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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	nAB1819053650
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Chevron USA, Inc.	OGRID: 4323
Contact Name: Amy Barnhill	Contact Telephone: 432-687-7108
Contact email: abarnhill@chevron.com	Incident # *(assigned by OCD)*: nAB1819053650
Contact mailing address: 6301 Deauville Blvd Midland, Tx 79706	

Location of Release Source

Latitude 32.29905 Longitude -104.07809
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Heritage Central Tank Battery	Site Type: Tank Battery
Date Release Discovered:06/19/2018	API# *(if applicable)*: 30-015-40166

Unit Letter	Section	Township	Range	County
N	15	23S	28E	Eddy

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

Nature and Volume of Release

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

☒ Crude Oil	Volume Released (bbls): 19.55	Volume Recovered (bbls): 16
☐ Produced Water	Volume Released (bbls):	Volume Recovered (bbls):
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release:

Heater treater fire tube gasket failure. Vessel was isolated and contents transferred to tank. Vacuum truck collected standing fluid.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	nAB1819053650
District RP	
Facility ID	
Application ID	

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

Initial Response

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

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

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

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

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

Printed Name: Amy Barnhill
Title: Environmental Advisor

Signature: Amy Barnhill
Date: 9-8-23

email: abarnhill@chevron.com
Telephone: 432-687-7108

OCD Only

Received by: _____ Date: _____

Incident ID	nAB1819053650
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?	<50 (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	nAB1819053650
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: Amy Barnhill

Title: Environmental Advisor

Signature:

Date: 9-8-23

email: abarnhill@chevron.com

Telephone: 432-687-7108

OCD Only

Received by: Shelly Wells

Date: 9/8/2023

Incident ID	nAB1819053650
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: Amy Barnhill
Title: Environmental Advisor
Signature:
Date: 9-8-23
email: abarnhill@chevron.com
Telephone: 432-687-7108

OCD Only

Received by: Shelly Wells
Date: 9/8/2023

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

Closure Approved by: Brittany Hall
Date: 9/11/2023
Printed Name: Brittany Hall
Title: Environmental Specialist

Environmental & Safety Solutions, Inc.

CLOSURE REQUEST REPORT

Heritage Central Tank Battery

Eddy County, New Mexico

Incident Number nAB1819053650

Prepared For:

Chevron USA, Inc.

6301 Deauville Blvd.

Midland, TX 79706

Carlsbad ● Midland ● San Antonio ● Lubbock ● Hobbs ● Lafayette

SYNOPSIS

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Chevron USA, Inc. (Chevron), presents the following Closure Request Report (CRR) detailing excavation activities and subsequent soil sampling activities in accordance with an approved Remediation Work Plan (RWP) for an inadvertent release of crude oil at the Heritage Central Tank Battery (Site). Based on completed remedial actions and laboratory analytical results from recent soil sampling events, Chevron is requesting No Further Action (NFA) at the Site.

SITE LOCATION AND BACKGROUND

On June 19, 2018, a gasket failure on a heater treater caused the release of approximately 19.55 barrels (bbls) of crude oil into an earthen berm containment. Vacuum trucks recovered approximately 16 bbls of free-standing fluids. Chevron reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Corrective Action Form C-141 (Form C-141), which was received by the NMOCD on July 3, 2018, and was subsequently assigned Incident Number nAB1819053650.

The production well (API 30-015-40166) for this Site is located in Unit N, Section 15, Township 23 South, Range 28 East, in Eddy County, New Mexico (32.2989922 ° N, 104.07724° W) as provided on the initial Form C-141 and is associated with oil and gas exploration and production operations on Private Land (**Figure 1** in **Appendix A**).

The heater treater, where the release occurred, is located west of the production well in Unit N, Section 15, Township 23 South, Range 28 East, in Eddy County, New Mexico (32.29905° N, 104.07809° W). The updated coordinates are provided on the Final Form C-141.

On May 2, 2022, Etech conducted a site assessment and delineation activities to assess the presence and/or absence of impacts at the Site. An RWP was prepared by Etech to address residual impacts based on laboratory analytical results from delineation activities that exceeded the Site Closure Criteria. The RWP was approved by the NMOCD on October 25, 2022.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

As previously described in the approved RWP, the Site was characterized according to Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC) considering depth to groundwater and the proximity to:

- Any continuously flowing watercourse or any other significant watercourse;
- Any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark);
- An occupied permanent residence, school, hospital, institution or church;
- A spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes;
- Any freshwater well or spring;
- Incorporated municipal boundaries or a defined municipal fresh water well field covered under a municipal ordinance;
- A wetland;
- A subsurface mine;
- An unstable area (i.e. high karst potential); and
- A 100-year floodplain.

Based on the results from the original desktop review from the approved RWP, the following Closure Criteria was applied:

Constituents of Concern (COCs)	Laboratory Analytical Method	Closure Criteria
Chloride	(Environmental Protection Agency) EPA 300.0	600 milligrams per kilogram (mg/kg)
Total Petroleum Hydrocarbon (TPH)	EPA 8015 M/D	100 mg/kg
Benzene	EPA 8021B	10 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA 8021B	50 mg/kg

Referenced well records for depth to water determination are included in **Appendix B**. Receptor details from the site characterization are included in **Figure 1** in **Appendix A**. Additional details of the approved site characterization may be referenced in the RWP.

EXCAVATION SOIL SAMPLING ACTIVITIES

On November, 2022, Etech personnel began excavating identified impacts based on laboratory analytical results and visual observations via mechanical equipment. Excavation activities were driven by field screening soil samples for volatile organic compounds (VOCs) using a photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips.

Following the removal of soil, Etech collected 5-point composite confirmation excavation soil samples at a sampling frequency of 200 square feet from the excavation floor and sidewalls. The 5-point composite samples were comprised of five equivalent aliquots homogenized in a 1-gallon, resealable plastic bag. Each sidewall sample depth represents the approximate average depth from which the five aliquots were collected. Floor samples were collected from approximately 10 inches below ground surface (bgs). The samples were then placed into lab provided pre-cleaned glass jars, packaged with minimal void space, labeled, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Permian Basin Environmental Laboratory (PBELAB) in Midland, Texas, for analysis of COCs. The location of confirmation excavation soil samples is shown in **Figure 2** in **Appendix A**.

Laboratory analytical results for soil samples Bottom Hole (BH) 1, BH4, BH5, and samples collected from the North and West Sidewalls indicated elevated TPH concentrations, ranging from 408 mg/kg to 2,200 mg/kg. As a result, additional remediation appeared warranted.

On February 15 and February 16, 2023, Etech resumed excavation activities based on elevated TPH concentrations identified by laboratory analytical results. Excavation activities were driven by field screening soil samples for VOCs and chloride, as previously described. Following additional soil removal, composite confirmation excavation soil samples were collected from the new excavation floors and sidewalls, handled, and analyzed for TPH as previously described.

Laboratory analytical results for soil samples BH1 and BH5 still indicated elevated TPH concentrations, ranging from 766 mg/kg to 8,420 mg/kg. Therefore, additional excavation activities were scheduled.

On March 27, 2023, Etech resumed excavation activities based on elevated TPH concentrations identified by laboratory analytical results. Excavation activities were driven by field screening soil samples for VOCs and chloride, as previously described. Following additional soil removal, composite confirmation excavation soil samples were collected from the new excavation floors, handled, and analyzed for TPH as previously described.

Impacted soil removed from the Site was transported to a licensed and approved New Mexico landfill under Chevron approved waste manifests. Upon receipt of the final confirmation excavation soil samples results, the excavation was backfilled with clean, locally sourced soil and the Site was restored to "as close to its original state" as possible. Photographic documentation of excavation activities is included in **Appendix C**.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for all final confirmation excavation soil samples indicated all analyzed COCs were below the Site Closure Criteria. Laboratory analytical results are summarized in **Table 1** included in **Appendix D**. The executed chain-of-custody forms and laboratory analytical reports are provided in **Appendix E**.

SITE CLOSURE REQUEST

Based on laboratory analytical results for confirmation excavation soil samples, Chevron believes residual soil impacts associated with the inadvertent release have been excavated and removed from the Site. Analyzed COC concentrations for all final excavation confirmation soil samples were below the Site Closure Criteria. As such, NFA appears warranted at this time and Incident Number nAB1819053650 should be respectfully considered for Closure by the NMOCD. Chevron believes the completed remedial actions have mitigated impacts at the Site and the requirements set forth in NMAC guidelines and be protective of human health, the environment, and groundwater.

If you have any questions or comments, please do not hesitate to contact Blake Estep at (432) 894-6038 or blake@etechenv.com. Previous remediation activities and soil sample analytical results for the subject release can be referenced in the original RWP in **Appendix F.**

Sincerely,
Etech Environmental and Safety Solutions, Inc.

Blake Estep
Project Manager

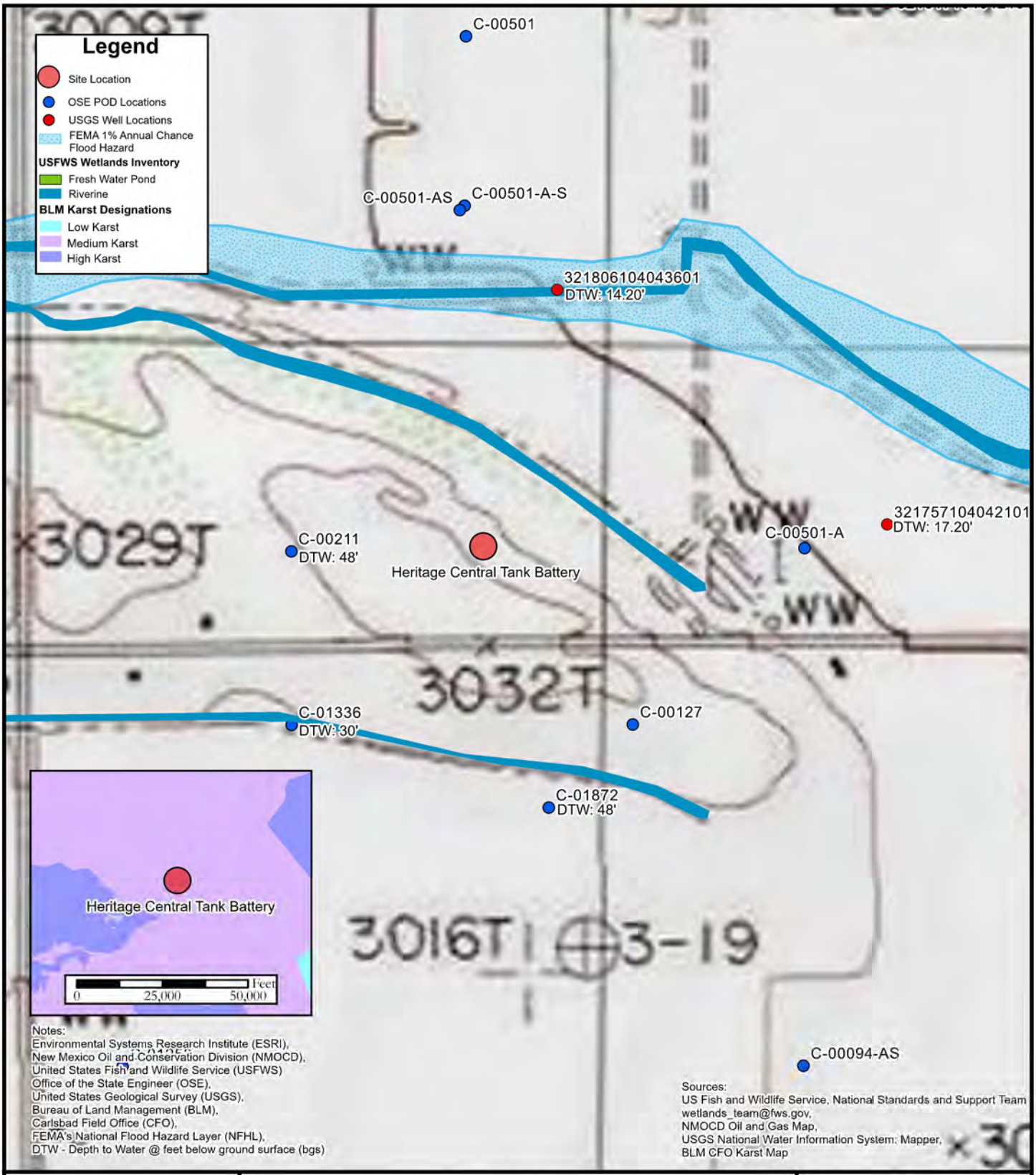
cc: Amy Barnhill, Chevron
New Mexico Oil Conservation Division

Appendices:

Appendix A: Figure 1: Site Map
Figure 2: Excavation Soil Sample Locations
Appendix B: Referenced Well Records
Appendix C: Photographic Log
Appendix D: Tables
Appendix E: Laboratory Analytical Reports & Chain-of-Custody Documentation
Appendix F: Approved Remediation Work Plan

APPENDIX A

Figures



eTECH

FIGURE 1

Site Map

Chevron USA, Inc.
Heritage Central Tank Battery
Unit N Sec 15 T23S R28E
Eddy County, New Mexico

N

0 350 700 Feet

eTECH

FIGURE 2

Excavation Soil Sample Locations

Chevron USA, Inc.
Heritage Central Tank Battery
Unit N Sec 15 T23S R28E
Eddy County, New Mexico

N

0 45 90 Feet

APPENDIX B

Referenced Well Records

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

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

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

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

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 00211		C	ED	4	3	3	15	23S	28E	586570	3573949*	226	89	48	41
C 01336		C	ED	2	1	1	22	23S	28E	586572	3573744*	309	190	30	160
C 01872		C	ED		2	1	22	23S	28E	586878	3573649*	318	68	48	20
C 00094 AS	C	CUB	ED	1	3	2	22	23S	28E	587183	3573346*	722	165	40	125
C 01253		CUB	ED	1	3	1	22	23S	28E	586375	3573338*	748	179	50	129
C 01885		C	ED		2	2	21	23S	28E	586070	3573640*	792	104	35	69

Average Depth to Water: **41 feet**
Minimum Depth: **30 feet**
Maximum Depth: **50 feet**

Record Count: 6

UTMNAD83 Radius Search (in meters):

Easting (X): 586796.75 **Northing (Y):** 3573956.72 **Radius:** 804.67

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

New Mexico Office of the State Engineer
Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 00094 AS	1	3	2	22	23S	28E	587183	3573346*

Driller License: 46 **Driller Company:** ABBOTT BROTHERS COMPANY

Driller Name: MURRELL ABBOTT

Drill Start Date:	04/23/1976	**Drill Finish Date:**	04/30/1976	**Plug Date:**	
Log File Date:	05/11/1976	**PCW Rcv Date:**	06/01/1976	**Source:**	Shallow
Pump Type:	TURBIN	**Pipe Discharge Size:**	8	**Estimated Yield:**	1900 GPM
Casing Size:	16.00	**Depth Well:**	165 feet	**Depth Water:**	40 feet

Water Bearing Stratifications:	Top	Bottom	Description
	40	165	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	85	165

Meter Number:	569	**Meter Make:**	WATER SPEC
Meter Serial Number:	934630	**Meter Multiplier:**	1.0000
Number of Dials:	4	**Meter Type:**	Diversion
Unit of Measure:	Acre-Feet	**Return Flow Percent:**	
Usage Multiplier:		**Reading Frequency:**	Quarterly

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
12/29/1998	1999	0	A	ms		0	
06/15/1999	1999	0	A	ms		0	
09/29/1999	1999	0	A	ms		0	
12/28/1999	1999	0	A	mb		0	
04/06/2000	2000	0	A	mb		0	
07/07/2000	2000	0	A	mb		0	
10/17/2000	2000	0	A	mb		0	
01/05/2001	2000	0	A	ms		0	
05/03/2001	2001	0	A	ms		0	
07/20/2001	2001	0	A	ms		0	
09/27/2001	2001	0	A	ms		0	
11/08/2001	2001	0	A	AM		0	
04/10/2002	2002	0	A	MB		0	
06/12/2002	2002	11	A	MS		11.300	
09/03/2002	2002	20	A	ms		8.820	
10/22/2002	2002	20	A	ms		0	
01/13/2003	2002	20	A	ms		0	
06/03/2003	2003	45	A	ms		24.690	
07/10/2003	2003	55	A	ms		9.730	
08/20/2003	2003	79	A	ab		24.440	

12/02/2003	2003	85	A	ab	6.270
04/10/2004	2004	85	A	RPT	0
07/10/2004	2004	85	A	RPT	0
10/30/2004	2004	85	A	RPT	0
01/03/2005	2004	85	A	TW	0
07/06/2005	2005	85	A	JW	0
04/01/2006	2006	85	A	RPT	0

x

**YTD Meter Amounts:	Year	Amount
	1999	0
	2000	0
	2001	0
	2002	20.120
	2003	65.130
	2004	0
	2005	0
	2006	0

x

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

New Mexico Office of the State Engineer
Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 00211	4	3	3	15	23S	28E	586570	3573949*

Driller License: 592 **Driller Company:** TOMBLIN DRILLING

Driller Name: J. W. TOMBLIN

Drill Start Date:	06/19/1979	**Drill Finish Date:**	06/20/1979	**Plug Date:**	
Log File Date:	09/26/1979	**PCW Rcv Date:**	12/08/1950	**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	18 GPM
Casing Size:	7.00	**Depth Well:**	89 feet	**Depth Water:**	48 feet

Water Bearing Stratifications:	Top	Bottom	Description
	75	88	Sandstone/Gravel/Conglomerate

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

New Mexico Office of the State Engineer
Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Twn	Rng	X	Y
	C 01253	1	3	1	22	23S	28E	586375	3573338*

Driller License: 410 **Driller Company:** BRININSTOOL, A.M.

Driller Name: BRININSTOOL, A.M.

Drill Start Date: 05/15/1965 **Drill Finish Date:** 06/04/1965 **Plug Date:**

Log File Date: 07/09/1965 **PCW Rcv Date:** 04/22/1966 **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

Casing Size: 20.00 **Depth Well:** 179 feet **Depth Water:** 50 feet

Water Bearing Stratifications:	Top	Bottom	Description
	80	100	Other/Unknown
	122	170	Sandstone/Gravel/Conglomerate
	170	179	Other/Unknown

Meter Number: 571 **Meter Make:** MCCROMETER

Meter Serial Number: 02-5617-10 **Meter Multiplier:** 1.0000

Number of Dials: 3 **Meter Type:** Diversion

Unit of Measure: Acre-Feet **Return Flow Percent:**

Usage Multiplier: **Reading Frequency:**

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
12/29/1998	1999	10	A	ms		0	
04/01/1999	1999	10	A	ms		0.110	
06/15/1999	1999	11	A	ms		0.660	
09/29/1999	1999	11	A	ms		0.420	
01/04/2000	1999	11	A	ms		0.070	
04/06/2000	2000	11	A	mb		0.010	
07/07/2000	2000	11	A	mb		0.180	
10/19/2000	2000	12	A	mb		0.300	
01/05/2001	2000	12	A	ms		0	
05/03/2001	2001	12	A	ms		0.140	
07/20/2001	2001	12	A	ms		0	
09/27/2001	2001	15	A	ms		2.620	
11/08/2001	2001	64	A	AM		49.290	
04/10/2002	2002	105	A	MB		41.410	
06/07/2002	2002	210	A	MS		105.240	
09/03/2002	2002	274	A	ms		63.480	
01/13/2003	2002	308	A	ms		34.440	
04/02/2003	2003	308	A	ms		0	
06/03/2003	2003	322	A	ms		13.550	
08/20/2003	2003	357	A	ab		35.370	

10/27/2003	2003	357	A	TW		0
01/06/2004	2003	0	A	RPT		0
01/06/2004	2003	357	A	ab		0
04/27/2004	2004	119	A	RPT		119.240
07/14/2004	2004	119	A	TW		0
10/20/2004	2004	119	A	TW		0
01/03/2005	2004	119	A	TW		0
03/30/2005	2005	119	A	JW		0
07/06/2005	2005	119	A	JW		0
01/05/2006	2005	119	A	TW	PUMP PULLED	0

**YTD Meter Amounts:	Year	Amount
	1999	1.260
	2000	0.490
	2001	52.050
	2002	244.570
	2003	48.920
	2004	119.240
	2005	0

Meter Number: 572 **Meter Make:** ELECTRIC

Meter Serial Number: 15082467 **Meter Multiplier:** 1.0000

Number of Dials: 5 **Meter Type:** Power Child

Unit of Measure: Kilowatt Hours **Return Flow Percent:**

Usage Multiplier: **Reading Frequency:**

Meter Readings in (Kilowatt Hours)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
12/29/1998	1999	46229	A	ms		0	
04/01/1999	1999	46240	A	ms		11.000	
06/15/1999	1999	46275	A	ms		35.000	
09/29/1999	1999	46307	A	ms		32.000	
04/06/2000	2000	5318	C	mb	Meter Reading Correction	-40989.000	
07/07/2000	2000	6318	A	mb		1000.000	
10/19/2000	2000	6336	A	mb		18.000	
07/20/2001	2001	6336	A	ms		0	
06/03/2003	2003	0	A	ms		0	

**YTD Meter Amounts:	Year	Amount
	1999	78.000
	2000	-39971.000
	2001	0
	2003	0

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

New Mexico Office of the State Engineer

Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 01336	2	1	1	22	23S	28E	586572	3573744*

Driller License: 24 **Driller Company:** BRININSTOOL, M.D.

Driller Name: HOWARD HEMLER

Drill Start Date:	09/03/1966	**Drill Finish Date:**	09/20/1966	**Plug Date:**	
Log File Date:	01/26/1967	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	7.00	**Depth Well:**	190 feet	**Depth Water:**	30 feet

Water Bearing Stratifications:	Top	Bottom	Description
	38	42	Sandstone/Gravel/Conglomerate
	66	75	Sandstone/Gravel/Conglomerate
	155	160	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	38	42

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

New Mexico Office of the State Engineer

Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 01872	2	1		22	23S	28E	586878	3573649*

Driller License: 113 **Driller Company:** MORELAND, A.J.

Driller Name: MORELAND, A.J.

Drill Start Date:	04/07/1980	**Drill Finish Date:**	06/12/1980	**Plug Date:**	
Log File Date:	07/02/1980	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	300 GPM
Casing Size:	7.00	**Depth Well:**	68 feet	**Depth Water:**	48 feet

Water Bearing Stratifications:	Top	Bottom	Description
	52	68	Sandstone/Gravel/Conglomerate

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

New Mexico Office of the State Engineer

Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Twn	Rng	X	Y
	C 01885	2	2		21	23S	28E	586070	3573640*

Driller License:	592	**Driller Company:**	TOMBLIN DRILLING		
Driller Name:	JIM TOMBLIN				
Drill Start Date:	12/10/1979	**Drill Finish Date:**	12/17/1979	**Plug Date:**	
Log File Date:	01/14/1980	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	50 GPM
Casing Size:	7.00	**Depth Well:**	104 feet	**Depth Water:**	35 feet

Water Bearing Stratifications:	Top	Bottom	Description
	56	104	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	65	104

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

APPENDIX C

Photographic Log

PHOTOGRAPHIC LOG

Chevron USA, Inc.

Heritage Central Tank Battery

Incident Number: nAB1819053650

Photograph 1	**Date: 11/29/2022**

Description: Western view during excavation activities.

Photograph 2	**Date: 02/15/2023**

Description: Northern view during excavation activities.

eTECH

PHOTOGRAPHIC LOG

Chevron USA, Inc.

Heritage Central Tank Battery

Incident Number: nAB1819053650

Photograph 3	Date: 03/27/2023

Description: Eastern view during excavation activities.

Photograph 4	Date: 03/27/2023

Description: Southwestern view during excavation activities.

PHOTOGRAPHIC LOG

Chevron USA, Inc.

Heritage Central Tank Battery

Incident Number: nAB1819053650

Photograph 5	**Date: 04/17/2023**

Description: Western view following remediation activities.

Photograph 6	**Date: 04/17/2023**

Description: Eastern view following remediation activities.

APPENDIX D

Tables

Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Chevron USA, Inc. - Heritage Central Tank Battery
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (inches bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	100	600
Excavation Soil Samples - Incident Number nAB1819053650									
Bottom Hole 1	11/29/2022	10	<0.00108	<0.00215	31.6	1,740	433	**2,200**	5.08
Bottom Hole 1A	02/16/2023	22	NA	NA	<27.5	611	155	**766**	NA
Bottom Hole 1B	03/27/2023	30	NA	NA	<25.3	<25.3	<25.3	<25.3	NA
Bottom Hole 2	11/29/2022	10	<0.00112	<0.00225	<28.1	<28.1	<28.1	<28.1	**233**
Bottom Hole 3	11/29/2022	10	<0.00111	<0.00222	<27.8	<27.8	<27.8	<27.8	11.3
Bottom Hole 4	11/29/2022	10	<0.00104	<0.00208	<26.0	840	239	**1,080**	18.0
Bottom Hole 4A	02/16/2023	22	NA	NA	<28.4	84.5	<28.4	84.5	NA
Bottom Hole 5	11/29/2022	10	<0.00106	<0.00213	<26.6	917	305	**1,220**	31.7
Bottom Hole 5A	02/16/2023	22	NA	NA	<134	6,650	1,170	**8,420**	NA
Bottom Hole 5B	03/27/2023	30	NA	NA	<25.3	36.7	32.5	69.2	NA
North Sidewall	11/29/2022	5	<0.00108	<0.00215	<26.9	314	93.5	**408**	<1.08
North Sidewall 1A	02/16/2023	10	NA	NA	<27.5	51.7	<27.5	51.7	NA
East Sidewall	11/29/2022	5	<0.00106	<0.00213	<26.6	55.4	<26.6	55.4	2.11
South Sidewall	11/29/2022	5	<0.00109	<0.00217	<27.2	<27.2	<27.2	<27.2	512
West Sidewall	11/29/2022	5	<0.00109	<0.00217	<27.2	833	185	**1,020**	4.38
West Sidewall 1A	02/16/2023	10	NA	NA	<27.8	<27.8	<27.8	<27.8	NA

Notes:
bgs: below ground surface
mg/kg: milligrams per kilogram
BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
GRO: Gasoline Range Organics
DRO: Diesel Range Organics
ORO: Oil Range Organics
TPH: Total Petroleum Hydrocarbon
NMOCD: New Mexico Oil Conservation Division
NMAC: New Mexico Administrative Code
Concentrations in "grey" represent excavated soil samples
*Concentrations in **bold** exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard for Soils Impacted by a Release*
NA: Not Analyzed

APPENDIX E

Laboratory Analytical Reports & Chain-of-Custody Documentation

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

Analytical Report

Prepared for:

Blake Estep
E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa, TX 79765

Project: Heritage CTB
Project Number: 15980
Location: New Mexico

Lab Order Number: 2L02014

Current Certification

Report Date: 12/09/22

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Bottom Hole - 1 @ 10"	2L02014-01	Soil	11/29/22 14:00	12-02-2022 12:40
Bottom Hole - 2 @ 10"	2L02014-02	Soil	11/29/22 14:02	12-02-2022 12:40
Bottom Hole - 3 @ 10"	2L02014-03	Soil	11/29/22 14:04	12-02-2022 12:40
Bottom Hole - 4 @ 10"	2L02014-04	Soil	11/29/22 14:06	12-02-2022 12:40
Bottom Hole - 5 @ 10"	2L02014-05	Soil	11/29/22 14:08	12-02-2022 12:40
North Sidewall @ 5"	2L02014-06	Soil	11/29/22 14:10	12-02-2022 12:40
East Sidewall @ 5"	2L02014-07	Soil	11/29/22 14:12	12-02-2022 12:40
South Sidewall @ 5"	2L02014-08	Soil	11/29/22 14:14	12-02-2022 12:40
West Sidewall @ 5"	2L02014-09	Soil	11/29/22 14:16	12-02-2022 12:40

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 1 @ 10''

2L02014-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P2L0503	12/05/22 13:09	12/06/22 00:50	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P2L0503	12/05/22 13:09	12/06/22 00:50	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P2L0503	12/05/22 13:09	12/06/22 00:50	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P2L0503	12/05/22 13:09	12/06/22 00:50	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P2L0503	12/05/22 13:09	12/06/22 00:50	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-120*		*P2L0503*	*12/05/22 13:09*	*12/06/22 00:50*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*88.2 %*	*80-120*		*P2L0503*	*12/05/22 13:09*	*12/06/22 00:50*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**31.6**	26.9	mg/kg dry	1	P2L0602	12/06/22 09:00	12/06/22 15:12	TPH 8015M	
>C12-C28	**1740**	26.9	mg/kg dry	1	P2L0602	12/06/22 09:00	12/06/22 15:12	TPH 8015M	
>C28-C35	**433**	26.9	mg/kg dry	1	P2L0602	12/06/22 09:00	12/06/22 15:12	TPH 8015M	
Surrogate: 1-Chlorooctane		*105 %*	*70-130*		*P2L0602*	*12/06/22 09:00*	*12/06/22 15:12*	*TPH 8015M*	
Surrogate: o-Terphenyl		*116 %*	*70-130*		*P2L0602*	*12/06/22 09:00*	*12/06/22 15:12*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**2200**	26.9	mg/kg dry	1	[CALC]	12/06/22 09:00	12/06/22 15:12	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.08**	1.08	mg/kg dry	1	P2L0505	12/05/22 15:51	12/06/22 12:02	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P2L0707	12/07/22 13:14	12/07/22 13:37	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 2 @ 10''

2L02014-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00112	mg/kg dry	1	P2L0503	12/05/22 13:09	12/06/22 01:11	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P2L0503	12/05/22 13:09	12/06/22 01:11	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P2L0503	12/05/22 13:09	12/06/22 01:11	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P2L0503	12/05/22 13:09	12/06/22 01:11	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P2L0503	12/05/22 13:09	12/06/22 01:11	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*87.3 %*	*80-120*		*P2L0503*	*12/05/22 13:09*	*12/06/22 01:11*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*114 %*	*80-120*		*P2L0503*	*12/05/22 13:09*	*12/06/22 01:11*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P2L0602	12/06/22 09:00	12/06/22 15:33	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P2L0602	12/06/22 09:00	12/06/22 15:33	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P2L0602	12/06/22 09:00	12/06/22 15:33	TPH 8015M	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		*P2L0602*	*12/06/22 09:00*	*12/06/22 15:33*	*TPH 8015M*	
Surrogate: o-Terphenyl		*113 %*	*70-130*		*P2L0602*	*12/06/22 09:00*	*12/06/22 15:33*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	12/06/22 09:00	12/06/22 15:33	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**233**	1.12	mg/kg dry	1	P2L0505	12/05/22 15:51	12/06/22 12:15	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P2L0707	12/07/22 13:14	12/07/22 13:37	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 3 @ 10''

2L02014-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00111	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 14:46	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 14:46	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 14:46	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 14:46	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 14:46	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*83.9 %*	*80-120*		*P2L0603*	*12/06/22 10:48*	*12/06/22 14:46*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*119 %*	*80-120*		*P2L0603*	*12/06/22 10:48*	*12/06/22 14:46*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P2L0602	12/06/22 09:00	12/06/22 15:55	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P2L0602	12/06/22 09:00	12/06/22 15:55	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P2L0602	12/06/22 09:00	12/06/22 15:55	TPH 8015M	
Surrogate: 1-Chlorooctane		*100 %*	*70-130*		*P2L0602*	*12/06/22 09:00*	*12/06/22 15:55*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P2L0602*	*12/06/22 09:00*	*12/06/22 15:55*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	12/06/22 09:00	12/06/22 15:55	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**11.3**	1.11	mg/kg dry	1	P2L0505	12/05/22 15:51	12/06/22 12:28	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P2L0707	12/07/22 13:14	12/07/22 13:37	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 4 @ 10''

2L02014-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 15:08	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 15:08	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 15:08	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 15:08	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 15:08	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*84.1 %*	*80-120*		*P2L0603*	*12/06/22 10:48*	*12/06/22 15:08*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		*P2L0603*	*12/06/22 10:48*	*12/06/22 15:08*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P2L0602	12/06/22 09:00	12/06/22 16:16	TPH 8015M	
>C12-C28	**840**	26.0	mg/kg dry	1	P2L0602	12/06/22 09:00	12/06/22 16:16	TPH 8015M	
>C28-C35	**239**	26.0	mg/kg dry	1	P2L0602	12/06/22 09:00	12/06/22 16:16	TPH 8015M	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		*P2L0602*	*12/06/22 09:00*	*12/06/22 16:16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*114 %*	*70-130*		*P2L0602*	*12/06/22 09:00*	*12/06/22 16:16*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**1080**	26.0	mg/kg dry	1	[CALC]	12/06/22 09:00	12/06/22 16:16	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**18.0**	1.04	mg/kg dry	1	P2L0505	12/05/22 15:51	12/06/22 12:41	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P2L0707	12/07/22 13:14	12/07/22 13:37	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 5 @ 10''

2L02014-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 15:29	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 15:29	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 15:29	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 15:29	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 15:29	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*84.1 %*	*80-120*		*P2L0603*	*12/06/22 10:48*	*12/06/22 15:29*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*108 %*	*80-120*		*P2L0603*	*12/06/22 10:48*	*12/06/22 15:29*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P2L0602	12/06/22 09:00	12/06/22 16:38	TPH 8015M	
>C12-C28	**917**	26.6	mg/kg dry	1	P2L0602	12/06/22 09:00	12/06/22 16:38	TPH 8015M	
>C28-C35	**305**	26.6	mg/kg dry	1	P2L0602	12/06/22 09:00	12/06/22 16:38	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P2L0602*	*12/06/22 09:00*	*12/06/22 16:38*	*TPH 8015M*	
Surrogate: o-Terphenyl		*112 %*	*70-130*		*P2L0602*	*12/06/22 09:00*	*12/06/22 16:38*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**1220**	26.6	mg/kg dry	1	[CALC]	12/06/22 09:00	12/06/22 16:38	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**31.7**	1.06	mg/kg dry	1	P2L0505	12/05/22 15:51	12/06/22 12:55	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P2L0707	12/07/22 13:14	12/07/22 13:37	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

North Sidewall @ 5''

2L02014-06 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 15:51	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 15:51	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 15:51	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 15:51	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 15:51	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*84.6 %*	*80-120*		*P2L0603*	*12/06/22 10:48*	*12/06/22 15:51*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*107 %*	*80-120*		*P2L0603*	*12/06/22 10:48*	*12/06/22 15:51*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P2L0602	12/06/22 09:00	12/06/22 17:43	TPH 8015M	
>C12-C28	**314**	26.9	mg/kg dry	1	P2L0602	12/06/22 09:00	12/06/22 17:43	TPH 8015M	
>C28-C35	**93.5**	26.9	mg/kg dry	1	P2L0602	12/06/22 09:00	12/06/22 17:43	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.0 %*	*70-130*		*P2L0602*	*12/06/22 09:00*	*12/06/22 17:43*	*TPH 8015M*	
Surrogate: o-Terphenyl		*108 %*	*70-130*		*P2L0602*	*12/06/22 09:00*	*12/06/22 17:43*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**408**	26.9	mg/kg dry	1	[CALC]	12/06/22 09:00	12/06/22 17:43	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.08	mg/kg dry	1	P2L0505	12/05/22 15:51	12/06/22 13:08	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P2L0707	12/07/22 13:14	12/07/22 13:37	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

East Sidewall @ 5"

2L02014-07 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 16:12	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 16:12	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 16:12	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 16:12	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 16:12	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*119 %*	*80-120*		*P2L0603*	*12/06/22 10:48*	*12/06/22 16:12*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*84.9 %*	*80-120*		*P2L0603*	*12/06/22 10:48*	*12/06/22 16:12*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P2L0602	12/06/22 09:00	12/06/22 18:04	TPH 8015M	
>C12-C28	**55.4**	26.6	mg/kg dry	1	P2L0602	12/06/22 09:00	12/06/22 18:04	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P2L0602	12/06/22 09:00	12/06/22 18:04	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.7 %*	*70-130*		*P2L0602*	*12/06/22 09:00*	*12/06/22 18:04*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P2L0602*	*12/06/22 09:00*	*12/06/22 18:04*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**55.4**	26.6	mg/kg dry	1	[CALC]	12/06/22 09:00	12/06/22 18:04	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2.11**	1.06	mg/kg dry	1	P2L0505	12/05/22 15:51	12/06/22 13:21	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P2L0707	12/07/22 13:14	12/07/22 13:37	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

South Sidewall @ 5''

2L02014-08 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00109	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 16:34	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 16:34	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 16:34	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 16:34	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 16:34	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*84.2 %*	*80-120*		*P2L0603*	*12/06/22 10:48*	*12/06/22 16:34*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*116 %*	*80-120*		*P2L0603*	*12/06/22 10:48*	*12/06/22 16:34*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P2L0602	12/06/22 09:00	12/06/22 18:26	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P2L0602	12/06/22 09:00	12/06/22 18:26	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P2L0602	12/06/22 09:00	12/06/22 18:26	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P2L0602*	*12/06/22 09:00*	*12/06/22 18:26*	*TPH 8015M*	
Surrogate: o-Terphenyl		*112 %*	*70-130*		*P2L0602*	*12/06/22 09:00*	*12/06/22 18:26*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	12/06/22 09:00	12/06/22 18:26	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**512**	1.09	mg/kg dry	1	P2L0506	12/05/22 16:19	12/06/22 15:35	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P2L0707	12/07/22 13:14	12/07/22 13:37	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

West Sidewall @ 5''

2L02014-09 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00109	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 16:55	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 16:55	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 16:55	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 16:55	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P2L0603	12/06/22 10:48	12/06/22 16:55	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*86.9 %*	*80-120*		*P2L0603*	*12/06/22 10:48*	*12/06/22 16:55*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*110 %*	*80-120*		*P2L0603*	*12/06/22 10:48*	*12/06/22 16:55*	*EPA 8021B*	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P2L0602	12/06/22 09:00	12/06/22 18:47	TPH 8015M	
>C12-C28	**833**	27.2	mg/kg dry	1	P2L0602	12/06/22 09:00	12/06/22 18:47	TPH 8015M	
>C28-C35	**185**	27.2	mg/kg dry	1	P2L0602	12/06/22 09:00	12/06/22 18:47	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P2L0602*	*12/06/22 09:00*	*12/06/22 18:47*	*TPH 8015M*	
Surrogate: o-Terphenyl		*118 %*	*70-130*		*P2L0602*	*12/06/22 09:00*	*12/06/22 18:47*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**1020**	27.2	mg/kg dry	1	[CALC]	12/06/22 09:00	12/06/22 18:47	calc	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**4.38**	1.09	mg/kg dry	1	P2L0506	12/05/22 16:19	12/06/22 15:48	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P2L0707	12/07/22 13:14	12/07/22 13:37	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2L0503 - * DEFAULT PREP *** **										
Blank (P2L0503-BLK1)				Prepared & Analyzed: 12/05/22						
Benzene	ND	0.00100	mg/kg							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.101*		"	*0.120*		*84.6*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.119*		"	*0.120*		*99.2*	*80-120*			
LCS (P2L0503-BS1)				Prepared & Analyzed: 12/05/22						
Benzene	0.102	0.00100	mg/kg	0.100		102	80-120			
Toluene	0.108	0.00100	"	0.100		108	80-120			
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
Xylene (p/m)	0.195	0.00200	"	0.200		97.6	80-120			
Xylene (o)	0.110	0.00100	"	0.100		110	80-120			
Surrogate: 1,4-Difluorobenzene	*0.107*		"	*0.120*		*89.4*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.138*		"	*0.120*		*115*	*80-120*			
LCS Dup (P2L0503-BSD1)				Prepared & Analyzed: 12/05/22						
Benzene	0.115	0.00100	mg/kg	0.100		115	80-120	11.9	20	
Toluene	0.119	0.00100	"	0.100		119	80-120	10.2	20	
Ethylbenzene	0.118	0.00100	"	0.100		118	80-120	4.00	20	
Xylene (p/m)	0.211	0.00200	"	0.200		105	80-120	7.56	20	
Xylene (o)	0.119	0.00100	"	0.100		119	80-120	7.83	20	
Surrogate: 1,4-Difluorobenzene	*0.108*		"	*0.120*		*89.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.137*		"	*0.120*		*114*	*80-120*			
Calibration Blank (P2L0503-CCB1)				Prepared & Analyzed: 12/05/22						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.140		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.128*		"	*0.120*		*107*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.0980*		"	*0.120*		*81.6*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2L0503 - * DEFAULT PREP *** **										
Calibration Blank (P2L0503-CCB2)				Prepared & Analyzed: 12/05/22						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.120		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.102*		*"*	*0.120*		*84.9*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.126*		*"*	*0.120*		*105*	*80-120*			
Calibration Check (P2L0503-CCV1)				Prepared & Analyzed: 12/05/22						
Benzene	0.0996	0.00100	mg/kg				80-120			
Toluene	0.107	0.00100	"				80-120			
Ethylbenzene	0.117	0.00100	"				80-120			
Xylene (p/m)	0.193	0.00200	"				80-120			
Xylene (o)	0.117	0.00100	"				80-120			
Surrogate: 4-Bromofluorobenzene	*0.129*		*"*	*0.120*		*107*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.102*		*"*	*0.120*		*85.0*	*75-125*			
Calibration Check (P2L0503-CCV2)				Prepared & Analyzed: 12/05/22						
Benzene	0.110	0.00100	mg/kg				80-120			
Toluene	0.114	0.00100	"				80-120			
Ethylbenzene	0.119	0.00100	"				80-120			
Xylene (p/m)	0.197	0.00200	"				80-120			
Xylene (o)	0.119	0.00100	"				80-120			
Surrogate: 1,4-Difluorobenzene	*0.107*		*"*	*0.120*		*89.5*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.131*		*"*	*0.120*		*109*	*75-125*			
Calibration Check (P2L0503-CCV3)				Prepared: 12/05/22 Analyzed: 12/06/22						
Benzene	0.112	0.00100	mg/kg				80-120			
Toluene	0.117	0.00100	"				80-120			
Ethylbenzene	0.119	0.00100	"				80-120			
Xylene (p/m)	0.199	0.00200	"				80-120			
Xylene (o)	0.119	0.00100	"				80-120			
Surrogate: 1,4-Difluorobenzene	*0.105*		*"*	*0.120*		*87.6*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.132*		*"*	*0.120*		*110*	*75-125*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2L0503 - * DEFAULT PREP *** **										
Matrix Spike (P2L0503-MS1)	**Source: 2L02002-01**			Prepared: 12/05/22 Analyzed: 12/06/22						
Benzene	0.0129	0.00103	mg/kg dry	0.103	ND	12.5	80-120			QM-05
Toluene	0.0115	0.00103	"	0.103	ND	11.1	80-120			QM-05
Ethylbenzene	0.0180	0.00103	"	0.103	ND	17.4	80-120			QM-05
Xylene (p/m)	0.00540	0.00206	"	0.206	ND	2.62	80-120			QM-05
Xylene (o)	0.0302	0.00103	"	0.103	ND	29.3	80-120			QM-05
Surrogate: 1,4-Difluorobenzene	*0.111*		*"*	*0.124*		*89.9*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.123*		*"*	*0.124*		*99.3*	*80-120*			
Matrix Spike Dup (P2L0503-MSD1)	**Source: 2L02002-01**			Prepared: 12/05/22 Analyzed: 12/06/22						
Benzene	0.00410	0.00103	mg/kg dry	0.103	ND	3.98	80-120	103	20	QM-05
Toluene	0.00374	0.00103	"	0.103	ND	3.63	80-120	102	20	QM-05
Ethylbenzene	0.00368	0.00103	"	0.103	ND	3.57	80-120	132	20	QM-05
Xylene (p/m)	ND	0.00206	"	0.206	ND		80-120		20	QM-05
Xylene (o)	0.000639	0.00103	"	0.103	ND	0.620	80-120	192	20	QM-05
Surrogate: 1,4-Difluorobenzene	*0.112*		*"*	*0.124*		*90.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.131*		*"*	*0.124*		*106*	*80-120*			
Batch P2L0603 - * DEFAULT PREP *** **										
Blank (P2L0603-BLK1)				Prepared & Analyzed: 12/06/22						
Benzene	ND	0.00100	mg/kg							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.135*		*"*	*0.120*		*112*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.100*		*"*	*0.120*		*83.6*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2L0603 - * DEFAULT PREP *** **										
LCS (P2L0603-BS1)				Prepared & Analyzed: 12/06/22						
Benzene	0.113	0.00100	mg/kg	0.100		113	80-120			
Toluene	0.118	0.00100	"	0.100		118	80-120			
Ethylbenzene	0.118	0.00100	"	0.100		118	80-120			
Xylene (p/m)	0.207	0.00200	"	0.200		104	80-120			
Xylene (o)	0.120	0.00100	"	0.100		120	80-120			
Surrogate: 1,4-Difluorobenzene	*0.105*		*"*	*0.120*		*87.6*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.138*		*"*	*0.120*		*115*	*80-120*			
LCS Dup (P2L0603-BSD1)				Prepared & Analyzed: 12/06/22						
Benzene	0.112	0.00100	mg/kg	0.100		112	80-120	1.63	20	
Toluene	0.115	0.00100	"	0.100		115	80-120	2.48	20	
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120	0.0766	20	
Xylene (p/m)	0.199	0.00200	"	0.200		99.7	80-120	3.90	20	
Xylene (o)	0.118	0.00100	"	0.100		118	80-120	1.41	20	
Surrogate: 1,4-Difluorobenzene	*0.103*		*"*	*0.120*		*85.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.134*		*"*	*0.120*		*111*	*80-120*			
Calibration Blank (P2L0603-CCB1)				Prepared & Analyzed: 12/06/22						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.100		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.101*		*"*	*0.120*		*84.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.128*		*"*	*0.120*		*106*	*80-120*			
Calibration Blank (P2L0603-CCB2)				Prepared & Analyzed: 12/06/22						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.120		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.102*		*"*	*0.120*		*85.3*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.126*		*"*	*0.120*		*105*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2L0603 - * DEFAULT PREP *** **										
Calibration Blank (P2L0603-CCB3)				Prepared & Analyzed: 12/06/22						
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.130		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.103*		*"*	*0.120*		*85.7*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.126*		*"*	*0.120*		*105*	*80-120*			
Calibration Check (P2L0603-CCV1)				Prepared & Analyzed: 12/06/22						
Benzene	0.119	0.00100	mg/kg	0.100		119	80-120			
Toluene	0.116	0.00100	"	0.100		116	80-120			
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120			
Xylene (p/m)	0.187	0.00200	"	0.200		93.3	80-120			
Xylene (o)	0.119	0.00100	"	0.100		119	80-120			
Surrogate: 1,4-Difluorobenzene	*0.103*		*"*	*0.120*		*85.6*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*99.1*	*75-125*			
Calibration Check (P2L0603-CCV2)				Prepared & Analyzed: 12/06/22						
Benzene	0.118	0.00100	mg/kg	0.100		118	80-120			
Toluene	0.116	0.00100	"	0.100		116	80-120			
Ethylbenzene	0.118	0.00100	"	0.100		118	80-120			
Xylene (p/m)	0.188	0.00200	"	0.200		93.9	80-120			
Xylene (o)	0.117	0.00100	"	0.100		117	80-120			
Surrogate: 1,4-Difluorobenzene	*0.0993*		*"*	*0.120*		*82.7*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.118*		*"*	*0.120*		*98.4*	*75-125*			
Calibration Check (P2L0603-CCV3)				Prepared & Analyzed: 12/06/22						
Benzene	0.119	0.00100	mg/kg	0.100		119	80-120			
Toluene	0.120	0.00100	"	0.100		120	80-120			
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120			
Xylene (p/m)	0.198	0.00200	"	0.200		98.9	80-120			
Xylene (o)	0.118	0.00100	"	0.100		118	80-120			
Surrogate: 1,4-Difluorobenzene	*0.103*		*"*	*0.120*		*85.9*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.131*		*"*	*0.120*		*109*	*75-125*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2L0603 - * DEFAULT PREP *** **										
Matrix Spike (P2L0603-MS1)		**Source: 2L05001-01**		Prepared & Analyzed: 12/06/22						
Benzene	0.104	0.00108	mg/kg dry	0.108	ND	97.1	80-120			
Toluene	0.107	0.00108	"	0.108	0.000613	98.9	80-120			
Ethylbenzene	0.118	0.00108	"	0.108	ND	110	80-120			
Xylene (p/m)	0.186	0.00215	"	0.215	ND	86.7	80-120			
Xylene (o)	0.106	0.00108	"	0.108	ND	98.9	80-120			
Surrogate: 1,4-Difluorobenzene	*0.120*		"	*0.129*		*93.3*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.160*		"	*0.129*		*124*	*80-120*			*S-GC*
Matrix Spike Dup (P2L0603-MSD1)		**Source: 2L05001-01**		Prepared & Analyzed: 12/06/22						
Benzene	0.108	0.00108	mg/kg dry	0.108	ND	101	80-120	3.75	20	
Toluene	0.111	0.00108	"	0.108	0.000613	102	80-120	3.56	20	
Ethylbenzene	0.122	0.00108	"	0.108	ND	113	80-120	3.36	20	
Xylene (p/m)	0.193	0.00215	"	0.215	ND	89.6	80-120	3.23	20	
Xylene (o)	0.109	0.00108	"	0.108	ND	101	80-120	2.20	20	
Surrogate: 1,4-Difluorobenzene	*0.121*		"	*0.129*		*94.1*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.163*		"	*0.129*		*126*	*80-120*			*S-GC*

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2L0602 - TX 1005										
Blank (P2L0602-BLK1)				Prepared & Analyzed: 12/06/22						
C6-C12	ND	25.0	mg/kg							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*116*		*"*	*100*		*116*	*70-130*			
Surrogate: o-Terphenyl	*62.8*		*"*	*50.0*		*126*	*70-130*			
LCS (P2L0602-BS1)				Prepared & Analyzed: 12/06/22						
C6-C12	786	25.0	mg/kg	1000		78.6	75-125			
>C12-C28	871	25.0	"	1000		87.1	75-125			
Surrogate: 1-Chlorooctane	*120*		*"*	*100*		*120*	*70-130*			
Surrogate: o-Terphenyl	*62.9*		*"*	*50.0*		*126*	*70-130*			
LCS Dup (P2L0602-BSD1)				Prepared & Analyzed: 12/06/22						
C6-C12	812	25.0	mg/kg	1000		81.2	75-125	3.23	20	
>C12-C28	861	25.0	"	1000		86.1	75-125	1.12	20	
Surrogate: 1-Chlorooctane	*116*		*"*	*100*		*116*	*70-130*			
Surrogate: o-Terphenyl	*59.6*		*"*	*50.0*		*119*	*70-130*			
Calibration Blank (P2L0602-CCB1)				Prepared & Analyzed: 12/06/22						
C6-C12	16.8		mg/kg							
>C12-C28	6.25		"							
Surrogate: 1-Chlorooctane	*108*		*"*	*100*		*108*	*70-130*			
Surrogate: o-Terphenyl	*58.1*		*"*	*50.0*		*116*	*70-130*			
Calibration Blank (P2L0602-CCB2)				Prepared & Analyzed: 12/06/22						
C6-C12	10.3		mg/kg							
>C12-C28	14.4		"							
Surrogate: 1-Chlorooctane	*110*		*"*	*100*		*110*	*70-130*			
Surrogate: o-Terphenyl	*58.7*		*"*	*50.0*		*117*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2L0602 - TX 1005										
Calibration Check (P2L0602-CCV1)				Prepared & Analyzed: 12/06/22						
C6-C12	459	25.0	mg/kg	500		91.7	85-115			
>C12-C28	530	25.0	"	500		106	85-115			
Surrogate: 1-Chlorooctane	*130*		*"*	*100*		*130*	*70-130*			
Surrogate: o-Terphenyl	*58.3*		*"*	*50.0*		*117*	*70-130*			
Calibration Check (P2L0602-CCV2)				Prepared & Analyzed: 12/06/22						
C6-C12	472	25.0	mg/kg	500		94.4	85-115			
>C12-C28	507	25.0	"	500		101	85-115			
Surrogate: 1-Chlorooctane	*109*		*"*	*100*		*109*	*70-130*			
Surrogate: o-Terphenyl	*59.8*		*"*	*50.0*		*120*	*70-130*			
Calibration Check (P2L0602-CCV3)				Prepared: 12/06/22 Analyzed: 12/07/22						
C6-C12	472	25.0	mg/kg	500		94.4	85-115			
>C12-C28	523	25.0	"	500		105	85-115			
Surrogate: 1-Chlorooctane	*114*		*"*	*100*		*114*	*70-130*			
Surrogate: o-Terphenyl	*58.2*		*"*	*50.0*		*116*	*70-130*			
Duplicate (P2L0602-DUP1)		**Source: 2L02013-03**		Prepared: 12/06/22 Analyzed: 12/07/22						
C6-C12	158	284	mg/kg dry		115			31.5	20	
>C12-C28	3860	284	"		3870			0.268	20	
Surrogate: 1-Chlorooctane	*115*		*"*	*114*		*101*	*70-130*			
Surrogate: o-Terphenyl	*61.9*		*"*	*56.8*		*109*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2L0505 - * DEFAULT PREP *** **										
Blank (P2L0505-BLK1)				Prepared & Analyzed: 12/05/22						
Chloride	ND	1.00	mg/kg							
LCS (P2L0505-BS1)				Prepared & Analyzed: 12/05/22						
Chloride	20.3		mg/kg	20.0		102	90-110			
LCS Dup (P2L0505-BSD1)				Prepared & Analyzed: 12/05/22						
Chloride	20.8		mg/kg	20.0		104	90-110	2.61	10	
Calibration Blank (P2L0505-CCB1)				Prepared & Analyzed: 12/05/22						
Chloride	0.0570		mg/kg							
Calibration Blank (P2L0505-CCB2)				Prepared: 12/05/22 Analyzed: 12/06/22						
Chloride	0.158		mg/kg							
Calibration Check (P2L0505-CCV1)				Prepared: 12/05/22 Analyzed: 12/07/22						
Chloride	18.6		mg/kg	20.0		93.1	90-110			
Calibration Check (P2L0505-CCV2)				Prepared: 12/05/22 Analyzed: 12/07/22						
Chloride	18.4		mg/kg	20.0		92.0	90-110			
Calibration Check (P2L0505-CCV3)				Prepared: 12/05/22 Analyzed: 12/06/22						
Chloride	20.6		mg/kg	20.0		103	90-110			
Matrix Spike (P2L0505-MS1)		**Source: 2L02006-05**		Prepared & Analyzed: 12/05/22						
Chloride	577	1.08	mg/kg dry	269	308	100	80-120			
Matrix Spike (P2L0505-MS2)		**Source: 2L02013-05**		Prepared: 12/05/22 Analyzed: 12/06/22						
Chloride	527	1.10	mg/kg dry	275	324	73.9	80-120			QM-05

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2L0505 - * DEFAULT PREP *** **										
Matrix Spike Dup (P2L0505-MSD1)	**Source: 2L02006-05**			Prepared & Analyzed: 12/05/22						
Chloride	544	1.08	mg/kg dry	269	308	88.1	80-120	5.82	20	
Matrix Spike Dup (P2L0505-MSD2)	**Source: 2L02013-05**			Prepared: 12/05/22 Analyzed: 12/06/22						
Chloride	525	1.10	mg/kg dry	275	324	73.3	80-120	0.307	20	QM-05
Batch P2L0506 - * DEFAULT PREP *** **										
Blank (P2L0506-BLK1)				Prepared: 12/05/22 Analyzed: 12/06/22						
Chloride	ND	1.00	mg/kg							
LCS (P2L0506-BS1)				Prepared: 12/05/22 Analyzed: 12/06/22						
Chloride	21.8		mg/kg	20.0		109	90-110			
LCS Dup (P2L0506-BSD1)				Prepared: 12/05/22 Analyzed: 12/07/22						
Chloride	19.1		mg/kg	20.0		95.4	90-110	13.5	10	
Calibration Blank (P2L0506-CCB1)				Prepared: 12/05/22 Analyzed: 12/06/22						
Chloride	0.00		mg/kg							
Calibration Blank (P2L0506-CCB2)				Prepared: 12/05/22 Analyzed: 12/06/22						
Chloride	0.0670		mg/kg							
Calibration Check (P2L0506-CCV1)				Prepared: 12/05/22 Analyzed: 12/06/22						
Chloride	20.6		mg/kg	20.0		103	90-110			
Calibration Check (P2L0506-CCV2)				Prepared: 12/05/22 Analyzed: 12/06/22						
Chloride	20.5		mg/kg	20.0		102	90-110			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2L0506 - * DEFAULT PREP *** **										
Calibration Check (P2L0506-CCV3)				Prepared: 12/05/22 Analyzed: 12/06/22						
Chloride	20.7		mg/kg	20.0		104	90-110			
Matrix Spike (P2L0506-MS1)		Source: 2L05008-01		Prepared: 12/05/22 Analyzed: 12/06/22						
Chloride	13000	54.3	mg/kg dry	2720	10100	105	80-120			
Matrix Spike (P2L0506-MS2)		Source: 2L02016-10		Prepared: 12/05/22 Analyzed: 12/06/22						
Chloride	9990	28.1	mg/kg dry	1400	8450	110	80-120			
Matrix Spike Dup (P2L0506-MSD1)		Source: 2L05008-01		Prepared: 12/05/22 Analyzed: 12/06/22						
Chloride	13500	54.3	mg/kg dry	2720	10100	125	80-120	4.21	20	QM-05
Matrix Spike Dup (P2L0506-MSD2)		Source: 2L02016-10		Prepared: 12/05/22 Analyzed: 12/06/22						
Chloride	9900	28.1	mg/kg dry	1400	8450	103	80-120	0.927	20	
Batch P2L0707 - * DEFAULT PREP *** **										
Blank (P2L0707-BLK1)				Prepared & Analyzed: 12/07/22						
% Moisture	ND	0.1	%							
Blank (P2L0707-BLK2)				Prepared & Analyzed: 12/07/22						
% Moisture	ND	0.1	%							
Duplicate (P2L0707-DUP1)		Source: 2L02013-04		Prepared & Analyzed: 12/07/22						
% Moisture	11.0	0.1	%		11.0			0.00	20	
Duplicate (P2L0707-DUP2)		Source: 2L02014-07		Prepared & Analyzed: 12/07/22						
% Moisture	6.0	0.1	%		6.0			0.00	20	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2L0707 - * DEFAULT PREP *** **										
Duplicate (P2L0707-DUP3)		**Source: 2L02016-13**		Prepared & Analyzed: 12/07/22						
% Moisture	14.0	0.1	%		14.0			0.00	20	
Duplicate (P2L0707-DUP4)		**Source: 2L02016-23**		Prepared & Analyzed: 12/07/22						
% Moisture	12.0	0.1	%		12.0			0.00	20	
Duplicate (P2L0707-DUP5)		**Source: 2L02016-38**		Prepared & Analyzed: 12/07/22						
% Moisture	8.0	0.1	%		8.0			0.00	20	
Duplicate (P2L0707-DUP6)		**Source: 2L02016-48**		Prepared & Analyzed: 12/07/22						
% Moisture	11.0	0.1	%		11.0			0.00	20	
Duplicate (P2L0707-DUP7)		**Source: 2L02016-63**		Prepared & Analyzed: 12/07/22						
% Moisture	11.0	0.1	%		11.0			0.00	20	
Duplicate (P2L0707-DUP8)		**Source: 2L05002-10**		Prepared & Analyzed: 12/07/22						
% Moisture	9.0	0.1	%		10.0			10.5	20	
Duplicate (P2L0707-DUP9)		**Source: 2L05011-02**		Prepared & Analyzed: 12/07/22						
% Moisture	12.0	0.1	%		12.0			0.00	20	
Duplicate (P2L0707-DUPA)		**Source: 2L05011-04**		Prepared & Analyzed: 12/07/22						
% Moisture	9.0	0.1	%		8.0			11.8	20	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ROI	Received on Ice
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
NPBEL C(	Chain of Custody was not generated at PBELAB
BULK	Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 12/9/2022

Brent Barron, Laboratory Director/Technical Director

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

PBELAB Permian Basin Environmental Lab, LP
1400 Rankin Hwy Midland Texas 79701 Phone: 432-686-7235

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

L'mH

Project Manager: Blake Estep
Company Name: Etech Environmental & Safety Solutions, Inc.
Company Address: P.O. Box 62228
City/State/Zip: Midland, Texas 79711
Sampler Signature: [signature] email: blake@etechenv.com

Project Name: Heritage CTB
Project #: 15980 Project Loc: New Mexico
Area: PO#: 15980
☒ Bill Etech

Report Format: STANDARD: ☑ TRRP: ☐ NPDES: ☐

(lab use only)
ORDER #: 2L02014

Preservation & # of Containers / Matrix / Analyze For: (TCLP / TOTAL)

Matrix: DW=Drinking Water SL=Sludge; GW = Groundwater S=Soil/Solid; NP=Non-PotableSpecify Other

LAB # (lab use only)	FIELD CODE	Start Depth	End Depth	Date Sampled	Time Sampled	No. of Containers	Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix	TPH: 418.1 (8015M) 1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semi volatiles	BTEX ~~8021B~~/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides			RUSH TAT(Pre-Schedule) 24, 48, 72 hrs	STANDARD TAT
1	Bottom Hole 1		10"	11-29-22	2:00	1	X								S	X							X			X				X
2	Bottom Hole 2		10"		2:02	1	|								S	|							|			|			|
3	Bottom Hole 3		10"		2:04	1	|								S	|							|			|			|
4	Bottom Hole 4		10"		2:06	1	|								S	|							|			|			|
5	Bottom Hole 5		10"		2:08	1	|								S	|							|			|			|
6	North Sidewall		5"		2:10	1	|								S	|							|			|			|
7	East Sidewall		5"		2:12	1	|								S	|							|			|			|
8	South Sidewall		5"		2:14	1	|								S	|							|			|			|
9	West Sidewall		5"		2:16	1	|								S	|							|			|			|

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	12-2-22	12:40pm			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: [signature]	12/2/22	12:40

Laboratory Comments:
Sample Containers Intact? (Y) N
VOCs Free of Headspace? (Y) N
Custody seals on container(s) (Y) N
Custody seals on cooler(s) (Y) N
Sample Hand Delivered (Y) N
Sar by Sampler/Client Rep. ? (Y) N
Sar by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt: 1.9 / 2.9 CH -1 °C

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Blake Estep

E Tech Environmental & Safety Solutions, Inc. [1]

13000 West County Road 100

Odessa, TX 79765

Project: Heritage CTB

Project Number: 15980

Location: New Mexico

Lab Order Number: 3B16003

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 02/27/23

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Bottom Hole - 1A @ 22"	3B16003-01	Soil	02/16/23 12:00	02-16-2023 12:36
Bottom Hole - 4A @ 22"	3B16003-02	Soil	02/16/23 12:02	02-16-2023 12:36
Bottom Hole - 5A @ 22"	3B16003-03	Soil	02/16/23 12:04	02-16-2023 12:36
North Sidewall 1A @ 10"	3B16003-04	Soil	02/16/23 12:06	02-16-2023 12:36
West Sidewall 1A @ 10"	3B16003-05	Soil	02/16/23 12:08	02-16-2023 12:36

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 1A @ 22"

3B16003-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P3B2203	02/21/23 16:05	02/25/23 12:04	TPH 8015M	
>C12-C28	**611**	27.5	mg/kg dry	1	P3B2203	02/21/23 16:05	02/25/23 12:04	TPH 8015M	
>C28-C35	**155**	27.5	mg/kg dry	1	P3B2203	02/21/23 16:05	02/25/23 12:04	TPH 8015M	
Surrogate: 1-Chlorooctane	*96.4 %*		*70-130*		*P3B2203*	*02/21/23 16:05*	*02/25/23 12:04*	*TPH 8015M*	
Surrogate: o-Terphenyl	*118 %*		*70-130*		*P3B2203*	*02/21/23 16:05*	*02/25/23 12:04*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**766**	27.5	mg/kg dry	1	[CALC]	02/21/23 16:05	02/25/23 12:04	calc	
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**9.0**	0.1	%	1	P3B1702	02/17/23 11:01	02/17/23 11:02	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 4A @ 22"

3B16003-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P3B2203	02/21/23 16:05	02/25/23 12:31	TPH 8015M	
>C12-C28	**84.5**	28.4	mg/kg dry	1	P3B2203	02/21/23 16:05	02/25/23 12:31	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P3B2203	02/21/23 16:05	02/25/23 12:31	TPH 8015M	
Surrogate: 1-Chlorooctane	*93.2 %*	*70-130*			*P3B2203*	*02/21/23 16:05*	*02/25/23 12:31*	*TPH 8015M*	
Surrogate: o-Terphenyl	*113 %*	*70-130*			*P3B2203*	*02/21/23 16:05*	*02/25/23 12:31*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**84.5**	28.4	mg/kg dry	1	[CALC]	02/21/23 16:05	02/25/23 12:31	calc	
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**12.0**	0.1	%	1	P3B1702	02/17/23 11:01	02/17/23 11:02	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 5A @ 22"

3B16003-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	134	mg/kg dry	5	P3B2203	02/21/23 16:05	02/25/23 12:59	TPH 8015M	
>C12-C28	**6650**	134	mg/kg dry	5	P3B2203	02/21/23 16:05	02/25/23 12:59	TPH 8015M	
>C28-C35	**1770**	134	mg/kg dry	5	P3B2203	02/21/23 16:05	02/25/23 12:59	TPH 8015M	
Surrogate: 1-Chlorooctane	*96.0 %*	*70-130*			*P3B2203*	*02/21/23 16:05*	*02/25/23 12:59*	*TPH 8015M*	
Surrogate: o-Terphenyl	*116 %*	*70-130*			*P3B2203*	*02/21/23 16:05*	*02/25/23 12:59*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**8420**	134	mg/kg dry	5	[CALC]	02/21/23 16:05	02/25/23 12:59	calc	
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**7.0**	0.1	%	1	P3B1702	02/17/23 11:01	02/17/23 11:02	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

North Sidewall 1A @ 10"

3B16003-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P3B2203	02/21/23 16:05	02/25/23 13:26	TPH 8015M	
>C12-C28	**51.7**	27.5	mg/kg dry	1	P3B2203	02/21/23 16:05	02/25/23 13:26	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P3B2203	02/21/23 16:05	02/25/23 13:26	TPH 8015M	
Surrogate: 1-Chlorooctane	*97.4 %*		*70-130*		*P3B2203*	*02/21/23 16:05*	*02/25/23 13:26*	*TPH 8015M*	
Surrogate: o-Terphenyl	*120 %*		*70-130*		*P3B2203*	*02/21/23 16:05*	*02/25/23 13:26*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**51.7**	27.5	mg/kg dry	1	[CALC]	02/21/23 16:05	02/25/23 13:26	calc	
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**9.0**	0.1	%	1	P3B1702	02/17/23 11:01	02/17/23 11:02	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

West Sidewall 1A @ 10"

3B16003-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P3B2203	02/21/23 16:05	02/25/23 13:53	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P3B2203	02/21/23 16:05	02/25/23 13:53	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P3B2203	02/21/23 16:05	02/25/23 13:53	TPH 8015M	
Surrogate: 1-Chlorooctane	*97.1 %*	*70-130*			*P3B2203*	*02/21/23 16:05*	*02/25/23 13:53*	*TPH 8015M*	
Surrogate: o-Terphenyl	*117 %*	*70-130*			*P3B2203*	*02/21/23 16:05*	*02/25/23 13:53*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	02/21/23 16:05	02/25/23 13:53	calc	
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**10.0**	0.1	%	1	P3B1702	02/17/23 11:01	02/17/23 11:02	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3B2203 - TX 1005										
Blank (P3B2203-BLK1)				Prepared: 02/21/23 Analyzed: 02/25/23						
C6-C12	ND	25.0	mg/kg							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*84.0*		*"*	*100*		*84.0*	*70-130*			
Surrogate: o-Terphenyl	*49.1*		*"*	*50.0*		*98.2*	*70-130*			
LCS (P3B2203-BS1)				Prepared: 02/21/23 Analyzed: 02/25/23						
C6-C12	915	25.0	mg/kg	1000		91.5	75-125			
>C12-C28	1090	25.0	"	1000		109	75-125			
Surrogate: 1-Chlorooctane	*109*		*"*	*100*		*109*	*70-130*			
Surrogate: o-Terphenyl	*50.4*		*"*	*50.0*		*101*	*70-130*			
LCS Dup (P3B2203-BSD1)				Prepared: 02/21/23 Analyzed: 02/25/23						
C6-C12	927	25.0	mg/kg	1000		92.7	75-125	1.36	20	
>C12-C28	1100	25.0	"	1000		110	75-125	1.05	20	
Surrogate: 1-Chlorooctane	*112*		*"*	*100*		*112*	*70-130*			
Surrogate: o-Terphenyl	*52.0*		*"*	*50.0*		*104*	*70-130*			
Calibration Blank (P3B2203-CCB1)				Prepared: 02/21/23 Analyzed: 02/25/23						
C6-C12	8.90		mg/kg							
>C12-C28	8.46		"							
Surrogate: 1-Chlorooctane	*84.5*		*"*	*100*		*84.5*	*70-130*			
Surrogate: o-Terphenyl	*50.7*		*"*	*50.0*		*101*	*70-130*			
Calibration Check (P3B2203-CCV1)				Prepared: 02/21/23 Analyzed: 02/25/23						
C6-C12	481	25.0	mg/kg	500		96.2	85-115			
>C12-C28	485	25.0	"	500		97.1	85-115			
Surrogate: 1-Chlorooctane	*102*		*"*	*100*		*102*	*70-130*			
Surrogate: o-Terphenyl	*52.6*		*"*	*50.0*		*105*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3B2203 - TX 1005										
Duplicate (P3B2203-DUP1)	**Source: 3B16003-03**		Prepared: 02/21/23 Analyzed: 02/25/23							
C6-C12	64.8	134	mg/kg dry		67.0			3.35	20	
>C12-C28	6430	134	"		6650			3.40	20	
Surrogate: 1-Chlorooctane	*98.3*		*"*	*108*		*91.4*	*70-130*			
Surrogate: o-Terphenyl	*58.8*		*"*	*53.8*		*109*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3B1702 - * DEFAULT PREP *** **										
Blank (P3B1702-BLK1)				Prepared & Analyzed: 02/17/23						
% Moisture	ND	0.1	%							
Duplicate (P3B1702-DUP1)		**Source: 3B16003-05**		Prepared & Analyzed: 02/17/23						
% Moisture	10.0	0.1	%		10.0			0.00	20	
Duplicate (P3B1702-DUP2)		**Source: 3B16005-03**		Prepared & Analyzed: 02/17/23						
% Moisture	1.0	0.1	%		1.0			0.00	20	
Duplicate (P3B1702-DUP3)		**Source: 3B16006-19**		Prepared & Analyzed: 02/17/23						
% Moisture	8.0	0.1	%		7.0			13.3	20	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

Notes and Definitions

ROI	Received on Ice
NPBEL C(	Chain of Custody was not generated at PBELAB
BULK	Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 2/27/2023

Brent Barron, Laboratory Director/Technical Director

PBELAB Permian Basin Environmental Lab, LP
1400 Rankin Hwy Midland Texas 79701 Phone: 432-686-7235

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Blake Estep
Company Name: Etech Environmental & Safety Solutions, Inc.
Company Address: P.O. Box 62228
City/State/Zip: Midland, Texas 79711
Sampler Signature: [signature] for DP email: blake@etechenv.com

Project Name: Heritage CTB
Project #: 15980 Project Loc:
Area: PO#: 15980
☒ Bill Etech

Report Format: STANDARD: ☒ TRRP: ☐ NPDES: ☐

(lab use only)
ORDER #: 3B16003

Analyze For: TCLP: ☐ ☐ ☐ ☐ TOTAL: ☐ ☐ ☐ ☐

LAB # (lab use only)	FIELD CODE	Start Depth	End Depth	Date Sampled	Time Sampled	No. of Containers	Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix (DW=Drinking Water SL=Sludge; GW = Groundwater S=Soil/Solid; NP=Non-Potable Specify Other)	TPH: 418.1 8015M 1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semi volatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides			RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	STANDARD TAT
1	Bottom Hole 1A	-	22"	2-16-23	12:00	1	X								S	X														X
2	Bottom Hole 4A	-	22"	2-16-23	12:02	1	X								S	X														X
3	Bottom Hole 5A	-	22"	2-16-23	12:04	1	X								S	X														X
4	North Sidewall 1A	-	10"	2-16-23	12:06	1	X								S	X														X
5	West Sidewall 1A	-	10"	2-16-23	12:08	1	X								S	X														X

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	2-16-23	12:36pm			
			[signature]	2/16/23	12:36

Laboratory Comments:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
Custody seals on container(s) Y N
Custody seals on cooler(s) Y N
Sample Hand Delivered Y N
Sar by Sampler/Client Rep. ? Y N
Sar by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt: 4.2 NCF 3°C

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Blake Estep

E Tech Environmental & Safety Solutions, Inc. [1]

13000 West County Road 100

Odessa, TX 79765

Project: Heritage CTB

Project Number: 15980

Location: New Mexico

Lab Order Number: 3C28008

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 04/04/23

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Bottom Hole - 1B @ 30"	3C28008-01	Soil	03/27/23 09:50	03-27-2023 15:45
Bottom Hole - 5B @ 30"	3C28008-02	Soil	03/27/23 09:55	03-27-2023 15:45

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 1B @ 30"

3C28008-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P3C3111	03/31/23 13:40	04/02/23 01:14	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P3C3111	03/31/23 13:40	04/02/23 01:14	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P3C3111	03/31/23 13:40	04/02/23 01:14	TPH 8015M	
Surrogate: 1-Chlorooctane	*78.8 %*		*70-130*		*P3C3111*	*03/31/23 13:40*	*04/02/23 01:14*	*TPH 8015M*	
Surrogate: o-Terphenyl	*86.6 %*		*70-130*		*P3C3111*	*03/31/23 13:40*	*04/02/23 01:14*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/31/23 13:40	04/02/23 01:14	calc	
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**1.0**	0.1	%	1	P3C3005	03/30/23 12:12	03/30/23 12:46	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 5B @ 30"

3C28008-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P3C3111	03/31/23 13:40	04/02/23 02:36	TPH 8015M	
>C12-C28	**36.7**	25.3	mg/kg dry	1	P3C3111	03/31/23 13:40	04/02/23 02:36	TPH 8015M	
>C28-C35	**32.5**	25.3	mg/kg dry	1	P3C3111	03/31/23 13:40	04/02/23 02:36	TPH 8015M	
Surrogate: 1-Chlorooctane		*79.4 %*	*70-130*		*P3C3111*	*03/31/23 13:40*	*04/02/23 02:36*	*TPH 8015M*	
Surrogate: o-Terphenyl		*90.7 %*	*70-130*		*P3C3111*	*03/31/23 13:40*	*04/02/23 02:36*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**69.2**	25.3	mg/kg dry	1	[CALC]	03/31/23 13:40	04/02/23 02:36	calc	
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**1.0**	0.1	%	1	P3C3005	03/30/23 12:12	03/30/23 12:46	ASTM D2216	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C3111 - TX 1005										
Blank (P3C3111-BLK1)				Prepared: 03/31/23 Analyzed: 04/01/23						
C6-C12	ND	25.0	mg/kg							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*98.3*		*"*	*100*		*98.3*	*70-130*			
Surrogate: o-Terphenyl	*53.5*		*"*	*50.0*		*107*	*70-130*			
LCS (P3C3111-BS1)				Prepared: 03/31/23 Analyzed: 04/01/23						
C6-C12	789	25.0	mg/kg	1000		78.9	75-125			
>C12-C28	1030	25.0	"	1000		103	75-125			
Surrogate: 1-Chlorooctane	*107*		*"*	*100*		*107*	*70-130*			
Surrogate: o-Terphenyl	*52.6*		*"*	*50.0*		*105*	*70-130*			
LCS Dup (P3C3111-BSD1)				Prepared: 03/31/23 Analyzed: 04/01/23						
C6-C12	801	25.0	mg/kg	1000		80.1	75-125	1.43	20	
>C12-C28	1050	25.0	"	1000		105	75-125	2.70	20	
Surrogate: 1-Chlorooctane	*108*		*"*	*100*		*108*	*70-130*			
Surrogate: o-Terphenyl	*48.8*		*"*	*50.0*		*97.7*	*70-130*			
Calibration Check (P3C3111-CCV1)				Prepared: 03/31/23 Analyzed: 04/01/23						
C6-C12	481	25.0	mg/kg	500		96.1	85-115			
>C12-C28	504	25.0	"	500		101	85-115			
Surrogate: 1-Chlorooctane	*98.2*		*"*	*100*		*98.2*	*70-130*			
Surrogate: o-Terphenyl	*44.8*		*"*	*50.0*		*89.7*	*70-130*			
Calibration Check (P3C3111-CCV2)				Prepared: 03/31/23 Analyzed: 04/02/23						
C6-C12	462	25.0	mg/kg	500		92.4	85-115			
>C12-C28	537	25.0	"	500		107	85-115			
Surrogate: 1-Chlorooctane	*97.9*		*"*	*100*		*97.9*	*70-130*			
Surrogate: o-Terphenyl	*46.8*		*"*	*50.0*		*93.5*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C3111 - TX 1005										
Calibration Check (P3C3111-CCV3)				Prepared: 03/31/23 Analyzed: 04/02/23						
C6-C12	454	25.0	mg/kg	500		90.8	85-115			
>C12-C28	494	25.0	"	500		98.8	85-115			
Surrogate: 1-Chlorooctane	*93.4*		*"*	*100*		*93.4*	*70-130*			
Surrogate: o-Terphenyl	*43.9*		*"*	*50.0*		*87.8*	*70-130*			
Matrix Spike (P3C3111-MS1)		**Source: 3C27009-02**		Prepared: 03/31/23 Analyzed: 04/02/23						
C6-C12	689	26.0	mg/kg dry	1040	ND	66.2	75-125			QM-05
>C12-C28	917	26.0	"	1040	48.9	83.4	75-125			
Surrogate: 1-Chlorooctane	*96.4*		*"*	*104*		*92.5*	*70-130*			
Surrogate: o-Terphenyl	*50.3*		*"*	*52.1*		*96.6*	*70-130*			
Matrix Spike Dup (P3C3111-MSD1)		**Source: 3C27009-02**		Prepared: 03/31/23 Analyzed: 04/02/23						
C6-C12	676	26.0	mg/kg dry	1040	ND	64.9	75-125	1.88	20	QM-05
>C12-C28	899	26.0	"	1040	48.9	81.6	75-125	2.17	20	
Surrogate: 1-Chlorooctane	*93.6*		*"*	*104*		*89.9*	*70-130*			
Surrogate: o-Terphenyl	*42.2*		*"*	*52.1*		*81.1*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P3C3005 - * DEFAULT PREP *** **										
Blank (P3C3005-BLK1)				Prepared & Analyzed: 03/30/23						
% Moisture	ND	0.1	%							
Blank (P3C3005-BLK2)				Prepared & Analyzed: 03/30/23						
% Moisture	ND	0.1	%							
Blank (P3C3005-BLK3)				Prepared & Analyzed: 03/30/23						
% Moisture	ND	0.1	%							
Blank (P3C3005-BLK4)				Prepared & Analyzed: 03/30/23						
% Moisture	ND	0.1	%							
Duplicate (P3C3005-DUP1)	**Source: 3C27010-03**			Prepared & Analyzed: 03/30/23						
% Moisture	4.0	0.1	%		3.0			28.6	20	R3
Duplicate (P3C3005-DUP2)	**Source: 3C28007-07**			Prepared & Analyzed: 03/30/23						
% Moisture	25.0	0.1	%		25.0			0.00	20	
Duplicate (P3C3005-DUP3)	**Source: 3C27004-36**			Prepared & Analyzed: 03/30/23						
% Moisture	9.0	0.1	%		8.0			11.8	20	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

Notes and Definitions

ROI	Received on Ice
R3	The RPD exceeded the acceptance limit due to sample matrix effects.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
NPBEL C(	Chain of Custody was not generated at PBELAB
BULK	Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 4/4/2023

Brent Barron, Laboratory Director/Technical Director

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Heritage CTB
13000 West County Road 100	Project Number: 15980
Odessa TX, 79765	Project Manager: Blake Estep

PBELAB Permian Basin Environmental Lab, LP

1400 Rankin Hwy Midland Texas 79701 Phone: 432-686-7235

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Blake Estep

Company Name: Etech Environmental & Safety Solutions, Inc.

Company Address: P.O. Box 62228

City/State/Zip: Midland, Texas 79711

Sampler Signature: ______________ email: blake@etechenv.com

Project Name: Heritage Central TB

Project #: 15980 Project Loc: New mexico

Area: eddy PO#:

☐ Bill Etech

Report Format: STANDARD:☐ TRRP:☐ NPDES:☐

(lab use only)
ORDER #: 3C28008

LAB # (lab use only)	FIELD CODE	Start Depth	End Depth	Date Sampled	Time Sampled	No. of Containers	Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix (DW=Drinking Water SL=Sludge; GW = Groundwater S=Soil/Solid; NP=Non-Potable Specify Other)	TPH: 418.1 (8015M) 1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semi volatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides			RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	STANDARD TAT
1	Bottomhole 1B	-	30"	3/27/23	9:50	1	☒	☐	☐	☐	☐	☐	☐	☐		☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒
2	Bottomhole 5B	-	30"	↓	9:55	1	☒	☐	☐	☐	☐	☐	☐	☐		☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒

Analyze For: TCLP: ☐ ☐ ☐ ☐ TOTAL: ☐ ☐ ☐ ☐

Special Instructions: Bill to Etech

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	3/27/23	15:45			
			[signature]	3-27-23	1545

Laboratory Comments:
- Sample Containers Intact? Y N
- VOCs Free of Headspace? Y N
- Custody seals on container(s) Y N
- Custody seals on cooler(s) Y N
- Sample Hand Delivered Y N
- Sar by Sampler/Client Rep. ? Y N
- Sar by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt: °C (2.1) CFO

APPENDIX F

Approved Remediation Work Plan

P.O. Box 62228 Midland • TX • 79711 • Tel: 432-563-2200 • Fax: 432-563-2213

State of New Mexico
Oil Conservation Division

Incident ID	nAB1819053650
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?	>48 (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 State of New Mexico
Page 4 Oil Conservation Division

Incident ID	nAB1819053650
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: Amy Barnhill Title: Water Advisor

Signature: Amy Barnhill Date: 10-24-22

email: ABarnhill@chevron.com Telephone: 432-687-7108

OCD Only

Received by: Jocelyn Harimon Date: 10/24/2022

September 6, 2022

Robert Hamlet
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
PH #: 575-748-1283
Robert.Hamlet@state.nm.us

Re: Soil Remediation Workplan
Chevron USA
Heritage CTB Release (nAB1819053650)
GPS: N 32.29905° W 104.07809°
Unit Letter "N", Section 15, Township 23 South, Range 28 East
Eddy County, New Mexico

Dear Mr. Hamlet,

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Chevron USA (Chevron), has prepared this *Soil Remediation Workplan* for the Heritage CTB Release (Release Site). The legal description of the Release Site is Unit Letter "N", Section 15, Township 23 South, Range 28 East, in Eddy County, New Mexico. The GPS coordinates for the site are N 32.29905° W 104.07809°. A Site Location Map and Aerial Proximity Map are provided as Figure 1 and Figure 2, respectively.

INTRODUCTION

On June 19, 2018, a reportable release occurred at the Release Site. The release was the result of a gasket failure on the heater treater. Approximately twenty (20) barrels (bbls) of crude oil was released with approximately sixteen (16) bbls of crude oil was recovered via vacuum trucks, for a net loss of four (4) bbls of crude oil. The initial Form C-141 is provided in Appendix A.

NMOCD SITE CLASSIFICATION

New Mexico Oil Conservation Division (NMOCD) assessment and cleanup levels for hydrocarbon and produced water releases are based on depth to groundwater and karst status and follow the criteria in the revised August 2018 Title 19 Chapter 15 part 29 New Mexico Administrative Code (19.15.29 NMAC) regulations. Groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE), New Mexico Bureau of Geology & Mineral Resources (NMBGMR), and United States Geological Survey (USGS) were accessed to determine if any registered water wells were located within a half-mile of the site. The databases identified ten (10) water wells within a ½-mile radius. One (1) water well is located within one thousand (1,000) ft of the release, NMOSE Well # C-01872, with a depth to water of forty-eight (48) feet below ground surface (bgs). The average depth to water in a half mile radius is forty (40) feet bgs. In addition, the site is listed as being in a medium Karst Topography region. See Appendix B for maps, along with water well data, detailing the site relative to groundwater locations. Based on the NMOCD site classification system, the following soil remediation clean up levels were assigned to the Release Site:

- Benzene – 10 mg/Kg (ppm)
- Total BTEX – 50 mg/Kg (ppm)
- Total TPH – 100 mg/Kg (ppm)
- Chloride – 600 mg/Kg (ppm)

INITIAL ASSESSMENT AND DELINEATION ACTIVITIES

On May 2, 2022, Etech was onsite to perform the initial assessment and delineation of the release. Two (2) auger holes (Auger Hole 1 and Auger Hole 2) were installed in the spill area to depths ranging from six (6) inches bgs to thirty-six (36) inches bgs. Refusal was encountered in Auger Hole 1 (AH-1) at a depth of thirty-six (36) inches bgs and in Auger Hole 2 (AH-2) at a depth of twenty-four (24) inches bgs. Samples were collected and submitted to Europhins Laboratory in Midland, Texas for analysis of Benzene, Toulene, Ethylbenzene, and Xylenes (BTEX) by EPA method 8021B, Total Petroleum Hydrocarbons (TPH) by EPA method 8015M, and Chlorides by EPA method E300.0. Analytical concentrations for TPH were above the NMOCD remediation standards in Auger Hole 1 in interval 0-6”, while chloride exceeded the reclamation standards in Auger Hole 2 in interval 0-6”. All other analysis were below both the NMOCD Closure Criteria or Reclamation Standards. See Table 1 for analytical results. See Appendix C for attached photos detailing release and impact to pad. See Figure 3 for Delineation Plat.

SOIL DELINEATION AND REMEDIATION WORKPLAN

Etech proposes to complete delineation and remediation in accordance with NMOCD rules and regulations which will entail the following:

- Impacted soils will be excavated to appropriate depths based on delineation data and stockpiled on plastic awaiting disposal.
- During excavation activities, soils will be field screened utilizing chloride test kits and a PID meter for determination of laboratory sampling and additional excavation, if warranted.
- Upon completion of the excavation, confirmation soil samples will be collected every two hundred (200) square feet from the base and sidewalls (representing no more than 50 linear feet) of the excavated areas. Additional, discrete grab samples will be collected from wet or visibly stained areas inferred to have been affected by the release, as necessary. Samples will be submitted to Permian Basin Environmental Labs of Texas (PBELAB) for analysis of BTEX by EPA Method 8021B, TPH by EPA Method 8015M, and Chlorides by EPA method E300.0.
- The impacted soils will be transported off-site for disposal at an NMOCD approved disposal facility.
- Upon completion of additional delineation/remediation and requisite soil sampling, the site will be backfilled with locally sourced, non-impacted "like" material from an approved off-site facility and brought back to grade.
- A closure report with final C-141 will be submitted to the NMOCD upon completion of remediation activities.

Once the soil remediation work plan has been approved by the NMOCD, Chevron will commence and complete remediation activities within ninety (90) days and submit a *"Remediation Summary and Site Closure Request Report"* to the NMOCD.

If you have any questions, or if additional information is required, please feel free to call me at 432-563-2200 (office) or 432-894-6038 (cell).

Thank you,

Blake Estep
Project Manager
Etech Environmental & Safety Solutions, Inc.

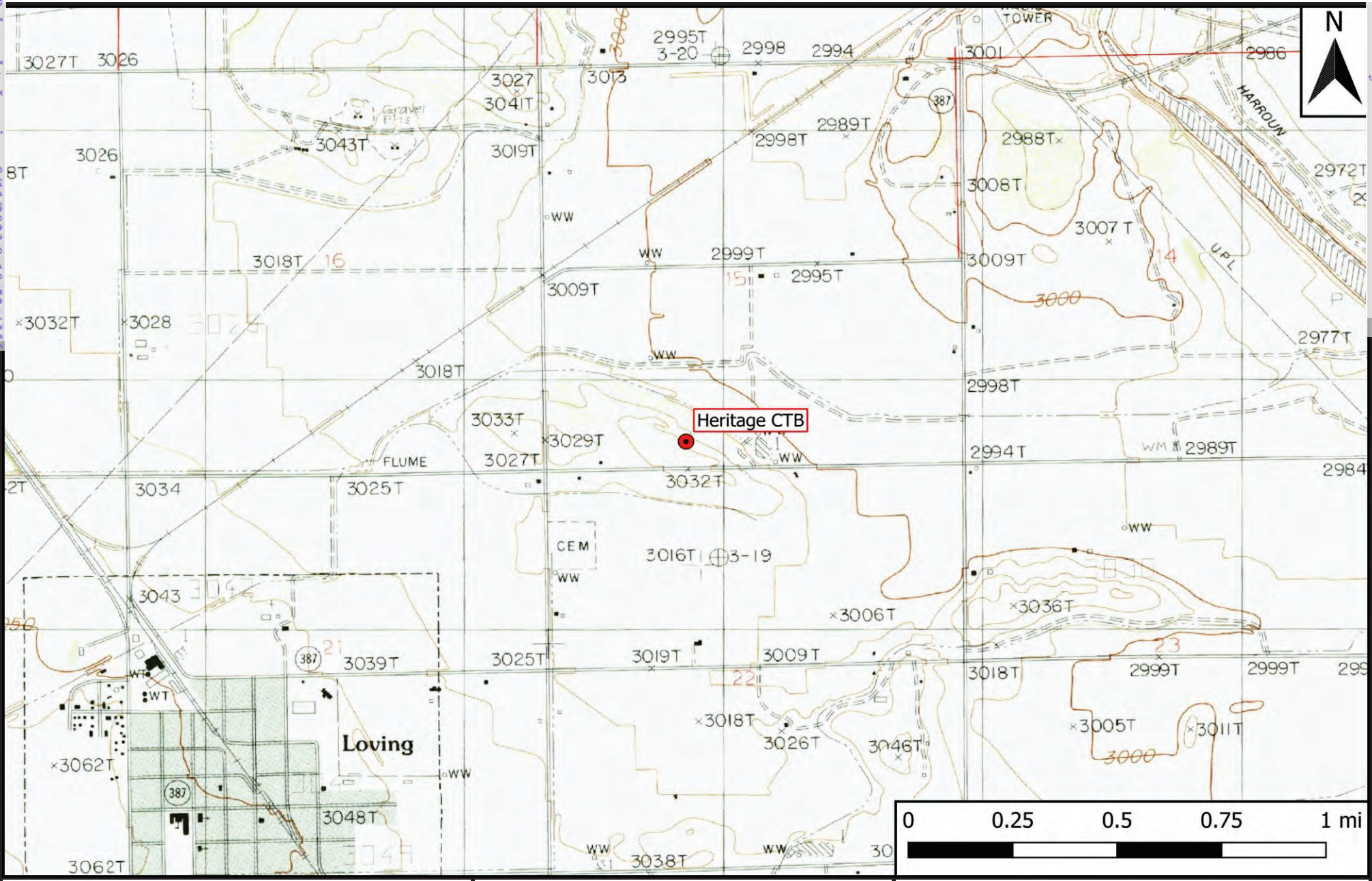
Jeffrey Kindley, P.G.
Senior Project Manager/Geologist
Etech Environmental & Safety Solutions, Inc.

Attachments:

Figure 1 – Topographic Map
Figure 2 – Aerial Proximity Map
Figure 3 – Delineation Plat
Table 1 – Concentrations of Benzene, BTEX, TPH, and Chloride Delineation
Appendix A: Initial Release Notification and Corrective Action Form C-141
Appendix B: Groundwater Data Maps and Supporting Water Well Data
Appendix C: Photographic Documentation
Appendix D: Laboratory Analytical

cc: File

Figure 1
Topographic Map



Legend

- Site Location

Figure 1

Topographic Map

Chevron USA

Heritage CTB

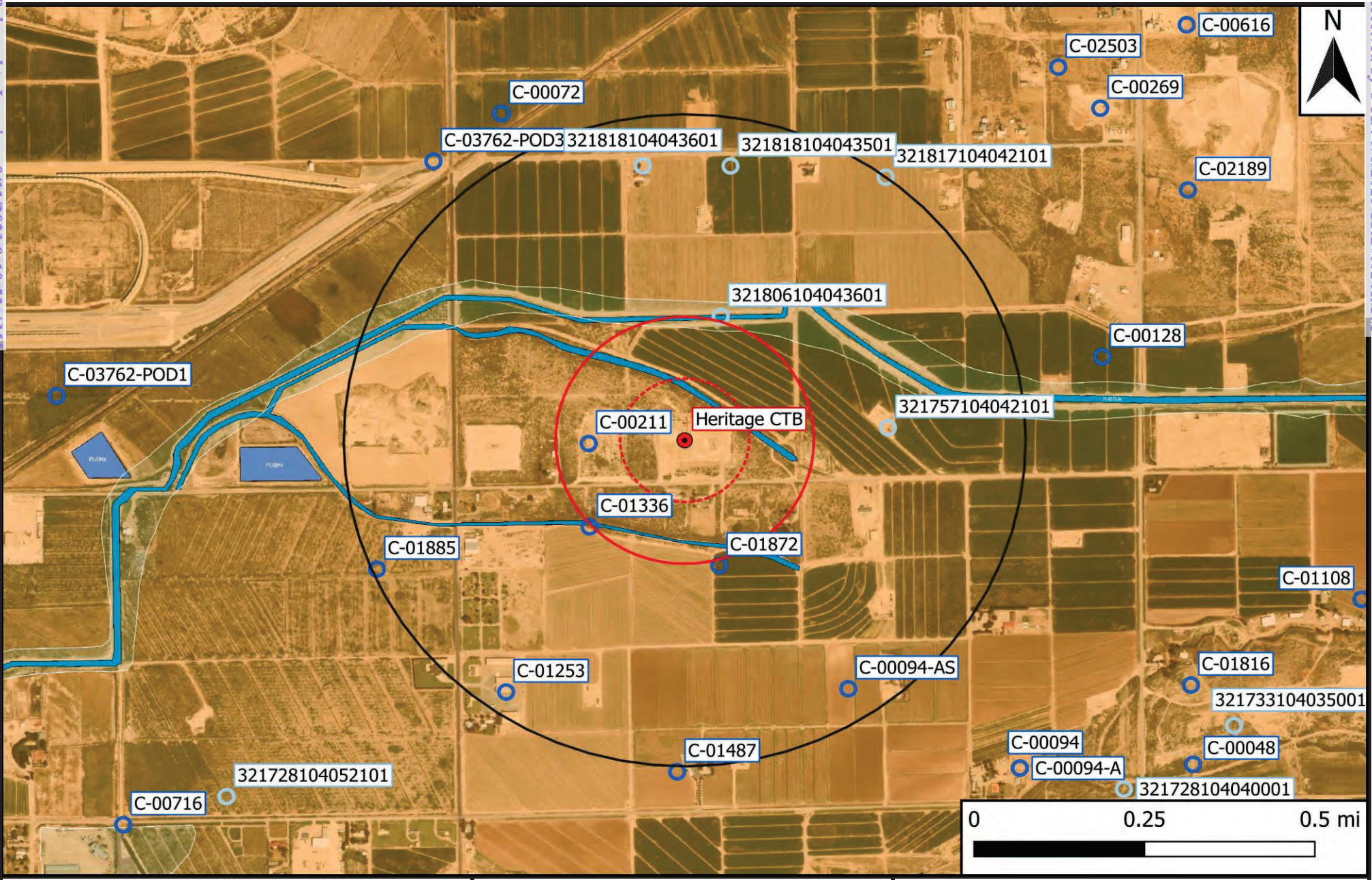
GPS: 32.299047, -104.078094

Eddy County

eTECH Environmental & Safety Solutions, Inc.

Drafted: mag Checked: be Date: 8/9/22

Figure 2
Aerial Proximity Map



Legend

- Site Location
- Well - NMOSE
- Well - USGS
- Potash Mine Workings
- Medium/High Karst
- 500 Ft Radius
- 1000 Ft Radius
- 0.5 Mi Radius
- 1% Annual Flood Chance
- Lake/Freshwater Pond
- Emergent/Forested Wetlands
- Riverine

Figure 2
Aerial Proximity Map
Chevron USA
Heritage CTB
GPS: 32.299047, -104.078094
Eddy County

ETECH Environmental & Safety Solutions, Inc.

Drafted: mag Checked: be Date: 8/9/22

Figure 3
Site and Sample Location Map

eTECH Environmental & Safety Solutions, Inc.

Figure 3 Site and Sample Location Map	Project Name:	Heritage CTB	Project No.:	15980
	Date Sampled:	May 2, 2022	GPS:	32.29905, -104.07809

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil

TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL - DELINEATION

CHEVRON USA

Heritage CTB

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_{10}	TPH DRO C_{10}-C_{28}	TPH ORO C_{28}-C_{36}	TOTAL TPH C_6-C_{36}	CHLORIDE
NMOCD RRAL			10 mg/Kg						50 mg/Kg				100 mg/Kg	600 mg/Kg
Bottom Hole Sample Results														
Auger Hole 1	0-6"	5/2/2022	ND	ND	ND	ND	ND	ND	ND	ND	545	143	**688**	11.1
Auger Hole 1	30-36"	5/2/2022	ND	ND	ND	ND	ND	ND	ND	ND	72.4	ND	72.4	ND
Auger Hole 2	0-6"	5/2/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**778**
Auger Hole 2	18-24"	5/2/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	291

Bold and Yellow Highlighted indicates Analyte Above NMOCD Regulatory Limit

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

*** - Due to safety concerns regarding the production equipment, sample areas will be addressed at the time of permanent abandonment of the facility.**

**** - Sample area was eliminated during further excavation activities.**

Appendix A

Initial Release Notification and Corrective Action Form C-141

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised April 3, 2017

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: Chevron USA	Contact: Josepha DeLeon
Address: 6301 Deauville Blvd., Midland, TX 79706	Telephone No.: 575-263-0424
Facility Name: Heritage Central Tank Battery	Facility Type; Tank Battery

Surface Owner	Mineral Owner: State	API No. 30-015-40166

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	15	23S	28E	330	South	2010	West	Eddy

Latitude: 32.2989922 **Longitude**: -104.07724 NAD83

NATURE OF RELEASE

Type of Release: Oil Spill	Volume of Release: 19.55 barrels oil	Volume Recovered: 16 barrels oil
Source of Release: Heater treater fire tube gasket	Date and Hour of Occurrence: 06/19/2018; 12:00 AM	Date and Hour of Discovery 06/19/2018; 02:00 PM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Maxey Brown, Olivia Yu – NMOCD R. Mann – State	
By Whom? Josepha DeLeon	Date and Hour: 6/20/2018; 10:41 AM	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

N/A

Describe Cause of Problem and Remedial Action Taken.*

Heater treater fire tube gasket failure. Vessel was isolated and contents transferred to tank. Vacuum truck collected standing fluid.

Describe Area Affected and Cleanup Action Taken.*

Spill was contained on facility pad in area intended to collect fluids. Remediation plan will be submitted.

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: JdeLeon	OIL CONSERVATION DIVISION Approved by Environmental Specialist:	
Printed Name: Josepha DeLeon		
Title: Environmental Compliance Specialist	Approval Date:	Expiration Date:
E-mail Address: jdxde@chevron.com	Conditions of Approval:	Attached ☐
Date: 06/25/2018 Phone: 575-263-0424		

State of New Mexico
Oil Conservation Division

Incident ID	nAB1819053650
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

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

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Amy Barnhill Title: Water Advisor

Signature: Amy Barnhill Date: 10-24-22

email: ABarnhill@chevron.com Telephone: 432-687-7108

OCD Only

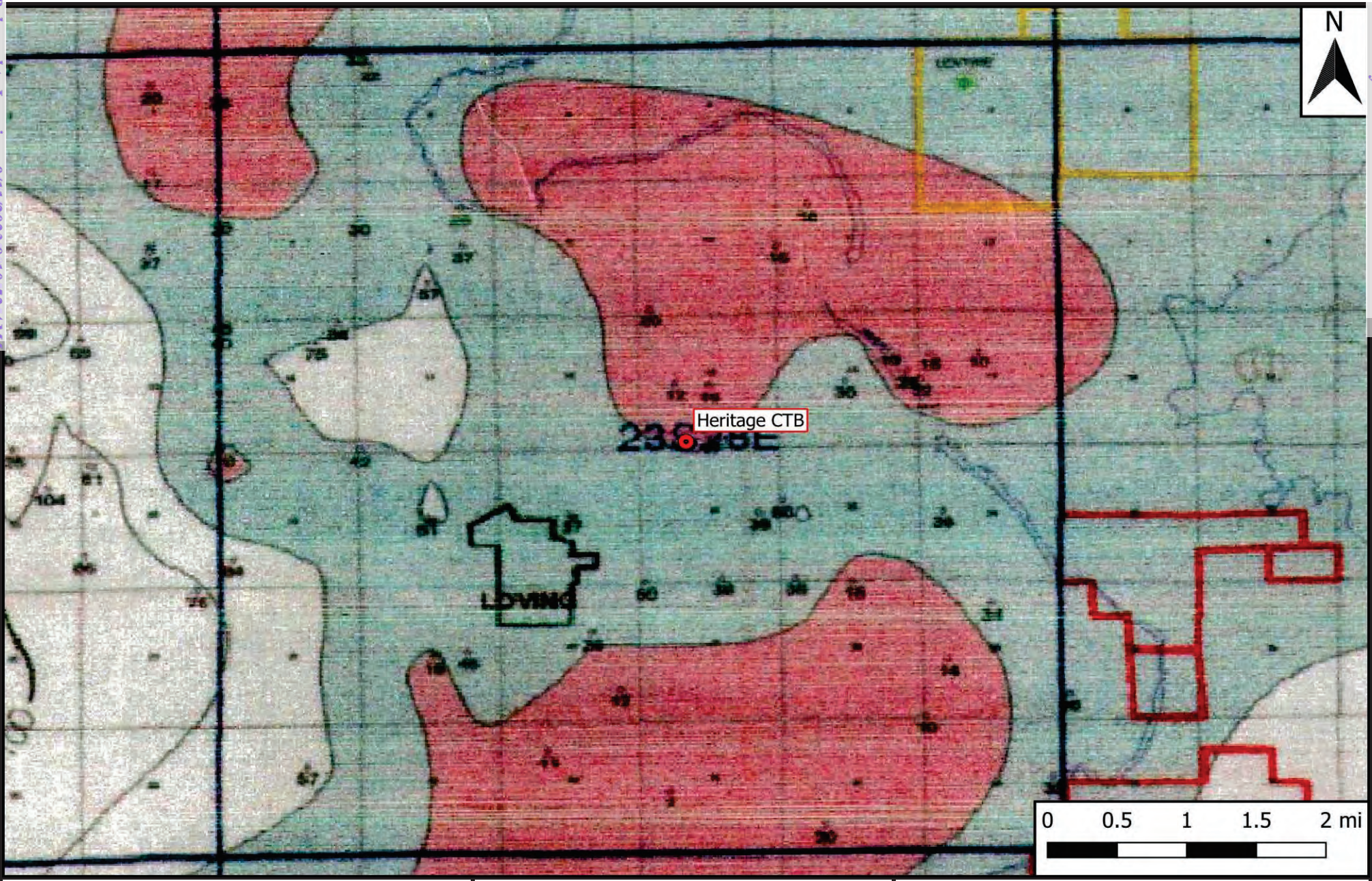
Received by: _____ Date: _____

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

Signature: Brittany Hall Date: 10/25/2022

Appendix B

Groundwater Data Maps and Supporting Water Well Data



Legend

Site Location

Figure 4

Inferred Depth to Groundwater Trend Map

Chevron USA

Heritage CTB

GPS: 32.299047, -104.078094

Eddy County

eTECH Environmental & Safety Solutions, Inc.

Drafted: mag Checked: be Date: 8/9/22

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 00211		C	ED	4	3	3	15	23S	28E	586570	3573949*	226	89	48	41
C 01336		C	ED	2	1	1	22	23S	28E	586572	3573744*	309	190	30	160
C 01872		C	ED		2	1	22	23S	28E	586878	3573649*	318	68	48	20
C 00094 AS	C	CUB	ED	1	3	2	22	23S	28E	587183	3573346*	722	165	40	125
C 01253		CUB	ED	1	3	1	22	23S	28E	586375	3573338*	748	179	50	129
C 01885		C	ED		2	2	21	23S	28E	586070	3573640*	792	104	35	69

Average Depth to Water: **41 feet**

Minimum Depth: **30 feet**

Maximum Depth: **50 feet**

Record Count: 6

UTMNAD83 Radius Search (in meters):

Easting (X): 586796.75 **Northing (Y):** 3573956.72 **Radius:** 804.67

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

New Mexico Office of the State Engineer
Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 00094 AS	1	3	2	22	23S	28E	587183	3573346*

Driller License: 46 **Driller Company:** ABBOTT BROTHERS COMPANY

Driller Name: MURRELL ABBOTT

Drill Start Date:	04/23/1976	**Drill Finish Date:**	04/30/1976	**Plug Date:**	
Log File Date:	05/11/1976	**PCW Rcv Date:**	06/01/1976	**Source:**	Shallow
Pump Type:	TURBIN	**Pipe Discharge Size:**	8	**Estimated Yield:**	1900 GPM
Casing Size:	16.00	**Depth Well:**	165 feet	**Depth Water:**	40 feet

Water Bearing Stratifications:	Top	Bottom	Description
	40	165	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	85	165

Meter Number:	569	**Meter Make:**	WATER SPEC
Meter Serial Number:	934630	**Meter Multiplier:**	1.0000
Number of Dials:	4	**Meter Type:**	Diversion
Unit of Measure:	Acre-Feet	**Return Flow Percent:**	
Usage Multiplier:		**Reading Frequency:**	Quarterly

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
12/29/1998	1999	0	A	ms		0	
06/15/1999	1999	0	A	ms		0	
09/29/1999	1999	0	A	ms		0	
12/28/1999	1999	0	A	mb		0	
04/06/2000	2000	0	A	mb		0	
07/07/2000	2000	0	A	mb		0	
10/17/2000	2000	0	A	mb		0	
01/05/2001	2000	0	A	ms		0	
05/03/2001	2001	0	A	ms		0	
07/20/2001	2001	0	A	ms		0	
09/27/2001	2001	0	A	ms		0	
11/08/2001	2001	0	A	AM		0	
04/10/2002	2002	0	A	MB		0	
06/12/2002	2002	11	A	MS		11.300	
09/03/2002	2002	20	A	ms		8.820	
10/22/2002	2002	20	A	ms		0	
01/13/2003	2002	20	A	ms		0	
06/03/2003	2003	45	A	ms		24.690	
07/10/2003	2003	55	A	ms		9.730	
08/20/2003	2003	79	A	ab		24.440	

12/02/2003	2003	85	A	ab	6.270
04/10/2004	2004	85	A	RPT	0
07/10/2004	2004	85	A	RPT	0
10/30/2004	2004	85	A	RPT	0
01/03/2005	2004	85	A	TW	0
07/06/2005	2005	85	A	JW	0
04/01/2006	2006	85	A	RPT	0

**YTD Meter Amounts:	Year	Amount
	1999	0
	2000	0
	2001	0
	2002	20.120
	2003	65.130
	2004	0
	2005	0
	2006	0

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

New Mexico Office of the State Engineer
Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 00211	4	3	3	15	23S	28E	586570	3573949*

Driller License: 592 **Driller Company:** TOMBLIN DRILLING

Driller Name: J. W. TOMBLIN

Drill Start Date:	06/19/1979	**Drill Finish Date:**	06/20/1979	**Plug Date:**	
Log File Date:	09/26/1979	**PCW Rcv Date:**	12/08/1950	**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	18 GPM
Casing Size:	7.00	**Depth Well:**	89 feet	**Depth Water:**	48 feet

Water Bearing Stratifications:	Top	Bottom	Description
	75	88	Sandstone/Gravel/Conglomerate

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

New Mexico Office of the State Engineer
Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Twn	Rng	X	Y
	C 01253	1	3	1	22	23S	28E	586375	3573338*

Driller License: 410 **Driller Company:** BRININSTOOL, A.M.

Driller Name: BRININSTOOL, A.M.

Drill Start Date:	05/15/1965	**Drill Finish Date:**	06/04/1965	**Plug Date:**	
Log File Date:	07/09/1965	**PCW Rcv Date:**	04/22/1966	**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	20.00	**Depth Well:**	179 feet	**Depth Water:**	50 feet

Water Bearing Stratifications:	Top	Bottom	Description
	80	100	Other/Unknown
	122	170	Sandstone/Gravel/Conglomerate
	170	179	Other/Unknown

Meter Number:	571	**Meter Make:**	MCCROMETER
Meter Serial Number:	02-5617-10	**Meter Multiplier:**	1.0000
Number of Dials:	3	**Meter Type:**	Diversion
Unit of Measure:	Acre-Feet	**Return Flow Percent:**	
Usage Multiplier:		**Reading Frequency:**	

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
12/29/1998	1999	10	A	ms		0	
04/01/1999	1999	10	A	ms		0.110	
06/15/1999	1999	11	A	ms		0.660	
09/29/1999	1999	11	A	ms		0.420	
01/04/2000	1999	11	A	ms		0.070	
04/06/2000	2000	11	A	mb		0.010	
07/07/2000	2000	11	A	mb		0.180	
10/19/2000	2000	12	A	mb		0.300	
01/05/2001	2000	12	A	ms		0	
05/03/2001	2001	12	A	ms		0.140	
07/20/2001	2001	12	A	ms		0	
09/27/2001	2001	15	A	ms		2.620	
11/08/2001	2001	64	A	AM		49.290	
04/10/2002	2002	105	A	MB		41.410	
06/07/2002	2002	210	A	MS		105.240	
09/03/2002	2002	274	A	ms		63.480	
01/13/2003	2002	308	A	ms		34.440	
04/02/2003	2003	308	A	ms		0	
06/03/2003	2003	322	A	ms		13.550	
08/20/2003	2003	357	A	ab		35.370	

10/27/2003	2003	357	A	TW		0
01/06/2004	2003	0	A	RPT		0
01/06/2004	2003	357	A	ab		0
04/27/2004	2004	119	A	RPT		119.240
07/14/2004	2004	119	A	TW		0
10/20/2004	2004	119	A	TW		0
01/03/2005	2004	119	A	TW		0
03/30/2005	2005	119	A	JW		0
07/06/2005	2005	119	A	JW		0
01/05/2006	2005	119	A	TW	PUMP PULLED	0

**YTD Meter Amounts:	Year	Amount
	1999	1.260
	2000	0.490
	2001	52.050
	2002	244.570
	2003	48.920
	2004	119.240
	2005	0

Meter Number: 572 **Meter Make:** ELECTRIC

Meter Serial Number: 15082467 **Meter Multiplier:** 1.0000

Number of Dials: 5 **Meter Type:** Power Child

Unit of Measure: Kilowatt Hours **Return Flow Percent:**

Usage Multiplier: **Reading Frequency:**

Meter Readings in (Kilowatt Hours)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
12/29/1998	1999	46229	A	ms		0	
04/01/1999	1999	46240	A	ms		11.000	
06/15/1999	1999	46275	A	ms		35.000	
09/29/1999	1999	46307	A	ms		32.000	
04/06/2000	2000	5318	C	mb	Meter Reading Correction	-40989.000	
07/07/2000	2000	6318	A	mb		1000.000	
10/19/2000	2000	6336	A	mb		18.000	
07/20/2001	2001	6336	A	ms		0	
06/03/2003	2003	0	A	ms		0	

**YTD Meter Amounts:	Year	Amount
	1999	78.000
	2000	-39971.000
	2001	0
	2003	0

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

New Mexico Office of the State Engineer

Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 01336	2	1	1	22	23S	28E	586572	3573744*

Driller License: 24 **Driller Company:** BRININSTOOL, M.D.

Driller Name: HOWARD HEMLER

Drill Start Date:	09/03/1966	**Drill Finish Date:**	09/20/1966	**Plug Date:**	
Log File Date:	01/26/1967	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	7.00	**Depth Well:**	190 feet	**Depth Water:**	30 feet

Water Bearing Stratifications:	Top	Bottom	Description
	38	42	Sandstone/Gravel/Conglomerate
	66	75	Sandstone/Gravel/Conglomerate
	155	160	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	38	42

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

New Mexico Office of the State Engineer
Point of Diversion Summary

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

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 01872	2	1		22	23S	28E	586878	3573649*

Driller License: 113 **Driller Company:** MORELAND, A.J.

Driller Name: MORELAND, A.J.

Drill Start Date:	04/07/1980	**Drill Finish Date:**	06/12/1980	**Plug Date:**	
Log File Date:	07/02/1980	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	300 GPM
Casing Size:	7.00	**Depth Well:**	68 feet	**Depth Water:**	48 feet

Water Bearing Stratifications:	Top	Bottom	Description
	52	68	Sandstone/Gravel/Conglomerate

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

New Mexico Office of the State Engineer
Point of Diversion Summary

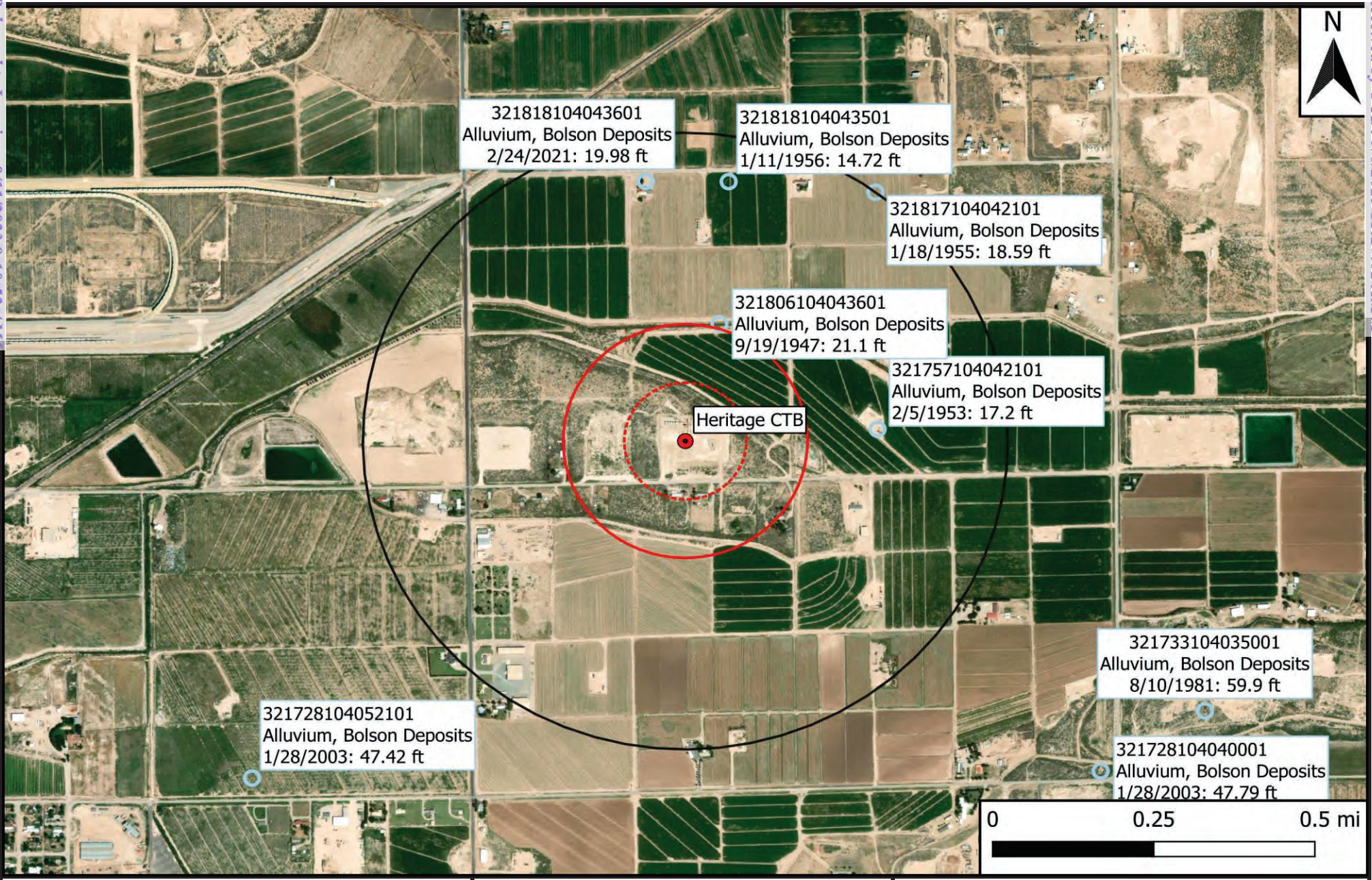
Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Tws	Rng	(NAD83 UTM in meters) X	Y
	C 01885	2	2		21	23S	28E	586070	3573640*

Driller License:	592	**Driller Company:**	TOMBLIN DRILLING		
Driller Name:	JIM TOMBLIN				
Drill Start Date:	12/10/1979	**Drill Finish Date:**	12/17/1979	**Plug Date:**	
Log File Date:	01/14/1980	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	50 GPM
Casing Size:	7.00	**Depth Well:**	104 feet	**Depth Water:**	35 feet

Water Bearing Stratifications:	Top	Bottom	Description
	56	104	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	65	104

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



Legend
- Site Location
- Well - USGS
- 500 Ft Radius
- 1000 Ft Radius
- 0.5 Mi Radius

Figure 5
USGS Well Proximity Map
Chevron USA
Heritage CTB
GPS: 32.299047, -104.078094
Eddy County

eTECH Environmental & Safety Solutions, Inc.

Drafted: mag Checked: be Date: 8/9/22

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USGS Water Resources

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Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 321757104042101

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

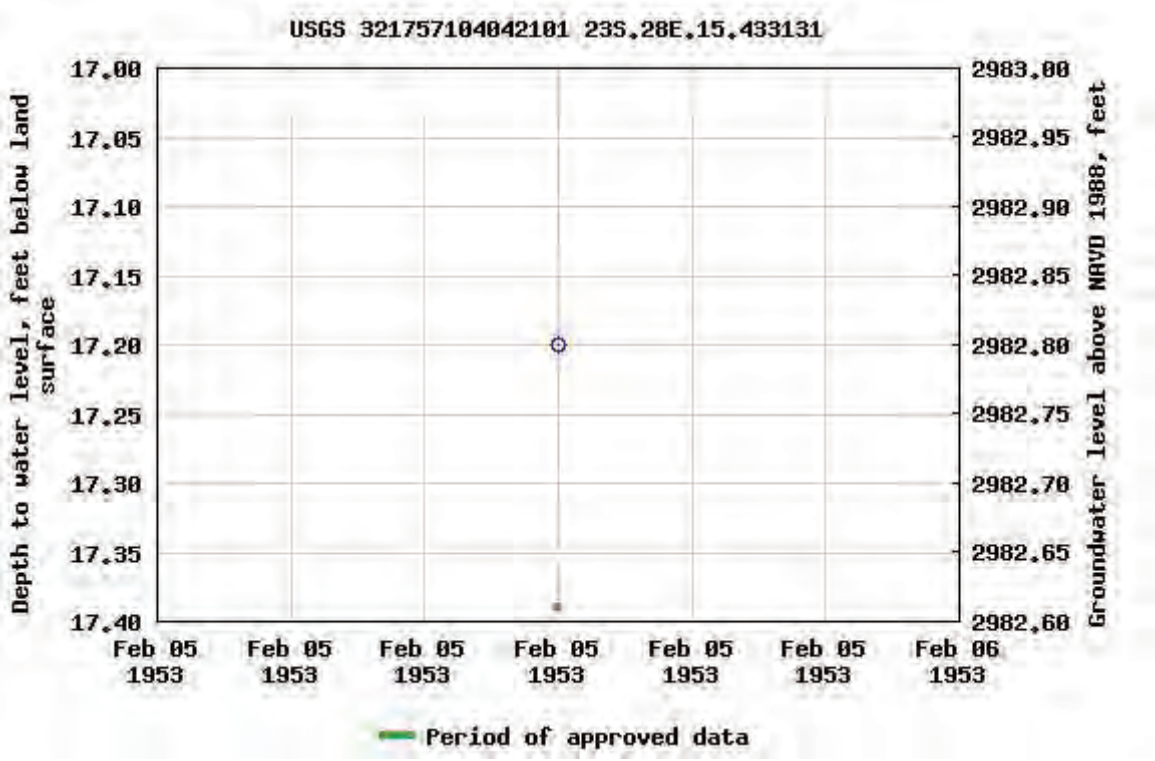
USGS 321757104042101 23S.28E.15.433131

Available data for this site | Groundwater: Field measurements | GO

Eddy County, New Mexico
Hydrologic Unit Code 13060011
Latitude 32°17'57", Longitude 104°04'21" NAD27
Land-surface elevation 3,000 feet above NAVD88
The depth of the well is 149 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



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0.58 0.53 nadww01

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Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 321806104043601

Minimum number of levels = 1

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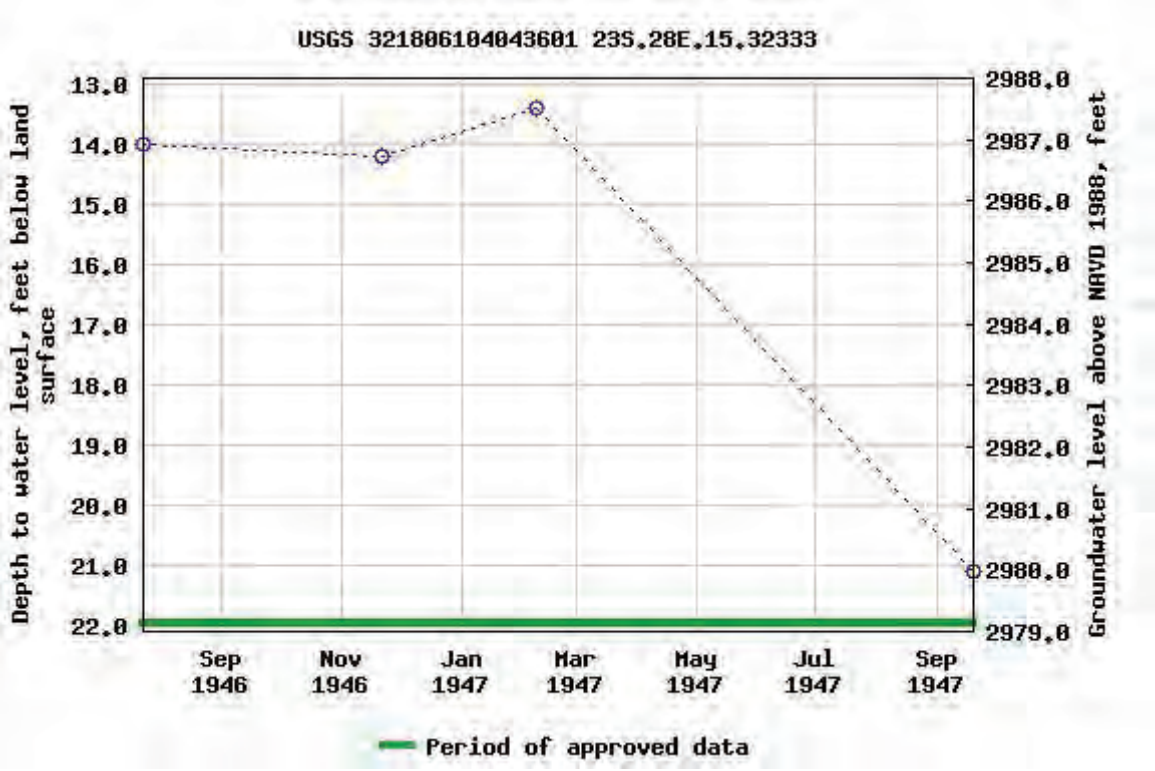
USGS 321806104043601 23S.28E.15.32333

Available data for this site | Groundwater: Field measurements | GO

Eddy County, New Mexico
Hydrologic Unit Code 13060011
Latitude 32°18'06", Longitude 104°04'36" NAD27
Land-surface elevation 3,001 feet above NAVD88
The depth of the well is 145 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



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Agency code = usgs
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- 321817104042101

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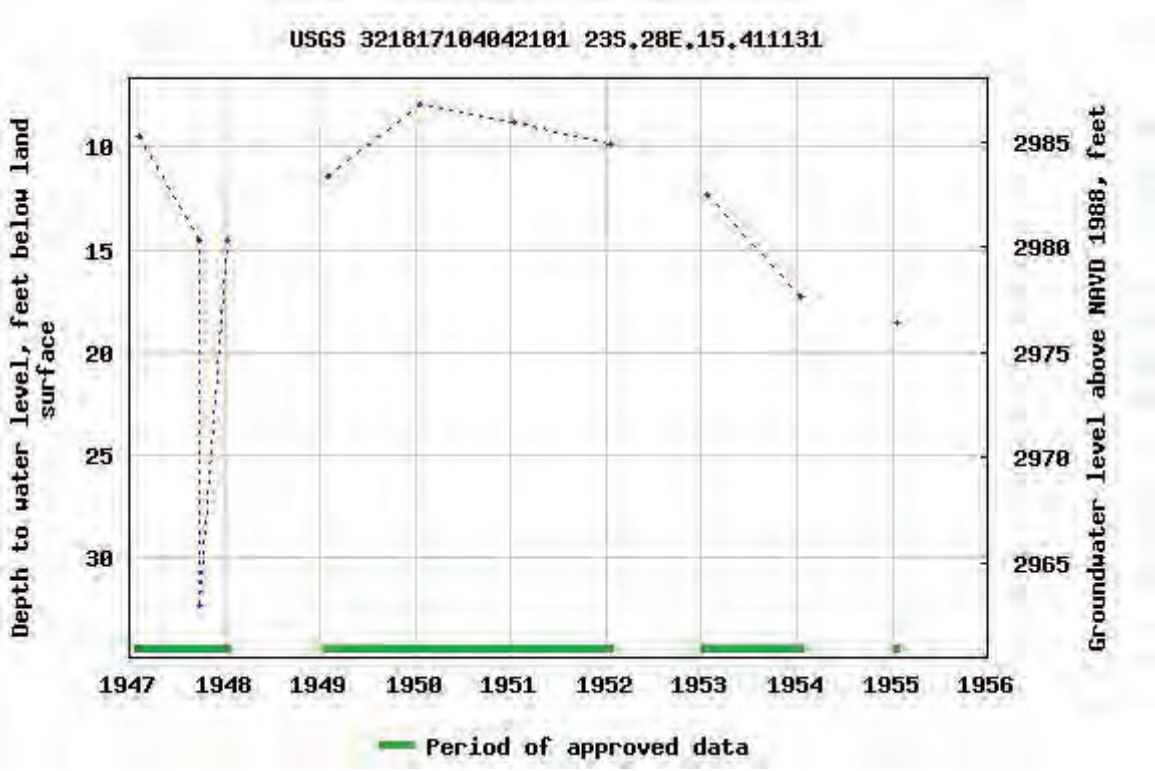
USGS 321817104042101 23S.28E.15.411131

Available data for this site | Groundwater: Field measurements | GO

Eddy County, New Mexico
Hydrologic Unit Code 13060011
Latitude 32°18'17", Longitude 104°04'21" NAD27
Land-surface elevation 2,995 feet above NAVD88
The depth of the well is 88 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



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- 321818104043501

Minimum number of levels = 1
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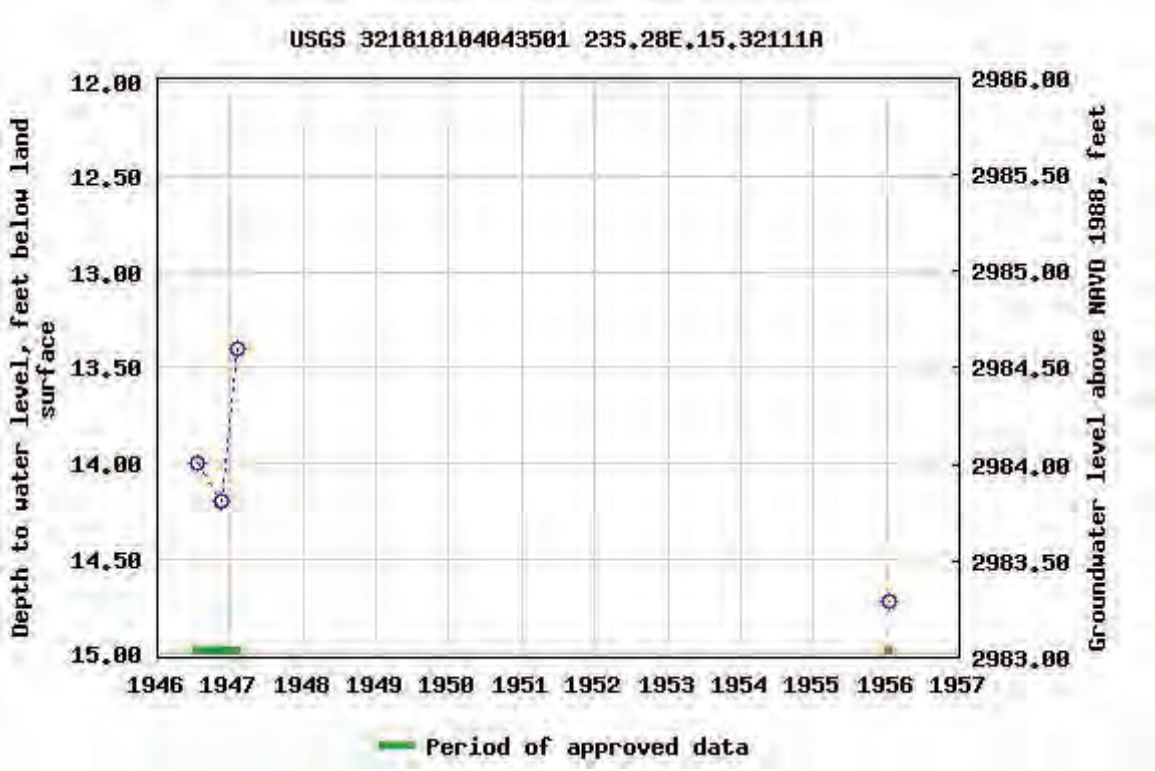
USGS 321818104043501 23S.28E.15.32111A

Available data for this site | Groundwater: Field measurements | GO

Eddy County, New Mexico
Hydrologic Unit Code 13060011
Latitude 32°18'18", Longitude 104°04'35" NAD27
Land-surface elevation 2,998 feet above NAVD88
The depth of the well is 137 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



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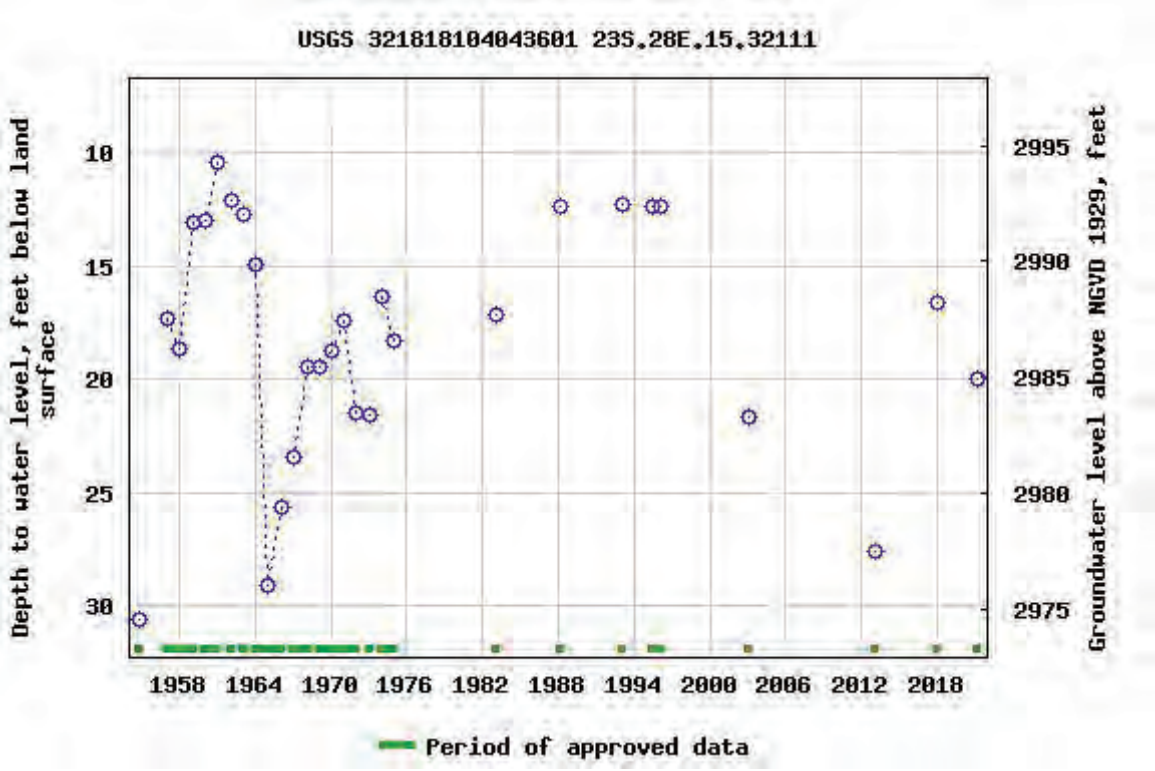
Eddy County, New Mexico
Hydrologic Unit Code 13060011
Latitude 32°18'18.5", Longitude 104°04'44.7" NAD83
Land-surface elevation 3,004.90 feet above NGVD29
The depth of the well is 160 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



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0.59 0.53 nadww01

Appendix C

Photographic Documentation

Project Name: *Heritage CTB*
Project No: *15980*

Photographic Documentation

Photo No: **1.**	
Direction Taken: West	
Description: View of the impacted area.	

Photo No: **2.**	
Direction Taken: East	
Description: View of the impacted area.	

Appendix D

Laboratory Analytical

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-14331-1
Laboratory Sample Delivery Group: 15930
Client Project/Site: Heritage CTB

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

Attn: Brandon Wilson

JKramer

Authorized for release by:
5/11/2022 7:28:02 AM

Jessica Kramer, Project Manager
(432)704-5440
Jessica.Kramer@et.eurofinsus.com

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.

Client: Etech Environmental & Safety Solutions
Project/Site: Heritage CTB

Laboratory Job ID: 880-14331-1
SDG: 15930

Table of Contents

Definitions/Glossary

Client: Etech Environmental & Safety Solutions
Project/Site: Heritage CTB

Job ID: 880-14331-1
SDG: 15930

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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: Heritage CTB

Job ID: 880-14331-1
SDG: 15930

Job ID: 880-14331-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-14331-1

Receipt
The samples were received on 5/3/2022 11:39 AM. 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 5.7°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: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-24742 and analytical batch 880-24769 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: Auger Hole 1 (880-14331-1). 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.

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-24814 and analytical batch 880-24887 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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: Heritage CTB

Job ID: 880-14331-1
SDG: 15930

Client Sample ID: Auger Hole 1

Lab Sample ID: 880-14331-1
Matrix: Solid
Date Collected: 05/02/22 14:00
Date Received: 05/03/22 11:39
Sample Depth: 0 - 6"

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		05/10/22 10:52	05/11/22 04:14	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/10/22 10:52	05/11/22 04:14	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/10/22 10:52	05/11/22 04:14	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/10/22 10:52	05/11/22 04:14	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/10/22 10:52	05/11/22 04:14	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/10/22 10:52	05/11/22 04:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*05/10/22 10:52*	*05/11/22 04:14*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*05/10/22 10:52*	*05/11/22 04:14*	*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			05/11/22 08:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**688**		50.0		mg/Kg			05/05/22 12:45	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		05/03/22 14:16	05/04/22 20:03	1
Diesel Range Organics (Over C10-C28)	**545**		50.0		mg/Kg		05/03/22 14:16	05/04/22 20:03	1
Oil Range Organics (Over C28-C36)	**143**		50.0		mg/Kg		05/03/22 14:16	05/04/22 20:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*36*	*S1-*	*70 - 130*	*05/03/22 14:16*	*05/04/22 20:03*	*1*
o-Terphenyl	*34*	*S1-*	*70 - 130*	*05/03/22 14:16*	*05/04/22 20:03*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.1**	**F1**	5.00		mg/Kg			05/06/22 06:56	1

Client Sample ID: Auger Hole 1

Lab Sample ID: 880-14331-2
Matrix: Solid
Date Collected: 05/02/22 14:05
Date Received: 05/03/22 11:39
Sample Depth: 30 - 36"

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		05/10/22 10:52	05/11/22 04:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/10/22 10:52	05/11/22 04:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/10/22 10:52	05/11/22 04:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/10/22 10:52	05/11/22 04:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/10/22 10:52	05/11/22 04:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/10/22 10:52	05/11/22 04:34	1

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Heritage CTB

Job ID: 880-14331-1
SDG: 15930

Client Sample ID: Auger Hole 1

Date Collected: 05/02/22 14:05
Date Received: 05/03/22 11:39
Sample Depth: 30 - 36"

Lab Sample ID: 880-14331-2

Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*05/10/22 10:52*	*05/11/22 04:34*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/10/22 10:52*	*05/11/22 04:34*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/11/22 08:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**72.4**		50.0		mg/Kg			05/05/22 12:45	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		05/03/22 14:16	05/04/22 20:25	1
Diesel Range Organics (Over C10-C28)	**72.4**		50.0		mg/Kg		05/03/22 14:16	05/04/22 20:25	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/03/22 14:16	05/04/22 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*05/03/22 14:16*	*05/04/22 20:25*	*1*
o-Terphenyl	*79*		*70 - 130*	*05/03/22 14:16*	*05/04/22 20:25*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			05/06/22 07:15	1

Client Sample ID: Auger Hole 2

Date Collected: 05/02/22 14:10
Date Received: 05/03/22 11:39
Sample Depth: 0 - 6"

Lab Sample ID: 880-14331-3

Matrix: Solid

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		05/10/22 10:52	05/11/22 04:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/10/22 10:52	05/11/22 04:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/10/22 10:52	05/11/22 04:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/10/22 10:52	05/11/22 04:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/10/22 10:52	05/11/22 04:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/10/22 10:52	05/11/22 04:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*05/10/22 10:52*	*05/11/22 04:55*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/10/22 10:52*	*05/11/22 04:55*	*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			05/11/22 08:13	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			05/05/22 12:45	1

Eurofins Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Heritage CTB

Job ID: 880-14331-1
SDG: 15930

Client Sample ID: Auger Hole 2

Lab Sample ID: 880-14331-3
Matrix: Solid
Date Collected: 05/02/22 14:10
Date Received: 05/03/22 11:39
Sample Depth: 0 - 6"

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		05/03/22 14:16	05/04/22 20:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/03/22 14:16	05/04/22 20:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/03/22 14:16	05/04/22 20:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*72*		*70 - 130*	*05/03/22 14:16*	*05/04/22 20:47*	*1*
o-Terphenyl	*72*		*70 - 130*	*05/03/22 14:16*	*05/04/22 20:47*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	778		24.8		mg/Kg			05/06/22 07:21	5

Client Sample ID: Auger Hole 2

Lab Sample ID: 880-14331-4
Matrix: Solid
Date Collected: 05/02/22 14:15
Date Received: 05/03/22 11:39
Sample Depth: 18 - 24"

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		05/10/22 10:52	05/11/22 05:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/10/22 10:52	05/11/22 05:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/10/22 10:52	05/11/22 05:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/10/22 10:52	05/11/22 05:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/10/22 10:52	05/11/22 05:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/10/22 10:52	05/11/22 05:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*05/10/22 10:52*	*05/11/22 05:15*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*05/10/22 10:52*	*05/11/22 05:15*	*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			05/11/22 08:13	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			05/05/22 12:45	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		05/04/22 14:31	05/05/22 15:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/04/22 14:31	05/05/22 15:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/04/22 14:31	05/05/22 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*05/04/22 14:31*	*05/05/22 15:44*	*1*
o-Terphenyl	*101*		*70 - 130*	*05/04/22 14:31*	*05/05/22 15:44*	*1*

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Heritage CTB

Job ID: 880-14331-1
SDG: 15930

Client Sample ID: Auger Hole 2

Date Collected: 05/02/22 14:15
Date Received: 05/03/22 11:39
Sample Depth: 18 - 24"

Lab Sample ID: 880-14331-4

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	291		4.97		mg/Kg			05/06/22 07:28	1

Surrogate Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Heritage CTB

Job ID: 880-14331-1
SDG: 15930

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)										
880-14331-1	Auger Hole 1	109	101										
880-14331-2	Auger Hole 1	106	100										
880-14331-3	Auger Hole 2	108	100										
880-14331-4	Auger Hole 2	105	99										
880-14580-A-4-B MS	Matrix Spike	104	98										
880-14580-A-4-C MSD	Matrix Spike Duplicate	106	101										
LCS 880-25266/1-A	Lab Control Sample	99	99										
LCSD 880-25266/2-A	Lab Control Sample Dup	100	97										
MB 880-25110/5-A	Method Blank	101	95										
MB 880-25266/5-A	Method Blank	98	95										

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)										
880-14234-A-1-E MS	Matrix Spike	33 S1-	29 S1-										
880-14234-A-1-F MSD	Matrix Spike Duplicate	43 S1-	34 S1-										
880-14331-1	Auger Hole 1	36 S1-	34 S1-										
880-14331-2	Auger Hole 1	78	79										
880-14331-3	Auger Hole 2	72	72										
880-14331-4	Auger Hole 2	96	101										
LCS 880-24742/2-A	Lab Control Sample	105	104										
LCSD 880-24742/3-A	Lab Control Sample Dup	113	110										
MB 880-24742/1-A	Method Blank	86	97										

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Heritage CTB

Job ID: 880-14331-1
SDG: 15930

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-25110/5-A
Matrix: Solid
Analysis Batch: 25224

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25110

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/09/22 13:08	05/10/22 12:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/22 13:08	05/10/22 12:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/22 13:08	05/10/22 12:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/09/22 13:08	05/10/22 12:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/22 13:08	05/10/22 12:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/22 13:08	05/10/22 12:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*90 - 170*	*05/09/22 13:08*	*05/10/22 12:02*	*1*
1,4-Difluorobenzene (Surr)	*103*		*90 - 170*	*05/09/22 13:08*	*05/10/22 12:02*	*1*

Lab Sample ID: MB 880-25266/5-A
Matrix: Solid
Analysis Batch: 25224

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25266

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/10/22 10:52	05/11/22 03:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/10/22 10:52	05/11/22 03:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/10/22 10:52	05/11/22 03:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/10/22 10:52	05/11/22 03:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/10/22 10:52	05/11/22 03:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/10/22 10:52	05/11/22 03:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*90 - 170*	*05/10/22 10:52*	*05/11/22 03:04*	*1*
1,4-Difluorobenzene (Surr)	*103*		*90 - 170*	*05/10/22 10:52*	*05/11/22 03:04*	*1*

Lab Sample ID: LCS 880-25266/1-A
Matrix: Solid
Analysis Batch: 25224

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25266

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08603		mg/Kg		86	70 - 130
Toluene	0.100	0.08465		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.08620		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	0.200	0.1796		mg/Kg		90	70 - 130
o-Xylene	0.100	0.09780		mg/Kg		98	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*90 - 170*
1,4-Difluorobenzene (Surr)	*101*		*90 - 170*

Lab Sample ID: LCSD 880-25266/2-A
Matrix: Solid
Analysis Batch: 25224

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 25266

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07230		mg/Kg		72	70 - 130	17	35

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QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Heritage CTB

Job ID: 880-14331-1
SDG: 15930

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

Lab Sample ID: LCSD 880-25266/2-A
Matrix: Solid
Analysis Batch: 25224

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 25266

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.07434		mg/Kg		74	70 - 130	13	35
Ethylbenzene			0.100	0.07575		mg/Kg		76	70 - 130	13	35
m-Xylene & p-Xylene			0.200	0.1592		mg/Kg		80	70 - 130	12	35
o-Xylene			0.100	0.08755		mg/Kg		88	70 - 130	11	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*90 - 170*
1,4-Difluorobenzene (Surr)	*99*		*90 - 170*

Lab Sample ID: 880-14580-A-4-B MS
Matrix: Solid
Analysis Batch: 25224

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 25266

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.0998	0.07959		mg/Kg		80	70 - 130
Toluene	<0.00201	U	0.0998	0.07831		mg/Kg		78	70 - 130
Ethylbenzene	<0.00201	U	0.0998	0.08032		mg/Kg		80	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1674		mg/Kg		84	70 - 130
o-Xylene	<0.00201	U	0.0998	0.09136		mg/Kg		92	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*90 - 170*
1,4-Difluorobenzene (Surr)	*98*		*90 - 170*

Lab Sample ID: 880-14580-A-4-C MSD
Matrix: Solid
Analysis Batch: 25224

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 25266

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.08680		mg/Kg		87	70 - 130	9	35
Toluene	<0.00201	U	0.100	0.08529		mg/Kg		85	70 - 130	9	35
Ethylbenzene	<0.00201	U	0.100	0.08679		mg/Kg		87	70 - 130	8	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1811		mg/Kg		90	70 - 130	8	35
o-Xylene	<0.00201	U	0.100	0.09802		mg/Kg		98	70 - 130	7	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*10h*		*90 - 170*
1,4-Difluorobenzene (Surr)	*101*		*90 - 170*

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

Lab Sample ID: MB 880-24742/1-A
Matrix: Solid
Analysis Batch: 24769

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24742

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		05/03/22 14:16	05/04/22 10:58	1

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Heritage CTB

Job ID: 880-14331-1
SDG: 15930

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

Lab Sample ID: MB 880-24742/1-A
Matrix: Solid
Analysis Batch: 24769

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24742

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		05/03/22 14:16	05/04/22 10:58	1
OIl Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/03/22 14:16	05/04/22 10:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-c t lorooa6Tne	*, h*		*90 - 170*	*035075 / 1421h*	*035045 / 1023,*	*1*
o-peryt en8l	*: 9*		*90 - 170*	*035075 / 1421h*	*035045 / 1023,*	*1*

Lab Sample ID: LCS 880-24742/2-A
Matrix: Solid
Analysis Batch: 24769

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24742

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	935.0		mg/Kg		94	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	967.7		mg/Kg		97	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-c t lorooa6Tne	*103*		*90 - 170*
o-peryt en8l	*104*		*90 - 170*

Lab Sample ID: LCSD 880-24742/3-A
Matrix: Solid
Analysis Batch: 24769

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 24742

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1022		mg/Kg		102	70 - 130	9	20
Diesel Range Organics (Over C10-C28)			1000	1040		mg/Kg		104	70 - 130	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-c t lorooa6Tne	*117*		*90 - 170*
o-peryt en8l	*110*		*90 - 170*

Lab Sample ID: 880-14234-A-1-E MS
Matrix: Solid
Analysis Batch: 24769

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 24742

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 F1	1000	331.2	F1	mg/Kg		33	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U F1 F2	1000	292.2	F1	mg/Kg		28	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-c t lorooa6Tne	*77*	*S1-*	*90 - 170*
o-peryt en8l	*/ :*	*S1-*	*90 - 170*

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Heritage CTB

Job ID: 880-14331-1
SDG: 15930

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

Lab Sample ID: 880-14234-A-1-F MSD
Matrix: Solid
Analysis Batch: 24769

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 24742

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 F1	998	374.5	F1	mg/Kg		38	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1 F2	998	363.9	F1 F2	mg/Kg		35	70 - 130	22	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-c t lorooa6Tne	*47*	*S1-*	*90 - 170*
o-peryt en8l	*74*	*S1-*	*90 - 170*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-24814/1-A
Matrix: Solid
Analysis Batch: 24887

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/06/22 06:37	1

Lab Sample ID: LCS 880-24814/2-A
Matrix: Solid
Analysis Batch: 24887

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	266.7		mg/Kg		107	90 - 110

Lab Sample ID: LCSD 880-24814/3-A
Matrix: Solid
Analysis Batch: 24887

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	273.0		mg/Kg		109	90 - 110	2	20

Lab Sample ID: 880-14331-1 MS
Matrix: Solid
Analysis Batch: 24887

Client Sample ID: Auger Hole 1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	11.1	F1	250	305.4	F1	mg/Kg		118	90 - 110

Lab Sample ID: 880-14331-1 MSD
Matrix: Solid
Analysis Batch: 24887

Client Sample ID: Auger Hole 1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	11.1	F1	250	281.0		mg/Kg		108	90 - 110	8	20

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Heritage CTB

Job ID: 880-14331-1
SDG: 15930

GC VOA

Prep Batch: 25110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-25110/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 25224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14331-1	Auger Hole 1	Total/NA	Solid	8021B	25266
880-14331-2	Auger Hole 1	Total/NA	Solid	8021B	25266
880-14331-3	Auger Hole 2	Total/NA	Solid	8021B	25266
880-14331-4	Auger Hole 2	Total/NA	Solid	8021B	25266
MB 880-25110/5-A	Method Blank	Total/NA	Solid	8021B	25110
MB 880-25266/5-A	Method Blank	Total/NA	Solid	8021B	25266
LCS 880-25266/1-A	Lab Control Sample	Total/NA	Solid	8021B	25266
LCSD 880-25266/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	25266
880-14580-A-4-B MS	Matrix Spike	Total/NA	Solid	8021B	25266
880-14580-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	25266

Prep Batch: 25266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14331-1	Auger Hole 1	Total/NA	Solid	5035	
880-14331-2	Auger Hole 1	Total/NA	Solid	5035	
880-14331-3	Auger Hole 2	Total/NA	Solid	5035	
880-14331-4	Auger Hole 2	Total/NA	Solid	5035	
MB 880-25266/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-25266/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-25266/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-14580-A-4-B MS	Matrix Spike	Total/NA	Solid	5035	
880-14580-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 25300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14331-1	Auger Hole 1	Total/NA	Solid	Total BTEX	
880-14331-2	Auger Hole 1	Total/NA	Solid	Total BTEX	
880-14331-3	Auger Hole 2	Total/NA	Solid	Total BTEX	
880-14331-4	Auger Hole 2	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 24742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14331-1	Auger Hole 1	Total/NA	Solid	8015NM Prep	
880-14331-2	Auger Hole 1	Total/NA	Solid	8015NM Prep	
880-14331-3	Auger Hole 2	Total/NA	Solid	8015NM Prep	
MB 880-24742/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-24742/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-24742/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-14234-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-14234-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 24769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14331-1	Auger Hole 1	Total/NA	Solid	8015B NM	24742
880-14331-2	Auger Hole 1	Total/NA	Solid	8015B NM	24742

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Heritage CTB

Job ID: 880-14331-1
SDG: 15930

GC Semi VOA (Continued)

Analysis Batch: 24769 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14331-3	Auger Hole 2	Total/NA	Solid	8015B NM	24742
MB 880-24742/1-A	Method Blank	Total/NA	Solid	8015B NM	24742
LCS 880-24742/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	24742
LCSD 880-24742/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	24742
880-14234-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	24742
880-14234-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	24742

Prep Batch: 24832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14331-4	Auger Hole 2	Total/NA	Solid	8015NM Prep	

Analysis Batch: 24856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14331-4	Auger Hole 2	Total/NA	Solid	8015B NM	24832

Analysis Batch: 24894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14331-1	Auger Hole 1	Total/NA	Solid	8015 NM	
880-14331-2	Auger Hole 1	Total/NA	Solid	8015 NM	
880-14331-3	Auger Hole 2	Total/NA	Solid	8015 NM	
880-14331-4	Auger Hole 2	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 24814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14331-1	Auger Hole 1	Soluble	Solid	DI Leach	
880-14331-2	Auger Hole 1	Soluble	Solid	DI Leach	
880-14331-3	Auger Hole 2	Soluble	Solid	DI Leach	
880-14331-4	Auger Hole 2	Soluble	Solid	DI Leach	
MB 880-24814/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-24814/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-24814/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-14331-1 MS	Auger Hole 1	Soluble	Solid	DI Leach	
880-14331-1 MSD	Auger Hole 1	Soluble	Solid	DI Leach	

Analysis Batch: 24887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14331-1	Auger Hole 1	Soluble	Solid	300.0	24814
880-14331-2	Auger Hole 1	Soluble	Solid	300.0	24814
880-14331-3	Auger Hole 2	Soluble	Solid	300.0	24814
880-14331-4	Auger Hole 2	Soluble	Solid	300.0	24814
MB 880-24814/1-A	Method Blank	Soluble	Solid	300.0	24814
LCS 880-24814/2-A	Lab Control Sample	Soluble	Solid	300.0	24814
LCSD 880-24814/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	24814
880-14331-1 MS	Auger Hole 1	Soluble	Solid	300.0	24814
880-14331-1 MSD	Auger Hole 1	Soluble	Solid	300.0	24814

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Heritage CTB

Job ID: 880-14331-1
SDG: 15930

Client Sample ID: Auger Hole 1

Lab Sample ID: 880-14331-1
Matrix: Solid
Date Collected: 05/02/22 14:00
Date Received: 05/03/22 11:39

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	25266	05/10/22 10:52	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25224	05/11/22 04:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25300	05/11/22 08:13	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24894	05/05/22 12:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24742	05/03/22 14:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24769	05/04/22 20:03	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	24814	05/04/22 12:07	SC	XEN MID
Soluble	Analysis	300.0		1			24887	05/06/22 06:56	CH	XEN MID

Client Sample ID: Auger Hole 1

Lab Sample ID: 880-14331-2
Matrix: Solid
Date Collected: 05/02/22 14:05
Date Received: 05/03/22 11:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	25266	05/10/22 10:52	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25224	05/11/22 04:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25300	05/11/22 08:13	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24894	05/05/22 12:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	24742	05/03/22 14:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24769	05/04/22 20:25	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	24814	05/04/22 12:07	SC	XEN MID
Soluble	Analysis	300.0		1			24887	05/06/22 07:15	CH	XEN MID

Client Sample ID: Auger Hole 2

Lab Sample ID: 880-14331-3
Matrix: Solid
Date Collected: 05/02/22 14:10
Date Received: 05/03/22 11:39

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	25266	05/10/22 10:52	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25224	05/11/22 04:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25300	05/11/22 08:13	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24894	05/05/22 12:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24742	05/03/22 14:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24769	05/04/22 20:47	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	24814	05/04/22 12:07	SC	XEN MID
Soluble	Analysis	300.0		5			24887	05/06/22 07:21	CH	XEN MID

Client Sample ID: Auger Hole 2

Lab Sample ID: 880-14331-4
Matrix: Solid
Date Collected: 05/02/22 14:15
Date Received: 05/03/22 11:39

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	25266	05/10/22 10:52	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25224	05/11/22 05:15	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25300	05/11/22 08:13	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Job ID: 880-14331-1
Project/Site: Heritage CTB
SDG: 15930

Client Sample ID: Auger Hole 2
Lab Sample ID: 880-14331-4

Date Collected: 05/02/22 14:15
Matrix: Solid
Date Received: 05/03/22 11:39

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			24894	05/05/22 12:45	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24832	05/04/22 14:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24856	05/05/22 15:44	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	24814	05/04/22 12:07	SC	XEN MID
Soluble	Analysis	300.0		1			24887	05/06/22 07:28	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
Job ID: 880-14331-1
Project/Site: Heritage CTB
SDG: 15930

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: Heritage CTB

Job ID: 880-14331-1
SDG: 15930

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
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

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

Sample Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Heritage CTB

Job ID: 880-14331-1
SDG: 15930

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-14331-1	Auger Hole 1	Solid	05/02/22 14:00	05/03/22 11:39	0 - 6"
880-14331-2	Auger Hole 1	Solid	05/02/22 14:05	05/03/22 11:39	30 - 36"
880-14331-3	Auger Hole 2	Solid	05/02/22 14:10	05/03/22 11:39	0 - 6"
880-14331-4	Auger Hole 2	Solid	05/02/22 14:15	05/03/22 11:39	18 - 24"

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: 14331

www xenco com Page _____ of _____

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

Work Order Comments

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

Project Name:	Heritage CTB	Turn Around	
Project Number:	15980	Routine ☐	
P.O. Number:		Rush	
Sampler's Name:	Arturo Delgado	Due Date	

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Temperature (°C):	5.9/5.7	Thermometer ID	IR8	
Received Intact:	(Yes) No			
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-.2	
Sample Custody Seals:	Yes No (N/A)	Total Containers		

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	TPH (8015M)	BTEX (8021B)	Chlorides 300
Auger Hole 1	S	5-2-22	14:00	0-6"	1			
Auger Hole 1	S		14:05	30-36"	1			
Auger Hole 2	S		14:10	0-6"	1			
Auger Hole 2	S		14:15	18-24"	1			

Work Order Notes

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

Sample Comments

880-14331 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		5/3/22 11:39	2		
3			4		
5			6		

Revised Date 051418 Rev 2018.1

Login Sample Receipt Checklist

Client: Etech Environmental & Safety Solutions

Job Number: 880-14331-1
SDG Number: 15930

Login Number: 14331
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	

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

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 153038
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bhall	None	10/25/2022

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

CONDITIONS

Action 263372

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 263372
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bhall	Closure approved. Site will need to meet the all the requirements of 19.15.29.13 NMAC at time of plugging or abandonment or major facility deconstruction, whichever comes first.	9/11/2023