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	nAPP2301837404
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Chevron U.S.A., Inc.	OGRID: 4323
Contact Name: Catherine Smith	Contact Telephone: 432-967-9487
Contact email: catherinesmith@chevron.com	Incident # nAPP2301837404
Contact mailing address:6301 Deauville Blvd Midland, TX 79706	

Location of Release Source

Latitude: 32.098756 Longitude: - 104.154525
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Hayhurst NM Section 26 Dignitas SWD	Site Type: Oil
Date Release Discovered: 01/05/2023	API# *(if applicable):*

Unit Letter	Section	Township	Range	County
I	26	25S	27E	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)	Volume Recovered (bbls)
☐ 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): 0.0095	Volume Recovered (bbls): 0
☒ Natural Gas	Volume Released (Mcf): 1.5	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release:

Condensate built up in the flare pilot line and resulted in condensate mist and liquid igniting from the flare and burning as it fell to the ground.

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2301837404
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? Event resulting in a fire.

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Yes – by Catherine Smith to Mike Bratcher by email on 01/05/2023 at 17:14 MT.

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: ____Catherine Smith_____ Title: _Lead Environmental Specialist, Field Support _____

Signature: _____ Date: ___1/18/2023_____

email: _____catherinesmith@chevron.com _____ Telephone: ____432-967-9487_____

OCD Only

Received by: __Jocelyn Harimon_____ Date: __01/19/2023__

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2301837404
District RP	
Facility ID	
Application ID	

Spill Calculations:

	Horizontal Dimensions			Vertical Dimensions		Calculated Volume	
	Diameter (in)	Length (feet)	Width (feet)	Abovegrade Depth (feet)	Belowgrade Depth (feet)	Condensate (feet cubed)	Condensate (Barrels)
Area 1	36				0.00520833	0.036815515	0.006556637
Area 2	24				0.00520833	0.016362451	0.002914061
Area 3							
						Total	0.009470698

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: 177666
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	1/19/2023

Incident ID	nAPP2301837404
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?	51-100
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.

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2301837404
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: Amy Barnhill Date: 9-10-23

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

OCD Only

Received by: _____ Date: _____

Incident ID	nAPP2301837404
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 Barrhill Title: Environmental Advisor

Signature: Amy Barrhill Date: 9-10-23

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

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: Scott Rodgers Date: 01/23/2024

Printed Name: Scott Rodgers Title: Environmental Specialist Adv.

Environmental & Safety Solutions, Inc.

CLOSURE REQUEST REPORT

Hayhurst NM Section 26 Dignitas SWD

Eddy County, New Mexico

Incident Number nAPP2301837404

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 soil sampling activities for an inadvertent release of condensate and natural gas at the Hayhurst NM Section 26 Dignitas SWD (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

The Site is located in Unit I, Section 26, Township 25 South, Range 27 East, in Eddy County, New Mexico (32.098756°, -104.154525°) and is associated with oil and gas exploration and production operations on State Land. (**Figure 1** in **Appendix A**).

On January 5, 2023, failure of the flare pilot line caused the release of approximately 0.0095 barrels (bbls) of condensate and 1.5 thousand cubic feet (Mcf) of natural gas, which ignited as it fell to the ground and resulted in a fire. Chevron immediately reported the release to the New Mexico Oil Conservation Division (NMOCD) via email on January 5, 2023, and on a Corrective Action Form C-141 (Form C-141), which was received by the NMOCD on January 19, 2023, and was subsequently assigned Incident Number nAPP2301837404. **Figure 2** in **Appendix A** depicts the observed release area, hereafter referred to as the Area of Concern (AOC).

SITE CHARACTERIZATION AND CLOSURE CRITERIA

Etech confirmed 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.

The closest well with available groundwater data is New Mexico Office of the State Engineer (NMOSE) well C-04371, located approximately 0.3 miles southwest of the Site. The well has a reported depth to groundwater of 69 feet below ground surface (bgs) from 2019. Based on this information and findings from the regional groundwater data review, depth to groundwater at the Site is estimated to be between 51 and 100 feet bgs. All well records referenced for depth to groundwater determination are included in **Appendix B**.

Based on the desktop review of the current BLM Carlsbad Field Office (CFO) karst cave potential map, this Site is located in a high potential karst area. All other potential receptors are not within the established buffers in NMAC 19.15.29.12. Receptor details and sources used for the site characterization are included in **Figure 1** in **Appendix A**.

Based on the results from the desktop review (specifically the BLM CFO karst designation), 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

SITE ASSESSMENT AND DELINEATION SOIL SAMPLING ACTIVITIES

On August 10, 2023, Etech personnel conducted site assessment and delineation activities to characterize the subject release by verifying the presence or absence of residual soil impacts associated with AOC. Five delineation auger holes were advanced via hand auger to define the vertical and horizontal extent of the AOC. Two soil samples were collected from each delineation soil sampling location. Soil descriptions are included on soil sampling logs shown in **Appendix C**. The locations of the delineation soil samples are shown in **Figure 2** in **Appendix A**. Photographic documentation of excavation activities is included in **Appendix D**.

The delineation soil samples were placed directly into lab provided pre-cleaned jars, packed 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.

LABORATORY ANALYTICAL RESULTS

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

CLOSURE REQUEST

Based on laboratory analytical results for delineation soil samples, Chevron believes delineation activities associated with the inadvertent release have verified the absence of residual soil impacts as per Site Closure Criteria, as well as defined the horizontal periphery of the AOC. As such, NFA appears warranted at this time and the CRR associated with Incident Number nAPP2301837404 should be respectfully considered for Closure by the NMOCD.

If you have any questions or comments, please do not hesitate to contact Blake Estep at (432) 894-6038 or blake@etechenv.com. **Appendix G** provides correspondence email notification receipts associated with the subject release.

Sincerely,
Etech Environmental and Safety Solutions, Inc.

Blake Estep, Project Manager

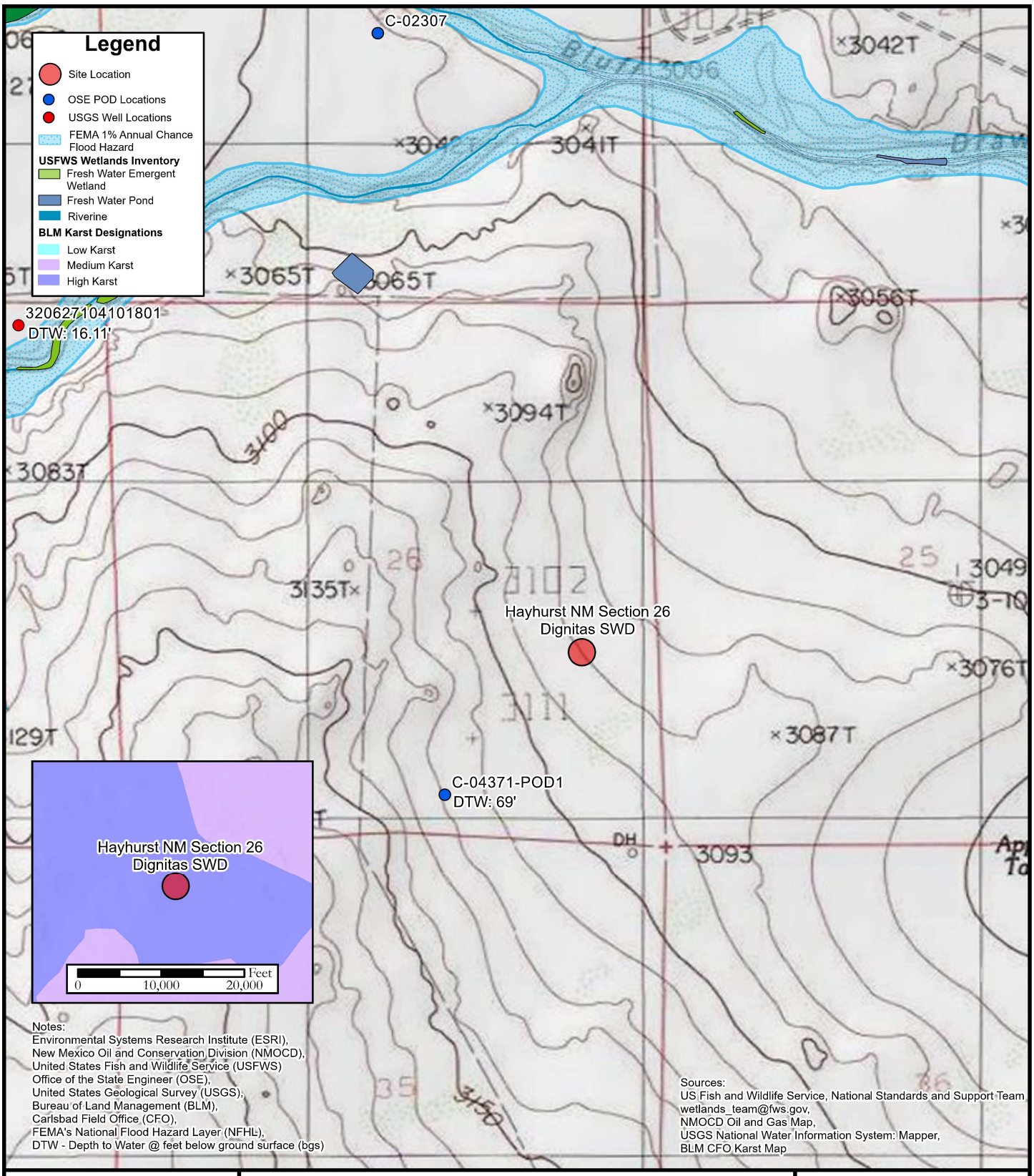
cc: Amy Barnhill, Chevron
New Mexico Oil Conservation Division
State Land Office

Appendices:

Appendix A: Figure 1: Site Map
Figure 2: Delineation Soil Sample Locations
Appendix B: Referenced Well Records
Appendix C: Soil Sampling Logs
Appendix D: Photographic Log
Appendix E: Tables
Appendix F: Laboratory Analytical Reports & Chain-of-Custody Documentation
Appendix G: NMOCD Notifications

APPENDIX A

Figures



eTECH

FIGURE 1

Site Map

CHEVRON USA, Inc.
Hayhurst NM Section 26 Dignitas SWD
Unit I Sec 26 T25S R27E
Eddy County, New Mexico

N

0 500 1,000 Feet

eTECH

FIGURE 2

Delineation Soil Sample Locations

CHEVRON USA, Inc.
Hayhurst NM Section 26 Dignitas SWD
Unit I Sec 26 T25S R27E
Eddy County, New Mexico

N

0 20 40 Feet

APPENDIX B

Referenced Well Records

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
N/A		C-4371

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Tetra Tech Inc. on behalf of Chevron N.A. E&P Co.	432-687-8130

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
901 W. Wall St. Suite 100	Midland	TX	79706

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	5	41.91	N
	LONGITUDE	104	9	31.92	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1456	John W. White	White Drilling Company, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
10/17/2019	10/17/2019		100	69

COMPLETED WELL IS: ☐ ARTESIAN ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): 69

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	5	5	Tan clayey sand	Y ✓ N	
5	100	95	Gypsum	✓ Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

-WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Dallas Rader

6. SIGNATURE

BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.

SIGNATURE OF DRILLER / PRINT SIGNEE NAME

10.28.19
DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 04/30/2019)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2

APPENDIX C

Soil Sampling Logs

eTECH

	Sample Name: Auger Hole 1	Date: 08/10/2023
	Site Name: Hayhurst NM Section 26 Dignitas SWD	
	Incident Number: nAPP2301837404	
	Job Number: 17503	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: DP	Method: Hand Auger
Coordinates: 32.098162, -104.154310	Hole Diameter: 2 inches	Total Depth: 4 feet

Comments: AH-1 represents sample name Auger Hole 1. Soil samples collected in the field were submitted for laboratory analysis of BTEX, TPH and chloride.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	-	-	No			0	SM	0-4': brown, f.-m. SILTY SAND, dry, non-plastic, noncohesive, poorly graded, no stainging, no odor
Dry	-	-	No	AH-1	1	1		
Dry	-	-	No			2		
Dry	-	-	No			3		
Dry	-	-	No	AH-1	4	4		
						Total Depth		

eTECH

	Sample Name: North Auger Hole	Date: 08/10/2023
	Site Name: Hayhurst NM Section 26 Dignitas SWD	
	Incident Number: nAPP2301837404	
	Job Number: 17503	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: DP	Method: Hand Auger
Coordinates: 32.098193, -104.154302	Hole Diameter: 2 inches	Total Depth: 4 feet

Comments: NAH represents sample name North Auger Hole. Soil samples collected in the field were submitted for laboratory analysis of BTEX, TPH and chloride.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	-	-	No			0	SM	0-4': brown, f.-m. SILTY SAND, dry, non-plastic, noncohesive, poorly graded, no stainging, no odor
Dry	-	-	No	NAH	1	1		
Dry	-	-	No			2		
Dry	-	-	No			3		
Dry	-	-	No	NAH	4	4		
Total Depth								

eTECH

	Sample Name: East Auger Hole	Date: 08/10/2023
	Site Name: Hayhurst NM Section 26 Dignitas SWD	
	Incident Number: nAPP2301837404	
	Job Number: 17503	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: DP	Method: Hand Auger
Coordinates: 32.098159, -104.154273	Hole Diameter: 2 inches	Total Depth: 4 feet

Comments: EAH represents sample name East Auger Hole. Soil samples collected in the field were submitted for laboratory analysis of BTEX, TPH and chloride.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	-	-	No			0	SM	0-4': brown, f.-m. SILTY SAND, dry, non-plastic, noncohesive, poorly graded, no stainging, no odor
Dry	-	-	No	EAH	1	1		
Dry	-	-	No			2		
Dry	-	-	No			3		
Dry	-	-	No	EAH	4	4		
						Total Depth		

eTECH

	Sample Name: South Auger Hole	Date: 08/10/2023
	Site Name: Hayhurst NM Section 26 Dignitas SWD	
	Incident Number: nAPP2301837404	
	Job Number: 17503	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: DP	Method: Hand Auger
Coordinates: 32.098132, -104.154312	Hole Diameter: 2 inches	Total Depth: 4 feet

Comments: SAH represents sample name South Auger Hole. Soil samples collected in the field were submitted for laboratory analysis of BTEX, TPH and chloride.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	-	-	No			0	SM	0-4': brown, f.-m. SILTY SAND, dry, non-plastic, noncohesive, poorly graded, no stainging, no odor
Dry	-	-	No	SAH	1	1		
Dry	-	-	No			2		
Dry	-	-	No			3		
Dry	-	-	No	SAH	4	4		

Total Depth

eTECH

	Sample Name: West Auger Hole	Date: 08/10/2023
	Site Name: Hayhurst NM Section 26 Dignitas SWD	
	Incident Number: nAPP2301837404	
	Job Number: 17503	
LITHOLOGIC / SOIL SAMPLING LOG	Logged By: DP	Method: Hand Auger
Coordinates: 32.098161, -104.154343	Hole Diameter: 2 inches	Total Depth: 4 feet

Comments: WAH represents sample name West Auger Hole. Soil samples collected in the field were submitted for laboratory analysis of BTEX, TPH and chloride.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	-	-	No			0	SM	0-4': brown, f.-m. SILTY SAND, dry, non-plastic, noncohesive, poorly graded, no stainging, no odor
Dry	-	-	No	WAH	1	1		
Dry	-	-	No			2		
Dry	-	-	No			3		
Dry	-	-	No	WAH	4	4		
Total Depth								

APPENDIX D

Photographic Log

eTECH

PHOTOGRAPHIC LOG
Chevron USA, Inc.
Hayhurst NM Section 26 Dignitas SWD
Incident Number nAPP2301837404

Photograph 1 **Date: 01/25/2023**
Description: Northeastern view of the Area of Concern, courtesy of Chevron

Photograph 2 **Date: 01/25/2023**
Description: Southern view of the Area of Concern, courtesy of Chevron

Photograph 3 **Date: 08/10/2023**
Description: Northern view of delineation activities

Photograph 4 **Date: 08/10/2023**
Description: Northeastern view of delineation activities

APPENDIX E

Tables

eTECH

Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Chevron USA, Inc.
Hayhurst NM Section 26 Dignitas SWD
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (inches bgs)	Sample Depth (feet 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**
Delineation Soil Samples - Incident Number nAPP2301837404										
Auger Hole 1	08/10/2023	0 - 6	0 - 0.5	<0.00202	<0.00403	<49.8	<49.8	<49.8	<49.8	46.7
Auger Hole 1	08/10/2023	42 - 48	3.5 - 4	<0.00200	<0.00401	<50.3	<50.3	<50.3	<50.3	35.4
North Auger Hole	08/10/2023	0 - 6	0 - 0.5	<0.00202	<0.00404	<50.5	<50.5	<50.5	<50.5	48.4
North Auger Hole	08/10/2023	42 - 48	3.5 - 4	<0.00200	<0.00399	<50.1	<50.1	<50.1	<50.1	40.0
East Auger Hole	08/10/2023	0 - 6	0 - 0.5	<0.00198	<0.00396	<50.1	<50.1	<50.1	<50.1	50.3
East Auger Hole	08/10/2023	42 - 48	3.5 - 4	<0.00199	<0.00398	<50.5	<50.5	<50.5	<50.5	62.4
South Auger Hole	08/10/2023	0 - 6	0 - 0.5	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	41.5
South Auger Hole	08/10/2023	42 - 48	3.5 - 4	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	41.6
West Auger Hole	08/10/2023	0 - 6	0 - 0.5	<0.00198	<0.00397	<49.6	<49.6	<49.6	<49.6	80.3
West Auger Hole	08/10/2023	42 - 48	3.5 - 4	<0.00202	<0.00404	<49.7	<49.7	<49.7	<49.7	47.3

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 **bold** exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard for Soils Impacted by a Release*

APPENDIX F

Laboratory Analytical Reports & Chain-of-Custody Documentation

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Blake Estep
Etech Environmental & Safety Solutions
PO BOX 62228
Midland, Texas 79711

Generated 8/21/2023 2:34:12 PM

JOB DESCRIPTION

Hayhurst NM Sec26 Dignitas SWD

JOB NUMBER

880-31941-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

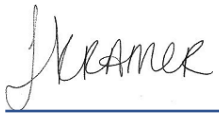
Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
8/21/2023 2:34:12 PM

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

Client: Etech Environmental & Safety Solutions
Project/Site: Hayhurst NM Sec26 Dignitas SWD

Laboratory Job ID: 880-31941-1

Table of Contents

Definitions/Glossary

Client: Etech Environmental & Safety Solutions Job ID: 880-31941-1
Project/Site: Hayhurst NM Sec26 Dignitas SWD

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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: Hayhurst NM Sec26 Dignitas SWD

Job ID: 880-31941-1

Job ID: 880-31941-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-31941-1

Receipt
The samples were received on 8/10/2023 4:43 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.4°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: Augerhole 1 (880-31941-1), Augerhole 1 (880-31941-2), North augerhole (880-31941-3), North augerhole (880-31941-4), East augerhole (880-31941-5), East augerhole (880-31941-6), South augerhole (880-31941-7), South augerhole (880-31941-8), West augerhole (880-31941-9) and West augerhole (880-31941-10).

GC VOA
Method 8021B: The continuing calibration verification (CCV) associated with batch 880-60525 recovered above the upper control limit for Benzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: (CCV 880-60525/20) and (CCV 880-60525/33).

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 surrogate recovery for the blank associated with preparation batch 880-60593 and analytical batch 880-60630 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: Augerhole 1 (880-31941-1), Augerhole 1 (880-31941-2), North augerhole (880-31941-3), North augerhole (880-31941-4), East augerhole (880-31941-5), East augerhole (880-31941-6), South augerhole (880-31941-8), West augerhole (880-31941-9), West augerhole (880-31941-10), (880-31941-A-1-F MS) and (880-31941-A-1-G MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (CCV 880-60630/20) and (CCV 880-60630/5). 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 for preparation batch 880-59908 and 880-59908 and analytical batch 880-60057 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.The associated samples are: Augerhole 1 (880-31941-1), Augerhole 1 (880-31941-2), North augerhole (880-31941-3), North augerhole (880-31941-4), East augerhole (880-31941-5), East augerhole (880-31941-6), South augerhole (880-31941-7), South augerhole (880-31941-8) and West augerhole (880-31941-9).

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: Hayhurst NM Sec26 Dignitas SWD

Job ID: 880-31941-1

Client Sample ID: Augerhole 1

Lab Sample ID: 880-31941-1
Matrix: Solid
Date Collected: 08/10/23 10:13
Date Received: 08/10/23 16:43
Sample Depth: 0-6"

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/18/23 15:22	08/18/23 23:02	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/18/23 15:22	08/18/23 23:02	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/18/23 15:22	08/18/23 23:02	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/18/23 15:22	08/18/23 23:02	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/18/23 15:22	08/18/23 23:02	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/18/23 15:22	08/18/23 23:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*70 - 130*	*08/18/23 15:22*	*08/18/23 23:02*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*08/18/23 15:22*	*08/18/23 23:02*	*1*

Method: TAL SOP 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			08/21/23 11:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/21/23 14:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/18/23 18:02	08/20/23 10:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/18/23 18:02	08/20/23 10:36	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/18/23 18:02	08/20/23 10:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*145*	*S1+*	*70 - 130*	*08/18/23 18:02*	*08/20/23 10:36*	*1*
o-Terphenyl	*150*	*S1+*	*70 - 130*	*08/18/23 18:02*	*08/20/23 10:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**46.7**		4.96		mg/Kg			08/12/23 23:34	1

Client Sample ID: Augerhole 1

Lab Sample ID: 880-31941-2
Matrix: Solid
Date Collected: 08/10/23 10:22
Date Received: 08/10/23 16:43
Sample Depth: 42-48"

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/18/23 15:22	08/18/23 23:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/18/23 15:22	08/18/23 23:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/18/23 15:22	08/18/23 23:22	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/18/23 15:22	08/18/23 23:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/18/23 15:22	08/18/23 23:22	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/18/23 15:22	08/18/23 23:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*08/18/23 15:22*	*08/18/23 23:22*	*1*

Client Sample Results

Client: Etech Environmental & Safety Solutions
Job ID: 880-31941-1
Project/Site: Hayhurst NM Sec26 Dignitas SWD

Client Sample ID: Augerhole 1
Lab Sample ID: 880-31941-2
Date Collected: 08/10/23 10:22
Matrix: Solid
Date Received: 08/10/23 16:43
Sample Depth: 42-48"

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*08/18/23 15:22*	*08/18/23 23:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/21/23 11:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			08/21/23 14:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		08/18/23 18:02	08/20/23 11:41	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		08/18/23 18:02	08/20/23 11:41	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		08/18/23 18:02	08/20/23 11:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*134*	*S1+*	*70 - 130*	*08/18/23 18:02*	*08/20/23 11:41*	*1*
o-Terphenyl	*149*	*S1+*	*70 - 130*	*08/18/23 18:02*	*08/20/23 11:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.4**		4.95		mg/Kg			08/12/23 23:41	1

Client Sample ID: North augerhole
Lab Sample ID: 880-31941-3
Date Collected: 08/10/23 10:25
Matrix: Solid
Date Received: 08/10/23 16:43
Sample Depth: 0-6"

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/18/23 15:22	08/18/23 23:43	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/18/23 15:22	08/18/23 23:43	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/18/23 15:22	08/18/23 23:43	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/18/23 15:22	08/18/23 23:43	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/18/23 15:22	08/18/23 23:43	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/18/23 15:22	08/18/23 23:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*08/18/23 15:22*	*08/18/23 23:43*	*1*
1,4-Difluorobenzene (Surr)	*122*		*70 - 130*	*08/18/23 15:22*	*08/18/23 23:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/21/23 11:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			08/21/23 14:40	1

Client Sample Results

Client: Etech Environmental & Safety Solutions
Job ID: 880-31941-1
Project/Site: Hayhurst NM Sec26 Dignitas SWD

Client Sample ID: North augerhole
Lab Sample ID: 880-31941-3
Date Collected: 08/10/23 10:25
Matrix: Solid
Date Received: 08/10/23 16:43
Sample Depth: 0-6"

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		08/18/23 18:02	08/20/23 12:03	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		08/18/23 18:02	08/20/23 12:03	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		08/18/23 18:02	08/20/23 12:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*08/18/23 18:02*	*08/20/23 12:03*	*1*
o-Terphenyl	*132*	*S1+*	*70 - 130*	*08/18/23 18:02*	*08/20/23 12:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**48.4**		4.95		mg/Kg			08/12/23 23:48	1

Client Sample ID: North augerhole
Lab Sample ID: 880-31941-4
Date Collected: 08/10/23 10:35
Matrix: Solid
Date Received: 08/10/23 16:43
Sample Depth: 42-48"

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/18/23 15:22	08/19/23 00:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/18/23 15:22	08/19/23 00:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/18/23 15:22	08/19/23 00:04	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/18/23 15:22	08/19/23 00:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/18/23 15:22	08/19/23 00:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/18/23 15:22	08/19/23 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*08/18/23 15:22*	*08/19/23 00:04*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*08/18/23 15:22*	*08/19/23 00:04*	*1*

Method: TAL SOP 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			08/21/23 11:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			08/21/23 14:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		08/18/23 18:02	08/20/23 12:25	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		08/18/23 18:02	08/20/23 12:25	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		08/18/23 18:02	08/20/23 12:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*08/18/23 18:02*	*08/20/23 12:25*	*1*
o-Terphenyl	*144*	*S1+*	*70 - 130*	*08/18/23 18:02*	*08/20/23 12:25*	*1*

Client Sample Results

Client: Etech Environmental & Safety Solutions
Job ID: 880-31941-1
Project/Site: Hayhurst NM Sec26 Dignitas SWD

Client Sample ID: North augerhole
Lab Sample ID: 880-31941-4
Date Collected: 08/10/23 10:35
Matrix: Solid
Date Received: 08/10/23 16:43
Sample Depth: 42-48"

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.0		4.97		mg/Kg			08/12/23 23:56	1

Client Sample ID: East augerhole
Lab Sample ID: 880-31941-5
Date Collected: 08/10/23 10:40
Matrix: Solid
Date Received: 08/10/23 16:43
Sample Depth: 0-6"

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/18/23 15:22	08/19/23 00:25	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/18/23 15:22	08/19/23 00:25	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/18/23 15:22	08/19/23 00:25	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/18/23 15:22	08/19/23 00:25	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/18/23 15:22	08/19/23 00:25	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/18/23 15:22	08/19/23 00:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*08/18/23 15:22*	*08/19/23 00:25*	*1*
1,4-Difluorobenzene (Surr)	*119*		*70 - 130*	*08/18/23 15:22*	*08/19/23 00:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			08/21/23 11:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			08/21/23 14:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		08/18/23 18:02	08/20/23 12:47	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		08/18/23 18:02	08/20/23 12:47	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		08/18/23 18:02	08/20/23 12:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*154*	*S1+*	*70 - 130*	*08/18/23 18:02*	*08/20/23 12:47*	*1*
o-Terphenyl	*157*	*S1+*	*70 - 130*	*08/18/23 18:02*	*08/20/23 12:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.3		5.02		mg/Kg			08/13/23 00:17	1

Client Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Hayhurst NM Sec26 Dignitas SWD

Job ID: 880-31941-1

Client Sample ID: East augerhole

Lab Sample ID: 880-31941-6

Date Collected: 08/10/23 10:55
Date Received: 08/10/23 16:43
Sample Depth: 42-48"

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/18/23 15:22	08/19/23 00:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/18/23 15:22	08/19/23 00:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/18/23 15:22	08/19/23 00:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/18/23 15:22	08/19/23 00:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/18/23 15:22	08/19/23 00:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/18/23 15:22	08/19/23 00:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*08/18/23 15:22*	*08/19/23 00:46*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*08/18/23 15:22*	*08/19/23 00:46*	*1*

Method: TAL SOP 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			08/21/23 11:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			08/21/23 14:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		08/18/23 18:02	08/20/23 13:09	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		08/18/23 18:02	08/20/23 13:09	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		08/18/23 18:02	08/20/23 13:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*146*	*S1+*	*70 - 130*	*08/18/23 18:02*	*08/20/23 13:09*	*1*
o-Terphenyl	*161*	*S1+*	*70 - 130*	*08/18/23 18:02*	*08/20/23 13:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**62.4**		5.01		mg/Kg			08/13/23 00:24	1

Client Sample ID: South augerhole

Lab Sample ID: 880-31941-7

Date Collected: 08/10/23 10:59
Date Received: 08/10/23 16:43
Sample Depth: 0-6"

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/18/23 15:22	08/19/23 01:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/18/23 15:22	08/19/23 01:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/18/23 15:22	08/19/23 01:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/18/23 15:22	08/19/23 01:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/18/23 15:22	08/19/23 01:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/18/23 15:22	08/19/23 01:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*08/18/23 15:22*	*08/19/23 01:07*	*1*

Client Sample Results

Client: Etech Environmental & Safety Solutions
Job ID: 880-31941-1
Project/Site: Hayhurst NM Sec26 Dignitas SWD

Client Sample ID: South augerhole
Lab Sample ID: 880-31941-7
Date Collected: 08/10/23 10:59
Matrix: Solid
Date Received: 08/10/23 16:43
Sample Depth: 0-6"

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*08/18/23 15:22*	*08/19/23 01:07*	*1*

Method: TAL SOP 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			08/21/23 11:05	1

Method: SW846 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			08/21/23 14:40	1

Method: SW846 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		08/18/23 18:02	08/20/23 13:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/18/23 18:02	08/20/23 13:31	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/23 18:02	08/20/23 13:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*125*		*70 - 130*	*08/18/23 18:02*	*08/20/23 13:31*	*1*
o-Terphenyl	*128*		*70 - 130*	*08/18/23 18:02*	*08/20/23 13:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**41.5**		5.04		mg/Kg			08/13/23 00:31	1

Client Sample ID: South augerhole
Lab Sample ID: 880-31941-8
Date Collected: 08/10/23 11:11
Matrix: Solid
Date Received: 08/10/23 16:43
Sample Depth: 42-48"

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/18/23 15:22	08/19/23 01:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/18/23 15:22	08/19/23 01:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/18/23 15:22	08/19/23 01:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/18/23 15:22	08/19/23 01:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/18/23 15:22	08/19/23 01:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/18/23 15:22	08/19/23 01:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*08/18/23 15:22*	*08/19/23 01:28*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*08/18/23 15:22*	*08/19/23 01:28*	*1*

Method: TAL SOP 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			08/21/23 11:05	1

Method: SW846 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			08/21/23 14:40	1

Client Sample Results

Client: Etech Environmental & Safety Solutions
Job ID: 880-31941-1
Project/Site: Hayhurst NM Sec26 Dignitas SWD

Client Sample ID: South augerhole
Lab Sample ID: 880-31941-8
Date Collected: 08/10/23 11:11
Matrix: Solid
Date Received: 08/10/23 16:43
Sample Depth: 42-48"

Method: SW846 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		08/18/23 18:02	08/20/23 13:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/18/23 18:02	08/20/23 13:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/18/23 18:02	08/20/23 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*139*	*S1+*	*70 - 130*	*08/18/23 18:02*	*08/20/23 13:53*	*1*
o-Terphenyl	*152*	*S1+*	*70 - 130*	*08/18/23 18:02*	*08/20/23 13:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**41.6**		5.02		mg/Kg			08/13/23 00:39	1

Client Sample ID: West augerhole
Lab Sample ID: 880-31941-9
Date Collected: 08/10/23 11:13
Matrix: Solid
Date Received: 08/10/23 16:43
Sample Depth: 0-6"

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/18/23 15:22	08/19/23 01:48	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/18/23 15:22	08/19/23 01:48	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/18/23 15:22	08/19/23 01:48	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/18/23 15:22	08/19/23 01:48	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/18/23 15:22	08/19/23 01:48	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/18/23 15:22	08/19/23 01:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*08/18/23 15:22*	*08/19/23 01:48*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*08/18/23 15:22*	*08/19/23 01:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			08/21/23 11:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			08/21/23 14:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		08/18/23 18:02	08/20/23 14:15	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		08/18/23 18:02	08/20/23 14:15	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/18/23 18:02	08/20/23 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*08/18/23 18:02*	*08/20/23 14:15*	*1*
o-Terphenyl	*134*	*S1+*	*70 - 130*	*08/18/23 18:02*	*08/20/23 14:15*	*1*

Client Sample Results

Client: Etech Environmental & Safety Solutions
Job ID: 880-31941-1
Project/Site: Hayhurst NM Sec26 Dignitas SWD

Client Sample ID: West augerhole
Lab Sample ID: 880-31941-9
Date Collected: 08/10/23 11:13
Matrix: Solid
Date Received: 08/10/23 16:43
Sample Depth: 0-6"

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.3		5.02		mg/Kg			08/13/23 00:46	1

Client Sample ID: West augerhole
Lab Sample ID: 880-31941-10
Date Collected: 08/10/23 11:18
Matrix: Solid
Date Received: 08/10/23 16:43
Sample Depth: 42-48"

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/18/23 15:22	08/19/23 02:09	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/18/23 15:22	08/19/23 02:09	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/18/23 15:22	08/19/23 02:09	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/18/23 15:22	08/19/23 02:09	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/18/23 15:22	08/19/23 02:09	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/18/23 15:22	08/19/23 02:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*08/18/23 15:22*	*08/19/23 02:09*	*1*
1,4-Difluorobenzene (Surr)	*117*		*70 - 130*	*08/18/23 15:22*	*08/19/23 02:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/21/23 11:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/21/23 14:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/18/23 18:02	08/20/23 14:38	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/18/23 18:02	08/20/23 14:38	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/18/23 18:02	08/20/23 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*147*	*S1+*	*70 - 130*	*08/18/23 18:02*	*08/20/23 14:38*	*1*
o-Terphenyl	*161*	*S1+*	*70 - 130*	*08/18/23 18:02*	*08/20/23 14:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.3		5.00		mg/Kg			08/13/23 00:53	1

Surrogate Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Hayhurst NM Sec26 Dignitas SWD

Job ID: 880-31941-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-31941-1	Augerhole 1	75	113
880-31941-1 MS	Augerhole 1	78	113
880-31941-1 MSD	Augerhole 1	86	109
880-31941-2	Augerhole 1	88	108
880-31941-3	North augerhole	86	122
880-31941-4	North augerhole	86	118
880-31941-5	East augerhole	82	119
880-31941-6	East augerhole	86	115
880-31941-7	South augerhole	89	112
880-31941-8	South augerhole	89	113
880-31941-9	West augerhole	84	118
880-31941-10	West augerhole	83	117
LCS 880-60584/1-A	Lab Control Sample	98	109
LCSD 880-60584/2-A	Lab Control Sample Dup	84	112
MB 880-60466/5-A	Method Blank	74	94
MB 880-60584/5-A	Method Blank	71	101

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)
880-31941-1	Augerhole 1	145 S1+	150 S1+
880-31941-1 MS	Augerhole 1	133 S1+	131 S1+
880-31941-1 MSD	Augerhole 1	133 S1+	127
880-31941-2	Augerhole 1	134 S1+	149 S1+
880-31941-3	North augerhole	123	132 S1+
880-31941-4	North augerhole	131 S1+	144 S1+
880-31941-5	East augerhole	154 S1+	157 S1+
880-31941-6	East augerhole	146 S1+	161 S1+
880-31941-7	South augerhole	125	128
880-31941-8	South augerhole	139 S1+	152 S1+
880-31941-9	West augerhole	124	134 S1+
880-31941-10	West augerhole	147 S1+	161 S1+
LCS 880-60593/2-A	Lab Control Sample	95	108
LCSD 880-60593/3-A	Lab Control Sample Dup	107	123
MB 880-60593/1-A	Method Blank	146 S1+	161 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Hayhurst NM Sec26 Dignitas SWD

Job ID: 880-31941-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-60466/5-A
Matrix: Solid
Analysis Batch: 60525

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 60466

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/17/23 13:00	08/18/23 11:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/23 13:00	08/18/23 11:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/23 13:00	08/18/23 11:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/17/23 13:00	08/18/23 11:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/23 13:00	08/18/23 11:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/17/23 13:00	08/18/23 11:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*70 - 130*	*08/17/23 13:00*	*08/18/23 11:39*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*08/17/23 13:00*	*08/18/23 11:39*	*1*

Lab Sample ID: MB 880-60584/5-A
Matrix: Solid
Analysis Batch: 60525

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 60584

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/18/23 15:22	08/18/23 22:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/18/23 15:22	08/18/23 22:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/18/23 15:22	08/18/23 22:40	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/18/23 15:22	08/18/23 22:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/18/23 15:22	08/18/23 22:40	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/18/23 15:22	08/18/23 22:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*70 - 130*	*08/18/23 15:22*	*08/18/23 22:40*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*08/18/23 15:22*	*08/18/23 22:40*	*1*

Lab Sample ID: LCS 880-60584/1-A
Matrix: Solid
Analysis Batch: 60525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 60584

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1075		mg/Kg		108	70 - 130		
Toluene			0.100	0.1046		mg/Kg		105	70 - 130		
Ethylbenzene			0.100	0.09640		mg/Kg		96	70 - 130		
m-Xylene & p-Xylene			0.200	0.2134		mg/Kg		107	70 - 130		
o-Xylene			0.100	0.1065		mg/Kg		107	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: LCSD 880-60584/2-A
Matrix: Solid
Analysis Batch: 60525

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 60584

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1233		mg/Kg		123	70 - 130	14	35

QC Sample Results

Client: Etech Environmental & Safety Solutions
Job ID: 880-31941-1
Project/Site: Hayhurst NM Sec26 Dignitas SWD

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

Lab Sample ID: LCSD 880-60584/2-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 60525
Prep Batch: 60584

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1041		mg/Kg		104	70 - 130	0	35
Ethylbenzene			0.100	0.08410		mg/Kg		84	70 - 130	14	35
m-Xylene & p-Xylene			0.200	0.1749		mg/Kg		87	70 - 130	20	35
o-Xylene			0.100	0.08755		mg/Kg		88	70 - 130	20	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*

Lab Sample ID: 880-31941-1 MS
Client Sample ID: Augerhole 1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 60525
Prep Batch: 60584

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.1100		mg/Kg		109	70 - 130
Toluene	<0.00202	U	0.100	0.08888		mg/Kg		88	70 - 130
Ethylbenzene	<0.00202	U	0.100	0.07000		mg/Kg		70	70 - 130
m-Xylene & p-Xylene	<0.00403	U	0.200	0.1423		mg/Kg		71	70 - 130
o-Xylene	<0.00202	U	0.100	0.07090		mg/Kg		71	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*

Lab Sample ID: 880-31941-1 MSD
Client Sample ID: Augerhole 1
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 60525
Prep Batch: 60584

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.0996	0.1023		mg/Kg		102	70 - 130	7	35
Toluene	<0.00202	U	0.0996	0.09256		mg/Kg		92	70 - 130	4	35
Ethylbenzene	<0.00202	U	0.0996	0.07602		mg/Kg		76	70 - 130	8	35
m-Xylene & p-Xylene	<0.00403	U	0.199	0.1585		mg/Kg		80	70 - 130	11	35
o-Xylene	<0.00202	U	0.0996	0.07880		mg/Kg		79	70 - 130	11	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

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

Lab Sample ID: MB 880-60593/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 60630
Prep Batch: 60593

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		08/18/23 18:02	08/20/23 08:03	1

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Hayhurst NM Sec26 Dignitas SWD

Job ID: 880-31941-1

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

Lab Sample ID: MB 880-60593/1-A
Matrix: Solid
Analysis Batch: 60630

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 60593

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		08/18/23 18:02	08/20/23 08:03	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/23 18:02	08/20/23 08:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*146*	*S1+*	*70 - 130*	*08/18/23 18:02*	*08/20/23 08:03*	*1*
o-Terphenyl	*161*	*S1+*	*70 - 130*	*08/18/23 18:02*	*08/20/23 08:03*	*1*

Lab Sample ID: LCS 880-60593/2-A
Matrix: Solid
Analysis Batch: 60630

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 60593

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	945.9		mg/Kg		95	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	798.5		mg/Kg		80	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*95*		*70 - 130*
o-Terphenyl	*108*		*70 - 130*

Lab Sample ID: LCSD 880-60593/3-A
Matrix: Solid
Analysis Batch: 60630

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 60593

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	961.2		mg/Kg		96	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	882.6		mg/Kg		88	70 - 130	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*107*		*70 - 130*
o-Terphenyl	*123*		*70 - 130*

Lab Sample ID: 880-31941-1 MS
Matrix: Solid
Analysis Batch: 60630

Client Sample ID: Augerhole 1
Prep Type: Total/NA
Prep Batch: 60593

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	997	827.2		mg/Kg		83	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	997	1029		mg/Kg		100	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*133*	*S1+*	*70 - 130*
o-Terphenyl	*131*	*S1+*	*70 - 130*

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: Hayhurst NM Sec26 Dignitas SWD

Job ID: 880-31941-1

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

Lab Sample ID: 880-31941-1 MSD — **Client Sample ID: Augerhole 1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 60630 — **Prep Batch: 60593**

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	<49.8	U	997	821.7		mg/Kg		82	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.8	U	997	1011		mg/Kg		98	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*133*	*S1+*	*70 - 130*
o-Terphenyl	*127*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-59908/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 60057

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/12/23 22:51	1

Lab Sample ID: LCS 880-59908/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 60057

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	259.9		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-59908/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 60057

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	262.7		mg/Kg		105	90 - 110	1	20

Lab Sample ID: 880-31941-10 MS — **Client Sample ID: West augerhole**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 60057

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	47.3		250	311.0		mg/Kg		105	90 - 110

Lab Sample ID: 880-31941-10 MSD — **Client Sample ID: West augerhole**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 60057

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	47.3		250	311.3		mg/Kg		106	90 - 110	0	20

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Hayhurst NM Sec26 Dignitas SWD

Job ID: 880-31941-1

GC VOA

Prep Batch: 60466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-60466/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 60525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31941-1	Augerhole 1	Total/NA	Solid	8021B	60584
880-31941-2	Augerhole 1	Total/NA	Solid	8021B	60584
880-31941-3	North augerhole	Total/NA	Solid	8021B	60584
880-31941-4	North augerhole	Total/NA	Solid	8021B	60584
880-31941-5	East augerhole	Total/NA	Solid	8021B	60584
880-31941-6	East augerhole	Total/NA	Solid	8021B	60584
880-31941-7	South augerhole	Total/NA	Solid	8021B	60584
880-31941-8	South augerhole	Total/NA	Solid	8021B	60584
880-31941-9	West augerhole	Total/NA	Solid	8021B	60584
880-31941-10	West augerhole	Total/NA	Solid	8021B	60584
MB 880-60466/5-A	Method Blank	Total/NA	Solid	8021B	60466
MB 880-60584/5-A	Method Blank	Total/NA	Solid	8021B	60584
LCS 880-60584/1-A	Lab Control Sample	Total/NA	Solid	8021B	60584
LCSD 880-60584/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	60584
880-31941-1 MS	Augerhole 1	Total/NA	Solid	8021B	60584
880-31941-1 MSD	Augerhole 1	Total/NA	Solid	8021B	60584

Prep Batch: 60584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31941-1	Augerhole 1	Total/NA	Solid	5035	
880-31941-2	Augerhole 1	Total/NA	Solid	5035	
880-31941-3	North augerhole	Total/NA	Solid	5035	
880-31941-4	North augerhole	Total/NA	Solid	5035	
880-31941-5	East augerhole	Total/NA	Solid	5035	
880-31941-6	East augerhole	Total/NA	Solid	5035	
880-31941-7	South augerhole	Total/NA	Solid	5035	
880-31941-8	South augerhole	Total/NA	Solid	5035	
880-31941-9	West augerhole	Total/NA	Solid	5035	
880-31941-10	West augerhole	Total/NA	Solid	5035	
MB 880-60584/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-60584/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-60584/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-31941-1 MS	Augerhole 1	Total/NA	Solid	5035	
880-31941-1 MSD	Augerhole 1	Total/NA	Solid	5035	

Analysis Batch: 60700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31941-1	Augerhole 1	Total/NA	Solid	Total BTEX	
880-31941-2	Augerhole 1	Total/NA	Solid	Total BTEX	
880-31941-3	North augerhole	Total/NA	Solid	Total BTEX	
880-31941-4	North augerhole	Total/NA	Solid	Total BTEX	
880-31941-5	East augerhole	Total/NA	Solid	Total BTEX	
880-31941-6	East augerhole	Total/NA	Solid	Total BTEX	
880-31941-7	South augerhole	Total/NA	Solid	Total BTEX	
880-31941-8	South augerhole	Total/NA	Solid	Total BTEX	
880-31941-9	West augerhole	Total/NA	Solid	Total BTEX	
880-31941-10	West augerhole	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Etech Environmental & Safety Solutions
Job ID: 880-31941-1
Project/Site: Hayhurst NM Sec26 Dignitas SWD

GC Semi VOA

Prep Batch: 60593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31941-1	Augerhole 1	Total/NA	Solid	8015NM Prep	
880-31941-2	Augerhole 1	Total/NA	Solid	8015NM Prep	
880-31941-3	North augerhole	Total/NA	Solid	8015NM Prep	
880-31941-4	North augerhole	Total/NA	Solid	8015NM Prep	
880-31941-5	East augerhole	Total/NA	Solid	8015NM Prep	
880-31941-6	East augerhole	Total/NA	Solid	8015NM Prep	
880-31941-7	South augerhole	Total/NA	Solid	8015NM Prep	
880-31941-8	South augerhole	Total/NA	Solid	8015NM Prep	
880-31941-9	West augerhole	Total/NA	Solid	8015NM Prep	
880-31941-10	West augerhole	Total/NA	Solid	8015NM Prep	
MB 880-60593/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-60593/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-60593/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-31941-1 MS	Augerhole 1	Total/NA	Solid	8015NM Prep	
880-31941-1 MSD	Augerhole 1	Total/NA	Solid	8015NM Prep	

Analysis Batch: 60630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31941-1	Augerhole 1	Total/NA	Solid	8015B NM	60593
880-31941-2	Augerhole 1	Total/NA	Solid	8015B NM	60593
880-31941-3	North augerhole	Total/NA	Solid	8015B NM	60593
880-31941-4	North augerhole	Total/NA	Solid	8015B NM	60593
880-31941-5	East augerhole	Total/NA	Solid	8015B NM	60593
880-31941-6	East augerhole	Total/NA	Solid	8015B NM	60593
880-31941-7	South augerhole	Total/NA	Solid	8015B NM	60593
880-31941-8	South augerhole	Total/NA	Solid	8015B NM	60593
880-31941-9	West augerhole	Total/NA	Solid	8015B NM	60593
880-31941-10	West augerhole	Total/NA	Solid	8015B NM	60593
MB 880-60593/1-A	Method Blank	Total/NA	Solid	8015B NM	60593
LCS 880-60593/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	60593
LCSD 880-60593/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	60593
880-31941-1 MS	Augerhole 1	Total/NA	Solid	8015B NM	60593
880-31941-1 MSD	Augerhole 1	Total/NA	Solid	8015B NM	60593

Analysis Batch: 60745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31941-1	Augerhole 1	Total/NA	Solid	8015 NM	
880-31941-2	Augerhole 1	Total/NA	Solid	8015 NM	
880-31941-3	North augerhole	Total/NA	Solid	8015 NM	
880-31941-4	North augerhole	Total/NA	Solid	8015 NM	
880-31941-5	East augerhole	Total/NA	Solid	8015 NM	
880-31941-6	East augerhole	Total/NA	Solid	8015 NM	
880-31941-7	South augerhole	Total/NA	Solid	8015 NM	
880-31941-8	South augerhole	Total/NA	Solid	8015 NM	
880-31941-9	West augerhole	Total/NA	Solid	8015 NM	
880-31941-10	West augerhole	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Hayhurst NM Sec26 Dignitas SWD

Job ID: 880-31941-1

HPLC/IC

Leach Batch: 59908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31941-1	Augerhole 1	Soluble	Solid	DI Leach	
880-31941-2	Augerhole 1	Soluble	Solid	DI Leach	
880-31941-3	North augerhole	Soluble	Solid	DI Leach	
880-31941-4	North augerhole	Soluble	Solid	DI Leach	
880-31941-5	East augerhole	Soluble	Solid	DI Leach	
880-31941-6	East augerhole	Soluble	Solid	DI Leach	
880-31941-7	South augerhole	Soluble	Solid	DI Leach	
880-31941-8	South augerhole	Soluble	Solid	DI Leach	
880-31941-9	West augerhole	Soluble	Solid	DI Leach	
880-31941-10	West augerhole	Soluble	Solid	DI Leach	
MB 880-59908/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-59908/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-59908/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-31941-10 MS	West augerhole	Soluble	Solid	DI Leach	
880-31941-10 MSD	West augerhole	Soluble	Solid	DI Leach	

Analysis Batch: 60057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31941-1	Augerhole 1	Soluble	Solid	300.0	59908
880-31941-2	Augerhole 1	Soluble	Solid	300.0	59908
880-31941-3	North augerhole	Soluble	Solid	300.0	59908
880-31941-4	North augerhole	Soluble	Solid	300.0	59908
880-31941-5	East augerhole	Soluble	Solid	300.0	59908
880-31941-6	East augerhole	Soluble	Solid	300.0	59908
880-31941-7	South augerhole	Soluble	Solid	300.0	59908
880-31941-8	South augerhole	Soluble	Solid	300.0	59908
880-31941-9	West augerhole	Soluble	Solid	300.0	59908
880-31941-10	West augerhole	Soluble	Solid	300.0	59908
MB 880-59908/1-A	Method Blank	Soluble	Solid	300.0	59908
LCS 880-59908/2-A	Lab Control Sample	Soluble	Solid	300.0	59908
LCSD 880-59908/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	59908
880-31941-10 MS	West augerhole	Soluble	Solid	300.0	59908
880-31941-10 MSD	West augerhole	Soluble	Solid	300.0	59908

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Job ID: 880-31941-1
Project/Site: Hayhurst NM Sec26 Dignitas SWD

Client Sample ID: Augerhole 1
Lab Sample ID: 880-31941-1
Date Collected: 08/10/23 10:13
Matrix: Solid
Date Received: 08/10/23 16:43

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	60584	08/18/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	60525	08/18/23 23:02	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			60700	08/21/23 11:05	AJ	EET MID
Total/NA	Analysis	8015 NM		1			60745	08/21/23 14:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	60593	08/18/23 18:02	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	60630	08/20/23 10:36	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	59908	08/11/23 09:24	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	60057	08/12/23 23:34	SMC	EET MID

Client Sample ID: Augerhole 1
Lab Sample ID: 880-31941-2
Date Collected: 08/10/23 10:22
Matrix: Solid
Date Received: 08/10/23 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	60584	08/18/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	60525	08/18/23 23:22	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			60700	08/21/23 11:05	AJ	EET MID
Total/NA	Analysis	8015 NM		1			60745	08/21/23 14:40	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	60593	08/18/23 18:02	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	60630	08/20/23 11:41	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	59908	08/11/23 09:24	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	60057	08/12/23 23:41	SMC	EET MID

Client Sample ID: North augerhole
Lab Sample ID: 880-31941-3
Date Collected: 08/10/23 10:25
Matrix: Solid
Date Received: 08/10/23 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	60584	08/18/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	60525	08/18/23 23:43	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			60700	08/21/23 11:05	AJ	EET MID
Total/NA	Analysis	8015 NM		1			60745	08/21/23 14:40	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	60593	08/18/23 18:02	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	60630	08/20/23 12:03	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	59908	08/11/23 09:24	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	60057	08/12/23 23:48	SMC	EET MID

Client Sample ID: North augerhole
Lab Sample ID: 880-31941-4
Date Collected: 08/10/23 10:35
Matrix: Solid
Date Received: 08/10/23 16:43

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	60584	08/18/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	60525	08/19/23 00:04	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			60700	08/21/23 11:05	AJ	EET MID

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Job ID: 880-31941-1
Project/Site: Hayhurst NM Sec26 Dignitas SWD

Client Sample ID: North augerhole
Lab Sample ID: 880-31941-4
Date Collected: 08/10/23 10:35
Matrix: Solid
Date Received: 08/10/23 16:43

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			60745	08/21/23 14:40	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	60593	08/18/23 18:02	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	60630	08/20/23 12:25	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	59908	08/11/23 09:24	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	60057	08/12/23 23:56	SMC	EET MID

Client Sample ID: East augerhole
Lab Sample ID: 880-31941-5
Date Collected: 08/10/23 10:40
Matrix: Solid
Date Received: 08/10/23 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	60584	08/18/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	60525	08/19/23 00:25	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			60700	08/21/23 11:05	AJ	EET MID
Total/NA	Analysis	8015 NM		1			60745	08/21/23 14:40	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	60593	08/18/23 18:02	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	60630	08/20/23 12:47	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	59908	08/11/23 09:24	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	60057	08/13/23 00:17	SMC	EET MID

Client Sample ID: East augerhole
Lab Sample ID: 880-31941-6
Date Collected: 08/10/23 10:55
Matrix: Solid
Date Received: 08/10/23 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	60584	08/18/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	60525	08/19/23 00:46	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			60700	08/21/23 11:05	AJ	EET MID
Total/NA	Analysis	8015 NM		1			60745	08/21/23 14:40	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	60593	08/18/23 18:02	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	60630	08/20/23 13:09	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	59908	08/11/23 09:24	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	60057	08/13/23 00:24	SMC	EET MID

Client Sample ID: South augerhole
Lab Sample ID: 880-31941-7
Date Collected: 08/10/23 10:59
Matrix: Solid
Date Received: 08/10/23 16:43

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	60584	08/18/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	60525	08/19/23 01:07	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			60700	08/21/23 11:05	AJ	EET MID
Total/NA	Analysis	8015 NM		1			60745	08/21/23 14:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	60593	08/18/23 18:02	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	60630	08/20/23 13:31	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Job ID: 880-31941-1
Project/Site: Hayhurst NM Sec26 Dignitas SWD

Client Sample ID: South augerhole
Lab Sample ID: 880-31941-7
Date Collected: 08/10/23 10:59
Matrix: Solid
Date Received: 08/10/23 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	59908	08/11/23 09:24	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	60057	08/13/23 00:31	SMC	EET MID

Client Sample ID: South augerhole
Lab Sample ID: 880-31941-8
Date Collected: 08/10/23 11:11
Matrix: Solid
Date Received: 08/10/23 16:43

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	60584	08/18/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	60525	08/19/23 01:28	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			60700	08/21/23 11:05	AJ	EET MID
Total/NA	Analysis	8015 NM		1			60745	08/21/23 14:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	60593	08/18/23 18:02	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	60630	08/20/23 13:53	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	59908	08/11/23 09:24	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	60057	08/13/23 00:39	SMC	EET MID

Client Sample ID: West augerhole
Lab Sample ID: 880-31941-9
Date Collected: 08/10/23 11:13
Matrix: Solid
Date Received: 08/10/23 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	60584	08/18/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	60525	08/19/23 01:48	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			60700	08/21/23 11:05	AJ	EET MID
Total/NA	Analysis	8015 NM		1			60745	08/21/23 14:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	60593	08/18/23 18:02	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	60630	08/20/23 14:15	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	59908	08/11/23 09:24	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	60057	08/13/23 00:46	SMC	EET MID

Client Sample ID: West augerhole
Lab Sample ID: 880-31941-10
Date Collected: 08/10/23 11:18
Matrix: Solid
Date Received: 08/10/23 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	60584	08/18/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	60525	08/19/23 02:09	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			60700	08/21/23 11:05	AJ	EET MID
Total/NA	Analysis	8015 NM		1			60745	08/21/23 14:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	60593	08/18/23 18:02	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	60630	08/20/23 14:38	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	59908	08/11/23 09:24	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	60057	08/13/23 00:53	SMC	EET MID

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Project/Site: Hayhurst NM Sec26 Dignitas SWD

Job ID: 880-31941-1

Laboratory References:

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

Accreditation/Certification Summary

Client: Etech Environmental & Safety Solutions Job ID: 880-31941-1
Project/Site: Hayhurst NM Sec26 Dignitas SWD

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	T104704400-23-26	06-30-24

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: Hayhurst NM Sec26 Dignitas SWD

Job ID: 880-31941-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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:

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

Sample Summary

Client: Etech Environmental & Safety Solutions
Project/Site: Hayhurst NM Sec26 Dignitas SWD

Job ID: 880-31941-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-31941-1	Augerhole 1	Solid	08/10/23 10:13	08/10/23 16:43	0-6"
880-31941-2	Augerhole 1	Solid	08/10/23 10:22	08/10/23 16:43	42-48"
880-31941-3	North augerhole	Solid	08/10/23 10:25	08/10/23 16:43	0-6"
880-31941-4	North augerhole	Solid	08/10/23 10:35	08/10/23 16:43	42-48"
880-31941-5	East augerhole	Solid	08/10/23 10:40	08/10/23 16:43	0-6"
880-31941-6	East augerhole	Solid	08/10/23 10:55	08/10/23 16:43	42-48"
880-31941-7	South augerhole	Solid	08/10/23 10:59	08/10/23 16:43	0-6"
880-31941-8	South augerhole	Solid	08/10/23 11:11	08/10/23 16:43	42-48"
880-31941-9	West augerhole	Solid	08/10/23 11:13	08/10/23 16:43	0-6"
880-31941-10	West augerhole	Solid	08/10/23 11:18	08/10/23 16:43	42-48"

Chain of Custody

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)

W

W 880-31941 Chain of Custody

8/21/2023

Project Manager	Blake Estep	Bill to (if different)	Etech
Company Name	Etech Environmental	Company Name	
Address	13000 W CR 100	Address	
City, State ZIP	Odessa, Texas 79765	City, State ZIP	
Phone	432-563-2200	Email	

Work Order Comments

Program: UST/PST ☐ PR ☐ ☐ ☐ RC ☐ ☐

State of Project

Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐

Deliverables EDD ☐ ADaPT ☐ Other

Project Name	Hayhurst NM Sec26 Dignitas SWD	Turn Around	
Project Number	17503	Routine	☑
P O Number	17503	Rush	
Sampler's Name	Delfan	Due Date	

SAMPLE RECEIPT	Temp Blank	Yes (No)	Wet Ice	(Yes) No
Temperature (°C)	4.7/4.9	Thermometer ID		IR2
Received Intact.	(Yes) No			
Cooler Custody Seals	Yes No N/A	Correction Factor		-.3C
Sample Custody Seals	Yes No (N/A)	Total Containers		

ANALYSIS REQUEST

Work Order Notes

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX 8021B	TPH 8015M	Chloride	Sample Comments
Augerhole 1	Soil	8/10/23	10:13	0-6"	1				
Augerhole 1			10:22	42-48"	1				
North augerhole			10:25	0-6"	1				
North augerhole			10:35	42-48"	1				
East augerhole			10:40	0-6"	1				
East augerhole			10:55	42-48"	1				
South augerhole			10:59	0-6"	1				
South augerhole			11:11	42-48"	1				
West augerhole			11:13	0-6"	1				
West augerhole			11:18	42-48"	1				

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

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 Delfan		8/10/23/16:43	2		
3			4		
5			6		

Revised Date 051418 Rev 2018.1

Login Sample Receipt Checklist

Client: Etech Environmental & Safety Solutions Job Number: 880-31941-1

Login Number: 31941 **List Source: Eurofins Midland**
List Number: 1
Creator: Rodriguez, Leticia

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

APPENDIX G

NMOCD Notifications

Anna Byers

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Monday, August 7, 2023 9:45 AM
To: Blake Estep
Cc: Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD
Subject: RE: [EXTERNAL] Soil Sampling Activities

Hi Blake,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Administrative Permitting Program
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520|Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Blake Estep <blake@etechenv.com>
Sent: Monday, August 7, 2023 9:12 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Subject: [EXTERNAL] Soil Sampling Activities

Good morning,

Chevron anticipates conducting soil sampling activities at the following sites between August 10 & 11, 2023:

Site Name: Hayhurst NM Section 26 Dignitas SWD
Incident Number: nAPP2301837404

Site Name: Hayhurst NM Section 35 CTB
Incident Number: nAPP2302742810

Thank you,

Blake Estep

Etech Environmental & Safety Solutions, Inc.
P.O. Box 62228
Midland, Texas 79711
Phone: 432-563-2200
Mobile: 432-894-6038
Fax: 432-563-2213

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

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

CONDITIONS

Action 267380

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 267380
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	None	1/23/2024