom hole samples were collected throughout the excavated area and submitted to Cardinal Laboratories to be analyzed for chloride concentrations. The bottom hole samples came back below the NMOCD cleanup standard for chloride that was in effect at the time of the release. Labratory analytical data is provided in Appendix C.

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 (Well No.: 324502103495801) is approximately 2.74 miles to the southeast. The USGS database indicated groundwater should be encountered at approximately three hundred seventy-six (376) feet bgs. No surface water or water wells were observed within one thousand (1,000) feet of the release site. The Baish Federal #012 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 Baish Federal #012 site as a result of this criteria:

- Benzene – 10 mg/kg
- (BTEX) – 50 mg/kg
- (TPH) – 100 mg/kg
- Chloride – 600 mg/kg

INITIAL SITE ASSESSMENT AND DELINEATION

On February 15, 2022, Etech conducted an assessment and sampling event at the Baish Federal #012 to determine the condition of the soil where the spill had occurred. Five (5) soil borings were installed, including one (1) bottom hole sample and four (4) sidewall samples in each cardinal direction. Samples were collected at eighteen (18) inches bgs for the bottom hole sample and twelve (12) inches bgs for the sidewall samples (refer to Figure 3). Samples were submitted to Xenco Eurofins to be analyzed for TPH, chlorides, and 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 in 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 February 2022 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 District 1 Office grant site closure to the Baish Federal #012 (NMOCD Incident ID: nKMW1108946072).

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

Legend:

- Site Location

Figure 1

Site Location Topographic Map

Chevron Corporation

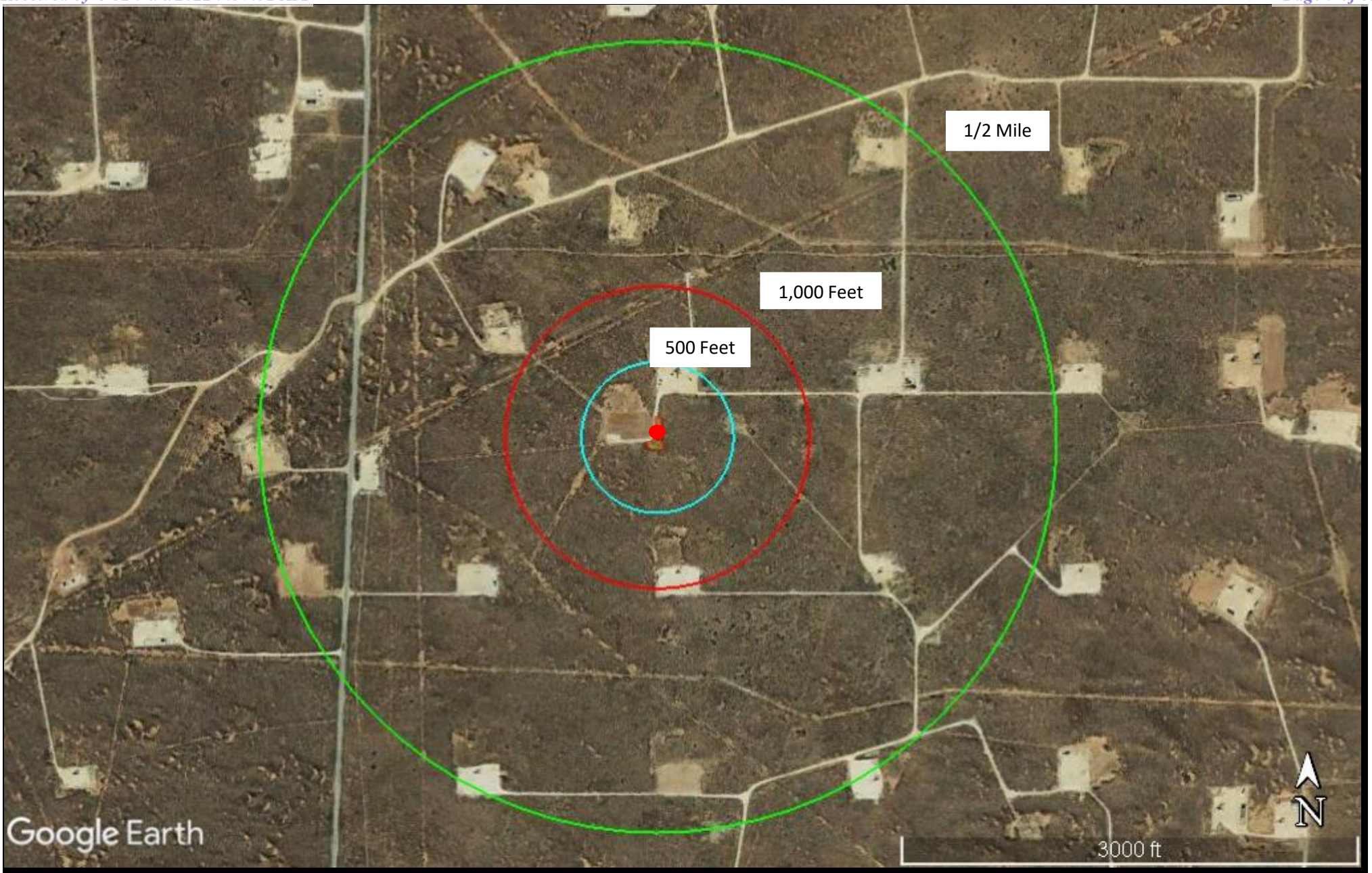
Baish Federal #012

GPS: 32.76659, -103.87780

Eddy County

eTECH Environmental & Safety Solutions, Inc.

Date: 3/3/22



Legend:

- Site Location
- Fresh Water Well
- 100-Year Floodplain
- High/Critical Karst
- Non-Industrial Building
- Subsurface Mine

Figure 2
Aerial Proximity Map
Chevron Corporation
Baish Federal #012
GPS: 32.76629, -103.87719
Eddy County

eTECH Environmental & Safety Solutions, Inc.

Date: 3/25/22

Environmental & Safety Solutions, Inc.

Figure 3 Site and Sample Location Map	Project Name:	Baish Federal #012	Project No.:	15308
	Date Sampled:	January 5, 2022	GPS:	32.76626, -103.87785

TABLES

TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL

CHEVRON CORPORATION

Baish Federal #012

EDDY COUNTY, NEW MEXICO

All concentrations are reported in mg/Kg

SAMPLE LOCATION	DEPTH	SAMPLE DATE	METHODS: SW 846-8021B						METHOD: SW 8015M					E 300.0
			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
Sample Point 1	18"	8/5/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	48
Sample Point 2	18"	8/5/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16
Sample Point 3	18"	8/5/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16
Sample Point 4	12"	8/5/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	48
Sample Point 5	60"	8/6/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	48
Sample Point 6	6"	8/10/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	128
Sample Point 7	12"	8/10/2009	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16
Bottom Hole 1	18"	2/15/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
North Sidewall	12"	2/15/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
East Sidewall	12"	2/15/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
South Sidewall	12"	2/15/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
West Sidewall	12"	2/15/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

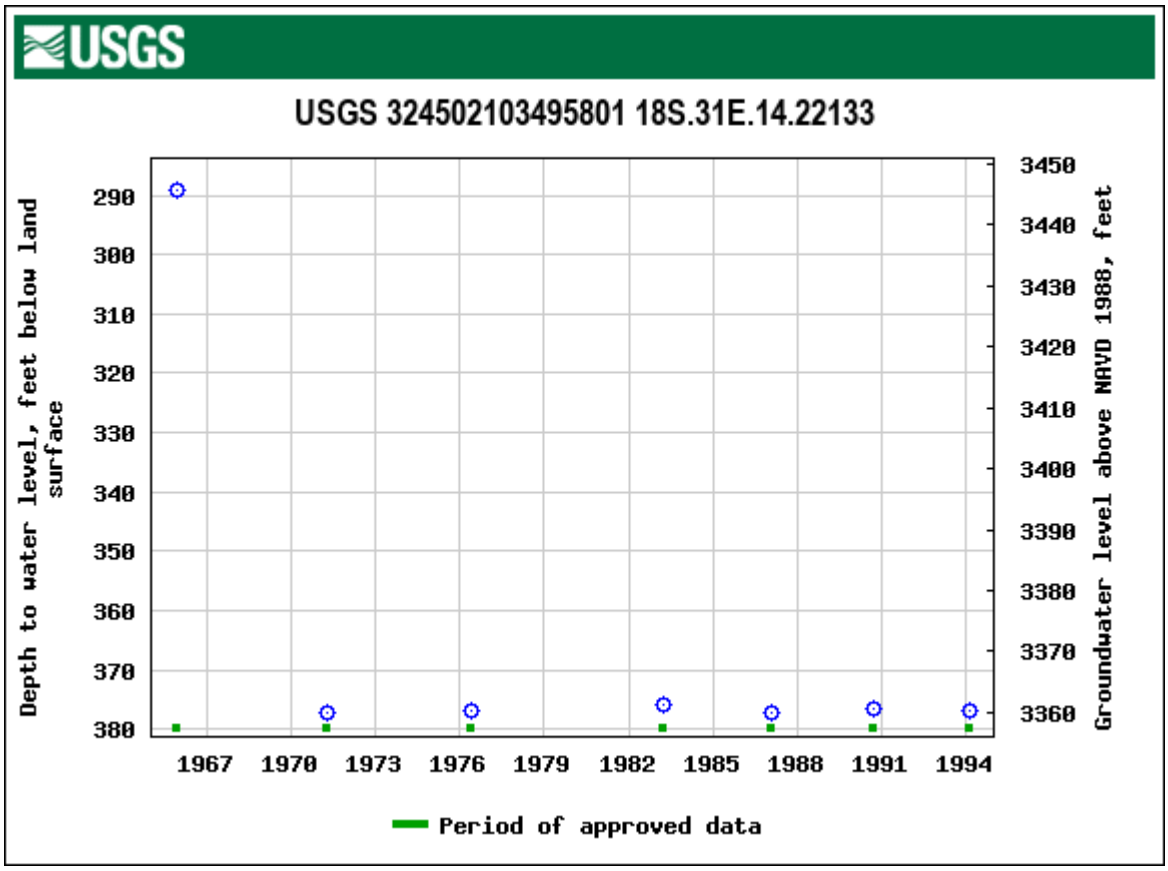
Appendix A – Depth to Groundwater Information

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

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 605166.7 **Northing (Y):** 3625931 **Radius:** 804


USGS
USGS 324502103495801 18S.31E.14.22133
Depth to water level, feet below land surface
290
300
310
320
330
340
350
360
370
380
Groundwater level above NAVD 1988, feet
3450
3440
3430
3420
3410
3400
3390
3380
3370
3360
1967
1970
1973
1976
1979
1982
1985
1988
1991
1994
Period of approved data

Legend:

- Site Location
- USGS Water Well

Figure 4

USGS Well Proximity Map

Chevron Corporation

Baish Federal #012

GPS: 32.76629, -103.87719

Eddy County

eTECH Environmental & Safety Solutions, Inc.

Date: 3/25/22

Appendix B – Photographic Documentation

Project Name: *Baish Federal #012*
Project No: *15307*

Photographic Documentation

Photo No: **1.**	
Direction Taken: Southeast	
Description: View during assessment and delineation event.	

Photo No: **2.**	
Direction Taken: East	
Description: View during assessment and delineation event.	

Project Name: *Baish Federal #012*
Project No: *15307*

Photographic Documentation

Photo No: **3.**	
Direction Taken: South	
Description: View of release on July 16, 2009.	

Photo No: **4.**	
Direction Taken: North	
Description: View of release on July 16, 2009.	

Project Name: *Baish Federal #012*
Project No: *15307*

Photographic Documentation

Photo No: **5.**	
Direction Taken: East	
Description: View during excavation on August 11, 2009.	

Photo No: **6.**	
Direction Taken: South	
Description: View during excavation on August 11, 2009.	

Project Name: *Baish Federal #012*
Project No: *15307*

Photographic Documentation

Photo No: **7.**	
Direction Taken: East	
Description: View of site following remediation on August 12,	

Photo No: **8.**	
Direction Taken: North	
Description: View of site following remediation on August 12,	

Appendix C – Analytical Reports

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-11351-1
Laboratory Sample Delivery Group: 15307
Client Project/Site: Basin Federal #012

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

Attn: Brandon Wilson

JKramer

Authorized for release by:
2/25/2022 4:25:54 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

Client: Etech Environmental & Safety Solutions
Project/Site: Basin Federal #012

Laboratory Job ID: 880-11351-1
SDG: 15307

Table of Contents

Definitions/Glossary

Client: Etech Environmental & Safety Solutions Job ID: 880-11351-1
Project/Site: Basin Federal #012 SDG: 15307

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
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
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
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: Basin Federal #012

Job ID: 880-11351-1
SDG: 15307

Job ID: 880-11351-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-11351-1

Receipt
The samples were received on 2/16/2022 1:00 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 4.6°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
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-11400-A-1-F MSD). Evidence of matrix interferences is not obvious.

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

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Basin Federal #012

Job ID: 880-11351-1
SDG: 15307

Client Sample ID: Bottom Hole 1

Lab Sample ID: 880-11351-1
Matrix: Solid
Date Collected: 02/15/22 11:00
Date Received: 02/16/22 13:00
Sample Depth: 18"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/24/22 09:39	02/24/22 23:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/24/22 09:39	02/24/22 23:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/24/22 09:39	02/24/22 23:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/24/22 09:39	02/24/22 23:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/24/22 09:39	02/24/22 23:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/24/22 09:39	02/24/22 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*02/24/22 09:39*	*02/24/22 23:15*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/24/22 09:39*	*02/24/22 23:15*	*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			02/25/22 13:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/21/22 19:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/17/22 11:56	02/19/22 15:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/17/22 11:56	02/19/22 15:41	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/17/22 11:56	02/19/22 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*02/17/22 11:56*	*02/19/22 15:41*	*1*
o-Terphenyl	*79*		*70 - 130*	*02/17/22 11:56*	*02/19/22 15:41*	*1*

Client Sample ID: North Sidewall

Lab Sample ID: 880-11351-2
Matrix: Solid
Date Collected: 02/15/22 11:02
Date Received: 02/16/22 13:00
Sample Depth: 12"

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		02/24/22 09:39	02/24/22 23:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/24/22 09:39	02/24/22 23:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/24/22 09:39	02/24/22 23:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/24/22 09:39	02/24/22 23:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/24/22 09:39	02/24/22 23:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/24/22 09:39	02/24/22 23:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*02/24/22 09:39*	*02/24/22 23:36*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*02/24/22 09:39*	*02/24/22 23:36*	*1*

Client Sample Results

Client: Etech Environmental & Safety Solutions
Job ID: 880-11351-1
Project/Site: Basin Federal #012
SDG: 15307

Client Sample ID: North Sidewall
Lab Sample ID: 880-11351-2
Date Collected: 02/15/22 11:02
Matrix: Solid
Date Received: 02/16/22 13:00
Sample Depth: 12"

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/25/22 13:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/21/22 19:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/17/22 11:56	02/19/22 16:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/17/22 11:56	02/19/22 16:02	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/17/22 11:56	02/19/22 16:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*74*		*70 - 130*	*02/17/22 11:56*	*02/19/22 16:02*	*1*
o-Terphenyl	*70*		*70 - 130*	*02/17/22 11:56*	*02/19/22 16:02*	*1*

Client Sample ID: East Sidewall
Lab Sample ID: 880-11351-3
Date Collected: 02/15/22 11:04
Matrix: Solid
Date Received: 02/16/22 13:00
Sample Depth: 12"

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		02/24/22 09:39	02/24/22 23:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/24/22 09:39	02/24/22 23:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/24/22 09:39	02/24/22 23:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/24/22 09:39	02/24/22 23:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/24/22 09:39	02/24/22 23:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/24/22 09:39	02/24/22 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*02/24/22 09:39*	*02/24/22 23:56*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*02/24/22 09:39*	*02/24/22 23:56*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/25/22 13:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/21/22 19:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/17/22 11:56	02/19/22 16:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/17/22 11:56	02/19/22 16:23	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/17/22 11:56	02/19/22 16:23	1

Eurofins Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Basin Federal #012

Job ID: 880-11351-1
SDG: 15307

Client Sample ID: East Sidewall

Lab Sample ID: 880-11351-3
Matrix: Solid
Date Collected: 02/15/22 11:04
Date Received: 02/16/22 13:00
Sample Depth: 12"

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	02/17/22 11:56	02/19/22 16:23	1
o-Terphenyl	86		70 - 130	02/17/22 11:56	02/19/22 16:23	1

Client Sample ID: South Sidewall

Lab Sample ID: 880-11351-4
Matrix: Solid
Date Collected: 02/15/22 11:06
Date Received: 02/16/22 13:00
Sample Depth: 12"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/24/22 09:39	02/25/22 00:17	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/24/22 09:39	02/25/22 00:17	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/24/22 09:39	02/25/22 00:17	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/24/22 09:39	02/25/22 00:17	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/24/22 09:39	02/25/22 00:17	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/24/22 09:39	02/25/22 00:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	02/24/22 09:39	02/25/22 00:17	1
1,4-Difluorobenzene (Surr)	96		70 - 130	02/24/22 09:39	02/25/22 00:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/25/22 13:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/21/22 19:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/17/22 11:56	02/19/22 16:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/17/22 11:56	02/19/22 16:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/17/22 11:56	02/19/22 16:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130	02/17/22 11:56	02/19/22 16:44	1
o-Terphenyl	68	S1-	70 - 130	02/17/22 11:56	02/19/22 16:44	1

Client Sample ID: West Sidewall

Lab Sample ID: 880-11351-5
Matrix: Solid
Date Collected: 02/15/22 11:08
Date Received: 02/16/22 13:00
Sample Depth: 12"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/24/22 09:39	02/25/22 00:37	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/24/22 09:39	02/25/22 00:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/24/22 09:39	02/25/22 00:37	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		02/24/22 09:39	02/25/22 00:37	1

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Basin Federal #012

Job ID: 880-11351-1
SDG: 15307

Client Sample ID: West Sidewall

Date Collected: 02/15/22 11:08
Date Received: 02/16/22 13:00
Sample Depth: 12"

Lab Sample ID: 880-11351-5
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/24/22 09:39	02/25/22 00:37	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		02/24/22 09:39	02/25/22 00:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*02/24/22 09:39*	*02/25/22 00:37*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*02/24/22 09:39*	*02/25/22 00:37*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			02/25/22 13:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/21/22 19:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/17/22 11:56	02/19/22 17:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/17/22 11:56	02/19/22 17:05	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/17/22 11:56	02/19/22 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*76*		*70 - 130*	*02/17/22 11:56*	*02/19/22 17:05*	*1*
o-Terphenyl	*72*		*70 - 130*	*02/17/22 11:56*	*02/19/22 17:05*	*1*

Surrogate Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Basin Federal #012

Job ID: 880-11351-1
SDG: 15307

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)
880-11351-1	Bottom Hole 1	101	99
880-11351-1 MS	Bottom Hole 1	101	99
880-11351-1 MSD	Bottom Hole 1	104	100
880-11351-2	North Sidewall	101	96
880-11351-3	East Sidewall	108	92
880-11351-4	South Sidewall	105	96
880-11351-5	West Sidewall	103	97
LCS 880-20192/1-A	Lab Control Sample	102	99
LCSD 880-20192/2-A	Lab Control Sample Dup	104	101
MB 880-19723/5-A	Method Blank	99	95
MB 880-20192/5-A	Method Blank	98	94

Surrogate Legend

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
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-11351-1	Bottom Hole 1	80	79
880-11351-2	North Sidewall	74	70
880-11351-3	East Sidewall	88	86
880-11351-4	South Sidewall	71	68 S1-
880-11351-5	West Sidewall	76	72
880-11400-A-1-E MS	Matrix Spike	76	76
880-11400-A-1-F MSD	Matrix Spike Duplicate	69 S1-	69 S1-

Surrogate Legend

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 880-19690/2-A	Lab Control Sample	100	108
LCSD 880-19690/3-A	Lab Control Sample Dup	105	112
MB 880-19690/1-A	Method Blank	88	92

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Basin Federal #012

Job ID: 880-11351-1
SDG: 15307

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-19723/5-A
Matrix: Solid
Analysis Batch: 20184

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 19723

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/24/22 07:45	02/24/22 11:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/24/22 07:45	02/24/22 11:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/24/22 07:45	02/24/22 11:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/24/22 07:45	02/24/22 11:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/24/22 07:45	02/24/22 11:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/24/22 07:45	02/24/22 11:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*02/24/22 07:45*	*02/24/22 11:10*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*02/24/22 07:45*	*02/24/22 11:10*	*1*

Lab Sample ID: MB 880-20192/5-A
Matrix: Solid
Analysis Batch: 20184

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 20192

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/24/22 09:39	02/24/22 22:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/24/22 09:39	02/24/22 22:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/24/22 09:39	02/24/22 22:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/24/22 09:39	02/24/22 22:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/24/22 09:39	02/24/22 22:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/24/22 09:39	02/24/22 22:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*02/24/22 09:39*	*02/24/22 22:54*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*02/24/22 09:39*	*02/24/22 22:54*	*1*

Lab Sample ID: LCS 880-20192/1-A
Matrix: Solid
Analysis Batch: 20184

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 20192

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.1094		mg/Kg		109	70 - 130		
Toluene			0.100	0.1080		mg/Kg		108	70 - 130		
Ethylbenzene			0.100	0.1082		mg/Kg		108	70 - 130		
m-Xylene & p-Xylene			0.200	0.2226		mg/Kg		111	70 - 130		
o-Xylene			0.100	0.1088		mg/Kg		109	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-20192/2-A
Matrix: Solid
Analysis Batch: 20184

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 20192

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.1056		mg/Kg		106	70 - 130	4	35

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Basin Federal #012

Job ID: 880-11351-1
SDG: 15307

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

Lab Sample ID: LCSD 880-20192/2-A
Matrix: Solid
Analysis Batch: 20184

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 20192

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene			0.100	0.1044		mg/Kg		104	70 - 130	3	35
Ethylbenzene			0.100	0.1037		mg/Kg		104	70 - 130	4	35
m-Xylene & p-Xylene			0.200	0.2138		mg/Kg		107	70 - 130	4	35
o-Xylene			0.100	0.1055		mg/Kg		105	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-11351-1 MS
Matrix: Solid
Analysis Batch: 20184

Client Sample ID: Bottom Hole 1
Prep Type: Total/NA
Prep Batch: 20192

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U	0.0996	0.1030		mg/Kg		103	70 - 130
Toluene	<0.00199	U	0.0996	0.1018		mg/Kg		102	70 - 130
Ethylbenzene	<0.00199	U	0.0996	0.1002		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.199	0.2090		mg/Kg		105	70 - 130
o-Xylene	<0.00199	U	0.0996	0.1073		mg/Kg		108	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-11351-1 MSD
Matrix: Solid
Analysis Batch: 20184

Client Sample ID: Bottom Hole 1
Prep Type: Total/NA
Prep Batch: 20192

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0998	0.1114		mg/Kg		112	70 - 130	8	35
Toluene	<0.00199	U	0.0998	0.1105		mg/Kg		111	70 - 130	8	35
Ethylbenzene	<0.00199	U	0.0998	0.1094		mg/Kg		110	70 - 130	9	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.2279		mg/Kg		114	70 - 130	9	35
o-Xylene	<0.00199	U	0.0998	0.1154		mg/Kg		116	70 - 130	7	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

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

Lab Sample ID: MB 880-19690/1-A
Matrix: Solid
Analysis Batch: 19863

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 19690

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/17/22 11:56	02/19/22 12:29	1

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Basin Federal #012

Job ID: 880-11351-1
SDG: 15307

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

Lab Sample ID: MB 880-19690/1-A
Matrix: Solid
Analysis Batch: 19863

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 19690

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/17/22 11:56	02/19/22 12:29	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/17/22 11:56	02/19/22 12:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*02/17/22 11:56*	*02/19/22 12:29*	*1*
o-Terphenyl	*92*		*70 - 130*	*02/17/22 11:56*	*02/19/22 12:29*	*1*

Lab Sample ID: LCS 880-19690/2-A
Matrix: Solid
Analysis Batch: 19863

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 19690

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	961.8		mg/Kg		96	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	931.0		mg/Kg		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*100*		*70 - 130*
o-Terphenyl	*108*		*70 - 130*

Lab Sample ID: LCSD 880-19690/3-A
Matrix: Solid
Analysis Batch: 19863

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 19690

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	972.9		mg/Kg		97	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	918.4		mg/Kg		92	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*105*		*70 - 130*
o-Terphenyl	*112*		*70 - 130*

Lab Sample ID: 880-11400-A-1-E MS
Matrix: Solid
Analysis Batch: 19863

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 19690

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1155		mg/Kg		114	70 - 130		
Diesel Range Organics (Over C10-C28)	110		1000	1036		mg/Kg		93	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*76*		*70 - 130*
o-Terphenyl	*76*		*70 - 130*

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Basin Federal #012

Job ID: 880-11351-1
SDG: 15307

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

Lab Sample ID: 880-11400-A-1-F MSD
Matrix: Solid
Analysis Batch: 19863

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 19690

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1159		mg/Kg		115	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	110		998	943.7		mg/Kg		84	70 - 130	9	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*69*	*S1-*	*70 - 130*
o-Terphenyl	*69*	*S1-*	*70 - 130*

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Basin Federal #012

Job ID: 880-11351-1
SDG: 15307

GC VOA

Prep Batch: 19723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-19723/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 20184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11351-1	Bottom Hole 1	Total/NA	Solid	8021B	20192
880-11351-2	North Sidewall	Total/NA	Solid	8021B	20192
880-11351-3	East Sidewall	Total/NA	Solid	8021B	20192
880-11351-4	South Sidewall	Total/NA	Solid	8021B	20192
880-11351-5	West Sidewall	Total/NA	Solid	8021B	20192
MB 880-19723/5-A	Method Blank	Total/NA	Solid	8021B	19723
MB 880-20192/5-A	Method Blank	Total/NA	Solid	8021B	20192
LCS 880-20192/1-A	Lab Control Sample	Total/NA	Solid	8021B	20192
LCSD 880-20192/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	20192
880-11351-1 MS	Bottom Hole 1	Total/NA	Solid	8021B	20192
880-11351-1 MSD	Bottom Hole 1	Total/NA	Solid	8021B	20192

Prep Batch: 20192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11351-1	Bottom Hole 1	Total/NA	Solid	5035	
880-11351-2	North Sidewall	Total/NA	Solid	5035	
880-11351-3	East Sidewall	Total/NA	Solid	5035	
880-11351-4	South Sidewall	Total/NA	Solid	5035	
880-11351-5	West Sidewall	Total/NA	Solid	5035	
MB 880-20192/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-20192/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-20192/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-11351-1 MS	Bottom Hole 1	Total/NA	Solid	5035	
880-11351-1 MSD	Bottom Hole 1	Total/NA	Solid	5035	

Analysis Batch: 20322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11351-1	Bottom Hole 1	Total/NA	Solid	Total BTEX	
880-11351-2	North Sidewall	Total/NA	Solid	Total BTEX	
880-11351-3	East Sidewall	Total/NA	Solid	Total BTEX	
880-11351-4	South Sidewall	Total/NA	Solid	Total BTEX	
880-11351-5	West Sidewall	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 19690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11351-1	Bottom Hole 1	Total/NA	Solid	8015NM Prep	
880-11351-2	North Sidewall	Total/NA	Solid	8015NM Prep	
880-11351-3	East Sidewall	Total/NA	Solid	8015NM Prep	
880-11351-4	South Sidewall	Total/NA	Solid	8015NM Prep	
880-11351-5	West Sidewall	Total/NA	Solid	8015NM Prep	
MB 880-19690/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-19690/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-19690/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-11400-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-11400-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Basin Federal #012

Job ID: 880-11351-1
SDG: 15307

GC Semi VOA

Analysis Batch: 19863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11351-1	Bottom Hole 1	Total/NA	Solid	8015B NM	19690
880-11351-2	North Sidewall	Total/NA	Solid	8015B NM	19690
880-11351-3	East Sidewall	Total/NA	Solid	8015B NM	19690
880-11351-4	South Sidewall	Total/NA	Solid	8015B NM	19690
880-11351-5	West Sidewall	Total/NA	Solid	8015B NM	19690
MB 880-19690/1-A	Method Blank	Total/NA	Solid	8015B NM	19690
LCS 880-19690/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	19690
LCSD 880-19690/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	19690
880-11400-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	19690
880-11400-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	19690

Analysis Batch: 19986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11351-1	Bottom Hole 1	Total/NA	Solid	8015 NM	
880-11351-2	North Sidewall	Total/NA	Solid	8015 NM	
880-11351-3	East Sidewall	Total/NA	Solid	8015 NM	
880-11351-4	South Sidewall	Total/NA	Solid	8015 NM	
880-11351-5	West Sidewall	Total/NA	Solid	8015 NM	

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Job ID: 880-11351-1
Project/Site: Basin Federal #012
SDG: 15307

Client Sample ID: Bottom Hole 1
Lab Sample ID: 880-11351-1
Date Collected: 02/15/22 11:00
Matrix: Solid
Date Received: 02/16/22 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	20192	02/24/22 09:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20184	02/24/22 23:15	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			20322	02/25/22 13:43	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19986	02/21/22 19:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	19690	02/17/22 11:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19863	02/19/22 15:41	AJ	XEN MID

Client Sample ID: North Sidewall
Lab Sample ID: 880-11351-2
Date Collected: 02/15/22 11:02
Matrix: Solid
Date Received: 02/16/22 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	20192	02/24/22 09:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20184	02/24/22 23:36	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			20322	02/25/22 13:43	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19986	02/21/22 19:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	19690	02/17/22 11:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19863	02/19/22 16:02	AJ	XEN MID

Client Sample ID: East Sidewall
Lab Sample ID: 880-11351-3
Date Collected: 02/15/22 11:04
Matrix: Solid
Date Received: 02/16/22 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	20192	02/24/22 09:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20184	02/24/22 23:56	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			20322	02/25/22 13:43	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19986	02/21/22 19:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	19690	02/17/22 11:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19863	02/19/22 16:23	AJ	XEN MID

Client Sample ID: South Sidewall
Lab Sample ID: 880-11351-4
Date Collected: 02/15/22 11:06
Matrix: Solid
Date Received: 02/16/22 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	20192	02/24/22 09:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20184	02/25/22 00:17	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			20322	02/25/22 13:43	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19986	02/21/22 19:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	19690	02/17/22 11:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19863	02/19/22 16:44	AJ	XEN MID

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Job ID: 880-11351-1
Project/Site: Basin Federal #012
SDG: 15307

Client Sample ID: West Sidewall
Lab Sample ID: 880-11351-5

Date Collected: 02/15/22 11:08
Matrix: Solid

Date Received: 02/16/22 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	20192	02/24/22 09:39	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	20184	02/25/22 00:37	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			20322	02/25/22 13:43	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19986	02/21/22 19:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	19690	02/17/22 11:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1			19863	02/19/22 17:05	AJ	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
Job ID: 880-11351-1
Project/Site: Basin Federal #012
SDG: 15307

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Basin Federal #012

Job ID: 880-11351-1
SDG: 15307

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID

Protocol References:

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

Sample Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Basin Federal #012

Job ID: 880-11351-1
SDG: 15307

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-11351-1	Bottom Hole 1	Solid	02/15/22 11:00	02/16/22 13:00	18"
880-11351-2	North Sidewall	Solid	02/15/22 11:02	02/16/22 13:00	12"
880-11351-3	East Sidewall	Solid	02/15/22 11:04	02/16/22 13:00	12"
880-11351-4	South Sidewall	Solid	02/15/22 11:06	02/16/22 13:00	12"
880-11351-5	West Sidewall	Solid	02/15/22 11:08	02/16/22 13:00	12"

Chain of Custody

XENCO LABORATORIES

Houston,TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334
Midland,TX (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)

Work Order No: 11351

www.xenco.com Page 1 of 1

Project Manager:	Brandon Wilson	Bill to: (if different)	
Company Name:	Etech Environmental	Company Name:	
Address:	13000 W CR 100	Address:	
City, State ZIP:	Odessa, Tx 79765	City, State ZIP:	
Phone:	432.563-2200	Email:	brandon@etechenv.com; blake@etechenv.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Baish Federal #012	Turn Around	
Project Number:	15307	Routine	☒
P.O. Number:	15307	Rush:	
Sampler's Name:	Blake Estep	Due Date:	

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Temperature (°C):	4.6/4.7	Thermometer ID	IR8
Received Intact:	(Yes) No		
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	.1
Sample Custody Seals:	Yes No (N/A)	Total Containers:	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	TPH 8015M	BTEX 8021B
Bottom Hole 1	S	2-15-22	11:00	18"	1	X	X
North Sidewall	S	2-15-22	11:02	12"	1	X	X
East Sidewall	S	2-15-22	11:04	12"	1	X	X
South Sidewall	S	2-15-22	11:06	12"	1	X	X
West Sidewall	S	2-15-22	11:08	12"	1	X	X

Work Order Notes

TAT starts the day recevied by the lab, if received by 4:30pm

Sample Comments

Moz

880-11351 Chain of Custody

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** : Hg

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.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2		
3			4		
5			6		

Revised Date 051418 Rev. 2018.1

Login Sample Receipt Checklist

Client: Etech Environmental & Safety Solutions

Job Number: 880-11351-1
SDG Number: 15307

Login Number: 11351
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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	

CARDINAL LABORATORIES

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

ANALYTICAL RESULTS FOR
BBC INTERNATIONAL, INC.
ATTN: CLIFF BRUNSON
P.O. BOX 805
HOBBS, NM 88241
FAX TO: (575) 397-0397

Receiving Date: 08/12/09
Reporting Date: 08/12/09
Project Owner: CHESAPEAKE
Project Name: BAISH FEDERAL #12
Project Location: LOCO HILLS, NM

Analysis Date: 08/12/09
Sampling Date: 08/05/09, 08/06/09 & 08/10/09
Sample Type: SOIL
Sample Condition: INTACT @ 15°C
Sample Received By: ML
Analyzed By: HM

LAB NUMBER	SAMPLE ID	Cl^- (mg/kg)
H17973-1	SP1 1.5'	48
H17973-2	SP2 1.5'	16
H17973-3	SP3 1.5'	16
H17973-4	SP4 1'	48
H17973-5	SP5 5'	48
H17973-6	SP6 6"	128
H17963-7	SP7 1'	16
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percent Difference		< 0.1

METHOD: Standard Methods	4500-ClB

Note: Analyses performed on 1:4 w:v aqueous extracts.

Chemist

08/12/09
Date

H17973 BBC

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240
(505) 393-2326 FAX (505) 393-2476

Company Name:	BBC International, Inc.	BILL TO	
Project Manager:	Cliff Brunson	P.O. #:	
Address:	P.O. Box 805	Company:	
City:	Hobbs	State: NM Zip: 88241	Attn:
Phone #:	575-397-6388	Fax #: 575-397-0397	Address: SAME
Project #:		Project Owner: Chesapeake	City:
Project Name:	Brish Federal #12		State: Zip:
Project Location:	Loco Hills		Phone #:
Sampler Name:	Amy C. Ruth		Fax #:

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	Chloride
H17973-1	SP1 1.5'	G	1			✓					✓		8-5-09	1000	✓
-2	SP2 1.5'	G	1			✓					✓		8-5-09	1006	✓
-3	SP3 1.5'	G	1			✓					✓		8-5-09	1012	✓
-4	SP4 1'	G	1			✓					✓		8-5-09	1033	✓
-5	SP5 5'	G	1			✓					✓		8-6-09	1440	✓
-6	SP6 6"	G	1			✓					✓		8-10-09	1500	✓
-7	SP7 1'	G	1			✓					✓		8-12-09	1502	✓

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date:	Received By:	Phone Result: ☐ Yes ☐ No Add'l Phone #:
	Time:		Fax Result: ☐ Yes ☐ No Add'l Fax #:
Relinquished By:	Date: 8-12-09	Received By:	REMARKS: ASAP
	Time: 1300		
Delivered By: (Circle One)	Sample Condition: Cool ☑ Yes ☐ No	Intact ☑ Yes ☐ No	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other:	15°C		

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#26

* samples once cooling process had begun

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

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

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

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company CHESAPEAKE OPERATING, INC.	Contact BRADLEY BLEVINS
Address P. O. BOX 190 HOBBS, NM 88241	Telephone No. 575-391-1462
Facility Name Baish Federal No. 12	Facility Type Oil Well

Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE API #30-015-31376

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	9	18S	31E	990	NORTH	1650	WEST	EDDY

Latitude_____ **Longitude**_____

NATURE OF RELEASE

Type of Release Produced water	Volume of Release 40 BBLS	Volume Recovered 25 BBLS
Source of Release Flow line ruptured	07/16/09 9:30 A.M. Date and Hour of Occurrence	07/16/09 10:00 A.M. Date and Hour of Discovery
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Mike Bratcher	
By Whom? Cliff Brunson-BBC International, Inc.	Date and Hour 07/17/09 9:00 AM	
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.*
A plastic flow line ruptured releasing produced water. Vacuum trucks were used to recover free fluid. A backhoe was used to scrape wet soil to aid in the cleanup.

Describe Area Affected and Cleanup Action Taken.*
25 BBLS of fluid was recovered. Soil removal was done and backfill approval was granted by M. Bratcher of the NMOCD on August 13, 2009.

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: Bradley Bleven	OIL CONSERVATION DIVISION	
Printed Name: BRADLEY BLEVINS	Approved by District Supervisor:	
Title: EHS Specialist	Approval Date:	Expiration Date:
E-mail Address: bradley.blevins@chk.com	Conditions of Approval:	Attached ☐
Date: 6/20/12 Phone: 575-391-1462		

* Attach Additional Sheets If Necessary

Form C-141
Page 3

State of New Mexico
Oil Conservation Division

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 vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

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

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

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

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	
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: _____ Date: ___4-4-22_____

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
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 95548

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 95548
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bbillings	None	5/31/2022